

**DEPARTMENT OF
AGRICULTURE
GOVERNMENT OF TELANGNA**

**Information manual
2019-20**

A Publication Under Right to Information Act 2005

INFORMATION MANUAL 2019-2020

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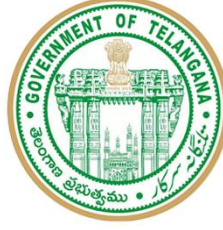
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FOREWORD

In accordance to the provisions of the Right to information Act, 2005 the Agriculture Information Manual Published by the Department of Agriculture. The manual is intended to be an interface between the general public and the Agriculture Department as it includes all the activities undertaken for improving farm productivity. It serves as a comprehensive handbook which can answer all the pertinent queries.

Information related to all the schemes implemented by the Department for uplifting the farming community is presented clearly and concisely. The manual also includes functions, duties of all the officers in the Department.

In essence, the manual enhances transparency which paves way for better governance. It provides easy access to all the Public Information Officers and Assistant Public Information Officers up to sub division level as their contact numbers are listed.

The manual is published every year and the information is regularly updated in the website www.agri.telangana.gov.in. with the basic purpose of creating awareness about the Department.

I sincerely hope the manual shall meet the multiple queries of information seekers.

M. Raghunandan Rao

Commissioner & Director of Agriculture

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CHAPTER-1

INTRODUCTION

Information Manual:

This information Manual 2019-20 of the Department of Agriculture is published to enable the citizen secure access to information on the different function activities and programmes of all the operational wings of the Agriculture Department

As a part of its democratic functioning, the Government of India has passed legislation in the form of the Right to information Act. 2005 to create a better informed citizenry and make all the transactions of the governmental operations transparent in order to contain corruption and promote accountability in public funded organization.

The information pertaining to the functioning of the Agriculture Department, Government of Telangana is available to the public through several means. However this compilation brings together all the relevant information in a coherent and organized manner so that the reader of this manual gets a understanding about the department. Its activities and the relevance of its contribution to the promotion of farming sector of Telangana.

Right to Information and Obligations of Public authorities:

Section-4(1) (b) of the information Act stipulates every public authority to update at regular intervals all the information that is being transacted and generated by it. It is also the obligation of the government organization to provide all the information to any citizen or citizen groups who are interested in knowing any aspect of the organization's functioning.

Citizens through following means as indicated below can access the information. The Agriculture Department publishes a yearly information Manual that contains information pertaining to the activities and functions of the department in a holistic manner. This publication is intended to provide organized information to the citizens. Citizens can have free access to this manual in any of the officers of Agriculture Department. This manual and the

periodical updates are published in the website of the department.
www.agri.telangana.gov.in

Citizens can visit any of the officers of the Agriculture Department at the State, District and Divisional levels and have access to verify, inspect, take notes, take extracts or certified copies of documents, records and other information being processed and held under the control of these offices.

Citizens can also have access to such information, which is not readily available in a published form. These are in the form of process notes, internal note files etc., in this case, Citizens can ask for specific information in writing in the prescribed application form, which is available in any of the offices of the department. The required application form, which is available in any of the offices of the department. The required information will be compiled and given to the citizen as required by him/ her/them within the time period which will be communicated to the information requesting person (s). Public Information Officers and Assistant Public Information Officers have been Designated to cater to the information requirements of the citizens approaching the officers of the Agriculture Department at the State, District and Sub Divisional levels.

The cost of duplicating/ copying the information

The cost incurred towards duplicating, photocopying or copying the information in print or electronic form and postages if any, needs to be borne by the individual (s) requesting the information. The actual cost will be intimated to the individuals requesting the information. The activity of processing/ compiling the required information will only start after the fee is paid to the appropriate authority.

Organization of the contest of the Manual:

This Department of Agriculture implements various schemes and programmes intended to help the farming sector. Each of these, schemes and programmes are independently categories and dealt in a manner to give clear information to the public.

CHAPTER – 2

ORGANISATION-ORIGIN, EVOLUTION, DUTIES & FUNCTIONS

ORIGIN:

The Department of Agriculture has been created mainly to provide Agricultural Extension services to farmers and to transfer the latest technical knowledge to the farming community, introduction of high yielding varieties, laying demonstration, imparting training to farmers to improve skills & knowledge to boost up the agricultural production and productivity.

The other objectives of the Department are to assess requirements of agriculture inputs well in advance and to regulate their production and ensure timely supply of seeds.

The Department also performs the statutory functions under various acts and regulations (i.e. quality control) to ensure supply of quality inputs i.e. Seeds, Fertilizers and Pesticides to farmers and implementation of Dangerous Machines Regulations Act.

The Department also carries out certain other facilitating functions such as 1) Soil testing 2) Soil and water conservation 3) soil survey 4) credit assessment/arrangements/ 5) Media Production (6) Training of farmers 7) Arranging P.P. campaigns / Diagnostic team visits whenever necessary 8) Monitoring and Evaluation 9) Disaster management 10) Crop Insurance 11) Agricultural Mechanization 12) Extending technical assistance to various agencies.

EVOLUTION OF DEPARTMENT:

Andhra Pradesh State was formed on 1st November 1956 by merging the nine districts of Telangana region of Hyderabad State with those of Andhra State. Further Andhra State was itself formed on 1st October 1953 by partitioning the composite Madras State. Hence the origin and development of Agriculture Department in Andhra Pradesh relates to the origin and development

of the Agriculture Departments in Madras and Hyderabad States. Therefore a short account on the origin and development of the Department in those states is given below:

COMPOSITE MADRAS STATE:

In the composite erstwhile Madras State a separate Agriculture Department was established in the year 1906 with a Director of Agriculture and necessary subordinate staff. Since then there was gradual expansion of the departmental activities like Agricultural Education, Research and Extension. In the war years 1939-44 the need for increasing agricultural production was keenly felt and country-wide Grow More Food Campaign was launched with the specific object of increasing production under post-war reconstruction. The Agricultural Department was strengthened at all levels to cope up with the enlarged activities and for the successful implementation of the various grow more food schemes in the State.

HYDERABAD STATE:

The Agriculture Department in Hyderabad State was established in the year 1911. Since then the Department maintained steady progress and expansion. Between 1911 and 1932 a number of research stations were established for tackling different agronomic problems. At the same time an engineering branch was also established and developed gradually for the improvement of agricultural implements, assisting the public in installing pumpsets, putting up deep bores, training drivers, etc., With the starting of Grow More Food Campaign all over the country during the war years a number of new developmental schemes were implemented and as a result the Department was expanded to a considerable extent by providing staff for Research and Extension.

After the formation of Andhra Pradesh, the Department was responsible for Research, Education, Extension, Agricultural Engineering, Marketing and Publicity. During February 1962, the Marketing Wing of the Department of Agriculture was separated and separate Department of Marketing was created. Consequent on the formation of Andhra Pradesh Agricultural University during 1966 the Research Wing, i.e., Agricultural Research Stations and Agricultural Colleges of the Department were transferred to it. During the same year

publicity wing of the Department was also separated and merged with the Information and Public Relations Department. Consequent on the establishment of the Andhra Pradesh Agro-Industries Corporation Ltd., at Hyderabad in the State, the departmental-rigs and rock blasting units were transferred to the Corporation with effect from 2nd January 1969. The drilling staff were also deputed to the Corporation. Subsequently the Agricultural engineering machinery viz., bull-dozers, tractors, etc., were transferred to the Corporation with effect from 1st June 1969. The staff was given option to opt to the Corporation services and those who did not opt to Corporation service were absorbed in the Department.

Even after transferring the Agricultural Colleges to the Andhra Pradesh Agricultural University, Vocational Training Schools in Agriculture are retained with the Agricultural Department. The Department used to arrange training in specialized items like Soil Conservation, Plant Protection, Water Use Management, Job Orientation, Courses, etc., for the different cadres of technical staff as and when necessity arises. For this purpose, there were two Soil Conservation Training Centres one at Hyderabad and the other at Anantapur and one Plant protection Training Centre at Hyderabad. There had been two Vocational Agricultural Schools at Suryapet (Nalgonda District) and Yammiganur (Kurnool District) in the State. These Schools train the sons of farmers in different aspects of improved agricultural practices, and stipends are granted for the period of training. There were seven farmers, Training Centres at Rajendranagar, Gopannapalem, Kalahasti, Nandyal, Suryapet, Bapatla and Karimnagar imparting training to farm men and farm women on package of practices and on all farm operations including livestock, dairy, poultry, fisheries, etc.

Subsequently, the Farmer Training Centers were established in all the 22 districts of Andhra Pradesh State.

The Agricultural Extension work in the department of Agriculture has been getting reorganized time and again based on requirement at a point of time. In 1960s, it was broadly based on crop development schemes destined by Government of India. At that time, based on these schemes, territorial jurisdiction was fixed for various categories of staff i.e., Field Assistants / Sub Assistant/ Agricultural Officers, Assistant Directors of Agriculture etc.

Subsequently as per M.T. Raju committee report, the district post of District Agricultural Officer, of the cadre of Assistant Director of Agriculture was upgraded to that of Deputy Director of Agriculture and he/she used to act as PA to Collector (Agri).

The APSSDC Ltd., (Andhra Pradesh State Seed Development Corporation Ltd.) was established in the year 1976. The functions of high quality seed production and supply was transferred to APSSDC since then.

To ensure supply of high quality seeds with prescribed genetic purity, close inspections are required and statutory certification is essential. For this purpose, the A.P. State seed certification Agency was registered under the provisions of public societies (Telangana Area) Registration Act 1350 Fasli during Phase-I of National Seed Project and the agency commenced its operations from 01-06-1977. Accordingly, the functions of seed certification were transferred to seed certification Agency from 01.06.1977.

With the creation of Directorate of sugars in the year 1976 sugarcane wing has got separated from the Department of Agriculture.

Separate Horticulture Department was also created by bifurcating schemes meant for development of Horticultural crops from Department of Agriculture in the year 1982.

During 1976, the extension wing was again reorganized into two wings i.e., extension and input. The extension wing used to look after activities like preparation of plan right from farm level, village level to district level. The input wing used to assess the input requirements and handle Department godowns etc., during this period, certain states had implemented T&V (Training and Visit) system with the assistance of World Bank in command area. In Andhra Pradesh, the following command was covered under T&V system.

1. Nagarjuna Sagar Project Right Canal Area
2. Nagarjuna Sagar Project Left Canal Area
3. Sri Ramsagar Project
4. Telugu Ganga Project,

Based on the experience gained and the success of the T&V extension system (Benor system) in the command area in various States including Andhra

Pradesh, it was decided to extend the same to all districts of the State. Consequently, the T&V programme came into being and was implemented with World Bank Assistance from 1982-1989. Subsequently, the staff under the T&V schemes was converted into non-plan and it is still being followed with certain modifications.

The system emphasizes professional approach and finalization of technical messages to the farmers based on the consensus arrived at after deliberation among the scientists, extension staff and farmers. It also believes in passing of the message through well-structured system.

The State trading schemes involving procurement and sales of inputs like, Seed, Fertilizer, and Pesticides were detached from the Department since 1982.

Subsequently, during 1993 for better span of control and enforcement of quality control orders, the key supervisory cadre (i.e. ADA) was reorganized by creating geographical agricultural sub-division comprising 2-8 Mandals (erstwhile Taluq) and by redeployment of subject matter specialists as ADA in the newly created offices to operate independently in the limited jurisdiction. Earlier to this organization, the territorial jurisdiction of ADA was synonymous with the Revenue Division. The Field assistants / Sub Assistants were re-designated as Agricultural Extension Officers.

The Government has provided One Agricultural Extension Officer for every 2000 ha of cultivable area for effective extension reach to the farmers.

Agriculture is a way of life and a tradition which has shaped the culture and economic life of the people of Telangana State. Therefore this economic activity will continue to be Central to all strategies planned for socio-economic development of the State. Rapid growth of Agriculture is essential not only to achieve self-reliance but also for food security and to bring about equity in distribution of income and wealth resulting in rapid reduction in poverty levels.

BIFURCATION OF THE STATE:

Telangana state has emerged as 29th state with a geographical area of 112.08 lakh ha. After bifurcation of Andhra Pradesh state on 2nd June, 2014 with 10 districts including Hyderabad.

REORGANIZATION OF DISTRICTS IN TELANGANA STATE:

The government of Telangana has reorganized the existing (10) districts and formed (33) new districts in the state with an objective of bringing administration to the door steps of people and for effective reach of government to the people for faster delivery of benefits.

Accordingly the department has reorganized the cadre strength. Each district is headed by District Agriculture Officer (DAO) .The Joint Director of Agriculture cadre officer is the DAO for Erstwhile districts and Deputy Director of Agriculture cadre officer is the DAO for the newly formed districts.

The Assistant Directors of Agriculture and Agriculture Officers are heading the Agriculture subdivisions and mandals respectively. The Agriculture Extension Officers are working at village cluster level.

The Department has a strong man power resources of 5409 sanctioned strength. The extension staff is periodically oriented with the advance technology emerging from time to time through trainings,workshops, interactions etc., Farmers Training Centers, laboratories, ATMA units are functioning to equip the farmers with necessary knowledge for successful agriculture.

The Department of Agriculture has been created mainly to provide Agricultural extension services to the farmers and to transfer the latest technical knowhow to the farming community, introduction of high yielding varieties, organization of demonstrations, conducting of training programmes to the farmers to improve the knowledge and skills to boost up the agriculture production and productivity.

The other objectives of the Department are to assess the requirements of agriculture inputs viz., seeds, fertilizers and pesticides, credit, implements etc., in advance and to regulate their production and supply in time to the farmers.

The Department also performs the statutory functions under various acts and regulations (i.e. quality control) to ensure supply of quality inputs (seeds, fertilizers and pesticides) to the farmers and implementation of Dangerous Machines Regulation Act.

The Department also carries out certain other facilitation functions such as soil testing, soil & water conservation, credit assessment and arrangement,

training to farmers, farm mechanization, crop insurance, arranging PP diagnostic teams visits whenever necessary, disaster management, monitoring and evaluation and extending technical assistance to other agencies etc.

In recent past, the agriculture sector has been exposed to global competition in the era of WTO, liberalization and economic reforms, climatic variations (Climate Change), market fluctuations, declining public investment in agriculture and irrigation sectors, shrinking resource base and demand for agriculture land for usage in non-agriculture sectors. In view of these reasons, the Department of Agriculture has to play very crucial role in transfer of updated technology to the farmers to increase production and productivity of crops as well as reducing cost of cultivation and for sustainable agriculture and make farming profession more productive, competitive and raise to global standards for exports and bring back the past glory of the farmers.

AGRICULTURE OVERVIEW

Agriculture is the main occupation of population of Telangana State. The share of Agriculture sector to the Gross State Value Added (GSVA) in 2014-15 is 8.6 percent at current prices. About 55.49% of State population is dependent in some form or the other for livelihood. Rice is the major food crop and staple food of the state. Other important crops are Cotton, Maize, Soyabean, Redgram, Ground nut, Bengal gram, Jowar, Bajra, Ragi, Small millets, others and Sugarcane. Telangana is a predominant grower of cotton, paddy, and maize,

The State of Telangana is endowed with immense natural resources. The total Geographical area is **276.96 lakh acres** with a Gross Cropped Area of about 142.68 lakh acres. The details of Cropped Area, Net Cropped Area etc. given below:

SNo	Category	Area in Lakh Ha	Area in Lakh acres	% to Total Geographical area
1	Total Geographical area	112.13	276.96	100.0
2	Forest	26.99	66.67	24 .07
3	Barren and un cultivable land	6.07	15.00	5.42
4	Land put to non-agril. Uses	8.34	20.61	7.44
5	Cultivable Waste	1.79	4.44	1.60
6	Permanent pastures and other grazing lands	2.99	7.39	2.67
7	Land under Misc. tree crops, Groves not included in Net area sown.	1.12	2.77	1.00
8	Other fallow lands	7.51	18.56	6.71
9	Current fallow lands	10.67	26.37	9.52
10	Net Area sown	46.62	115.15	41.57
11	Gross Area sown	57.77	142.68	
12	Farm Families (number in lakhs)	59.48		

SOILS:

In the State, there are varieties of soils ranging from **fertile alluvial to very poor sandy soils**. Red soils are predominant accounting for 48 percent of the total area. Other soil types in the State are black cotton soils, alluvial, rocks and boulders accounting for 25 percent, 20 percent and 7 percent of the area respectively. The soils in Nizamabad, Warangal and Nalgonda districts are deficient in nitrogen (less than 44%). Phosphorous deficiency (less than 55%) is prevalent in the districts of Adilabad, Medak, Mahabubnagar and Nizamabad Districts

SOCIO ECONOMIC CHARACTERISTICS:

Telangana has a population of 3.50 Crores, 1.76 crores (50.28%) males and 1.74 crores (49.71%) females, as per 2011 census. There are 988 females per 1000 males. The literacy rate is 66.54% with 75.04% for males and 57.99% for females.

OPERATIONAL HOLDINGS:

Agriculture production depends, to a considerable extent, upon the size of the unit of cultivation. According to the census, the average size of land holding per farmer in the state during 2010-11 is at 1.12 hectares and it has fallen to 1.00 hectare due to further fragmentation of the farm holdings, since more than 70% of rural population is dependent on Agriculture only.

The total numbers of operational holdings in the State are 59.48 lakhs covering an area of 61.7 lakh hectares. The Number of operational holdings belonging to various categories (2015-16 census) is indicated below

S.No	Category	Number of Holdings (in lakhs)	percentage
1	Marginal (below 0.5 to 1.0 ha)	38.40	64.56
2	Small (1 to 2.0 ha)	14.09	23.69
3	Semi Medium(2-4 -ha)	5.64	9.48
4	Medium (4-10 ha)	1.26	2.12
5	Large (>10 ha)	0.09	0.15
Total		59.48	100

The majority land holding fall under the category of marginal i.e., below 0.5 to 1.00hectare. The % of marginal holdings has increased from 61% (2010-11 census) to 64.56%(2015-16), small farmers are 23.69% in number, whereas semi-medium and medium holdings comprises of 9.48% and 2.12% respectively, while large holdings are only 0.15%. The average size of holding in Telangana state is 1.00 ha or 2.47 acres as compared to 1.12 ha or 2.76 acres (2010-11 census)

(Source: Agricultural Statistics at glance 2017-18 (2015-16 census)).

RAINFALL:

Agriculture in Telangana is dependent on rainfall and agricultural production depends upon the distribution of rainfall. The influence of South-West monsoon is predominant. South-West Monsoon (79%) is spread over the period from June to September, North-East Monsoon (14%) from October to December and the rest of 7% rainfall is received during the winter and summer months. The season wise breakup generally is as follows:

S.No	Season	Rainfall Received (mm)
1	South – West Monsoon	713.5
2	North – East Monsoon	129.5
3	Winter Season	11.5
4	Hot Weather	50.8
Total		905.3

IRRIGATION:

The Government is giving top priority to irrigation and accordingly new irrigation projects have come up to increase the area under irrigation to the extent of more than one crore acres. The Gross area irrigated in the State during 2019-20 has increased to **77.37 lakh acres** from 50.09 lakh acres showing an increase of 44.52% and the Net irrigated area in the state has increased to 54.16 lakh acres from 36.70 lakh acres which is an enhancement of about 48.80%. Irrigation Intensity for 2019-20 is **1.42**.

(Source: DES 2019-20)

CROPPING INTENSITY:

Cropping intensity is one of the indices for assessing the efficiency of agriculture sectors. It is nothing but raising number of crops on the same field in a year. The cropping intensity i.e. the ratio of Gross area sown to Net area sown during **2019-20 is 1.24**. The level of cropping intensity moves in accordance with the behavior of the Monsoon and availability of water in irrigation sources. Higher cropping intensity implies higher area sown more than once.

The level of cropping intensity moves in consonance with the behavior of the monsoon and availability of irrigation water.

AGRO CLIMATIC ZONES:

Based on climatic parameters i.e. Rainfall, Soils and cropping pattern etc. the state is divided in to 3 Agro-climatic zones.

S.No	Name of the Zone	Districts	Head Quarters
1	Northern Telangana Zone	Adilabad, Nirmal, Komurambheem, Asifabad, Jagtial, Mancherial, Peddapalli, Karimnagar, Rajanna Sircilla, Nizamabad, Kamareddy	Jagtial
2	Central Telangana Zone	Sangareddy, Medak, Siddipet, Janagaon, Warangal (Urban and Rural), Mahabubabad, Bhadradi Kothagudem, Khammam, Jayashankar Bhupalpalli, Mulugu	Warangal
3	Southern Telangana Zone	Vikarabad, Hyderabad, Yadadri Bhuvanagiri, Mahabubnagar, Wanaparthy, Jogulamba Gadwal, Nagarkurnool, Narayanpet, Nalgonda, Suryapet, Malkagiri-Medchal, Rangareddy	Palem



	Northern Telangana Zone
	Central Telangana Zone
	Southern Telangana Zone

The agricultural planning for each zone is supported with the research and recommendations of Regional Agricultural Research Stations of Agriculture University

CROPPING PATTERN

In Telangana State crops are grown in both Vanakalam and Yasangi seasons. During 2019-20, the area under all crops during Vanakalam was 122.66 lakh acres and during Yasangi it was 53.82 lakh acres against the normal of 107.09 lakh acres and 31.58 lakh acres respectively.

Food crops occupy major portion. However from 2001-02, the food crop area has reduced over a period of time and came down to 64% during 2019-20 from 71% during 2001-02. The area under nonfood crops increased to that extent. Cotton, Paddy, Maize, Soybean and Pulses during Vanakalam and Paddy, Groundnut, Bengalgram during Yasangi are the major crops.

DEPARTMENTAL MANDATE & OBJECTIVE

1. The Department of Agriculture has been created mainly to provide Agricultural Extension Services to farmers and to transfer the latest technical knowledge to the farming community, introduction of high yielding varieties, laying demonstrations, imparting training to farmers to improve skills and knowledge to boost up the agricultural production and productivity.
2. The other objectives of the department are to assess requirements of agriculture inputs well in advance and to monitor timely supply of seeds, fertilizers and Pesticides, Implements, credit etc to farmers.
3. The department also performs the statutory function under various Acts and Regulation orders (i.e., Quality Control) to ensure supply of quality inputs i.e., seeds, fertilizers and pesticides to farmers and implementation of Dangerous Machines Regulation Act.
4. The Department also implements different schemes.

VISION OF THE DEPARTMENT

The Department of Agriculture has played a pivotal role in 1960s and 70s in enhancing the food grain production from level of deficit to attaining self-sufficiency in food grain requirements by effective implementation of GoI schemes like HYV programme, Grow more food and as a result there was a Green Revolution in the country. The Agriculture Department has acted as a bridge between Agriculture Research and farming community in dissemination of technology from lab to land and bringing farm problems from land to lab. The Agriculture extension has contributed significantly in increasing agriculture production and indirectly in contribution of agriculture sector in overall GDP of the country up to 1990.

The Department has the following focus areas to concentrate upon to support the farmers to face emerging challenges and to make agriculture as an economically viable enterprise.

1. Effective extension
2. Diversification of Agriculture especially in rainfed areas
3. Effective inputs/farm resources Management
4. Climate resilient crop production
5. Harnessing of irrigation resources
6. Risk mitigation
7. Reducing cost of cultivation
8. Problem Resolving through group approach
9. Promotion of post-harvest technology & Value addition to face market challenges

1. EFFECTIVE EXTENSION:

1. One extension personnel is working for every 2000 ha of crop area for effective and close monitoring of crop growth, pest and disease, inputs availability, credit flow, insurance coverage etc, and timely advice to farmers.

2. Bottom up approach planning for input requirement/machinery etc for designing schemes in true spirit to address the technical gaps in crop production.
3. Re-synthesis of the technological package of the crops through a joint effort of researchers, extensionists and farmers by assessing the gap in the adoption of technology and using it for best results.
4. Use of Information technology tools for quick dissemination of information to the farmers for timely adoption of technology for better crop production
5. Problem solving through farmers' federation like RythuSamanvayaSamithis& Farmers Producer Organizations.
6. Crop Colonies approach for demand driven crop production.
7. Effective use of mass media frequently for wider area coverage and quick dissemination of information.
8. Regular refresher training programmes to extension personnel to update technical knowhow to face the new challenges in the field like climate change, genetically modified crops, bio-fertilizers, bio-pesticides, non-pesticide practices etc.

2. DIVERSIFICATION OF AGRICULTURE ESPECIALLY IN RAINFED AREAS:

1. Promoting integrated farming systems in order to ensure maximum returns to the farmers and also to mitigate the impacts of drought, flood or any other extreme weather events.
2. Promoting farming practices with a focus on water use efficiency, Nutrient Management & livelihood diversification for sustainable development in rainfed areas.
3. Promoting water harvesting technologies for effective utilization of rain water through Farm ponds, Check dams, Percolation tanks and other soil and water conservation structures and techniques.

3. EFFECTIVE INPUTS/FARM RESOURCES MANAGEMENT:

1. Supply of quality inputs viz. seed, fertilizer and pesticides on time to farmers
2. Balanced use of fertilizers based on soil test results and increasing Seed Replacement Rate.
3. Promoting Organic farming, natural farming & precision farming as far as possible

4. Use of bio-fertilizers & bio pesticides to reduce the cost of cultivation and to safe guard ecosystem.
5. Improving the water use efficiency by adopting micro irrigation systems.
6. Facilitation in timely Agricultural Credit to farmers
Using Farm Mechanization for cost reduction.

4. CLIMATE RESILIENT CROP PRODUCTION

Basically, using suitable crop varieties, soil and water conservation measures, following recommended crop production technology, coverage under crop insurance, farming systems approach etc., can help in facing adverse climate impacts and to obtain higher net income to farmers.

5. HARNESSING OF IRRIGATION RESOURCES:

1. For harnessing the irrigation potential to the maximum extent possible, the State Government has taken up "Mission Kakatiya" and "Construction of Major Irrigation Projects" to provide irrigation to more than one crore acres in the state.
2. Improving the efficiency of irrigation network
 - a) Promoting SRI type of cultivation in paddy for increasing water use efficiency
 - b) Discouraging mono cropping of paddy under projects and tanks by introducing ID crops as second crop instead of paddy
3. Promoting Precision Irrigation like Drip irrigation & Sprinkler irrigation.

6. RISK MITIGATION:

- a. Crop Insurance is being promoted by the department through PMFBY, RWBCS schemes covering the risk of crop failure.
- b. Input subsidy to farmers towards crop losses due to natural calamities
- c. Investment support of Rs. 4000/- per acre per season to farmers.

7. REDUCING COST OF CULTIVATION

- a. Farm Mechanization to reduce the cost and drudgery
- b. Adoption of suitable varieties

- c. Following recommended package of practices
- d. Integrated Crop Management practices which include Integrated Nutrient Management, Integrated Pest Management, Integrated Weed Management and Water Management Practices.

8. PROBLEM RESOLVING THROUGH GROUP APPROACH

Federating farmers can yield good results by resolving the problems confronting agriculture through group approach. Particularly, the issue which is common to all the farmers can be resolved effectively.

RythuSamanvayaSamithis are formed in every village, mandal and district by the department and the same are functioning effectively in this direction. The farmer producer organizations formed by NABARD are also function for the cause of farmers with active involvement of the department. Similarly, commodity interest groups also help farming community in realizing good price for their produce by the value addition etc.

9. PROMOTION OF POST-HARVEST TECHNOLOGY & VALUE ADDITION TO FACE MARKET CHALLENGES:

1. Educating farmers regarding prevention of post-harvest losses due to rodent, pest and diseases.
2. Encouraging the farmers to avail the benefits of RythuBandhu Scheme of Marketing department to store their produce during market glut and to sale in off season or when the market rates are high.
3. Educating farmers to take up value addition by processing produce to realize more income by forming commodity interest groups.
4. To help the farmers in developing market linkages with public and private entrepreneurs for getting better price and to produce what the entrepreneur requires.
5. To educate the farmer to utilize the information technology tools to know the price trends, demand position, market practices and communication network when to sell his produce.

ORGANIZATION-FUNCTON AND DUTIES

[Section 4(1) (b) (i)]

S.No.	Name of the Organization	Address	Functions & Duties
1	O/o. Commissioner & Director of Agriculture, T.S. Hyderabad	Opp. To LB Statadium, Hyderabad	<p>Empower the farmer to succesufly raise a crp with effective extension mechanism such as motivation training demonstration,s exhibitions, interactions, field visits etc in ordr to make full use and post harvest technology.</p> <p>Enable procure timely and cost effective agricultural inputs such as seed, fertilizer, pesticides, farm implements and credit as much as required.</p> <p>Regulate the quality of inputs through Acts and Governamnce.</p> <p>Provide a farm plan with optimal crop menu dullyl desisting from high water consuming and less investiment crops.</p> <p>Steer the farming in the direction of eco friendly approaches by gradually dispensing with the inorganic</p>

S.No.	Name of the Organization	Address	Functions & Duties
			<p>inputs and moving towards organic farming for long lasting benefits.</p> <p>To implement programmes of Natural Resource Management for sustaining land productivity and environmental harmony through watershed development approach.</p> <p>To provide technological and financial assistance in the event of calamities such as drought, floods, hailstorm etc.</p> <p>Strengthen institutional mechanism for collective acation mutal interest.</p> <p>Work for gender reforms to harness the potential of both men and women farmers.</p>

CHAPTER-3

POWERS AND DUTIES OF OFFICERS AND EMPLOYEES

[Section 4(1)(b)ii]

STATE LEVEL

COMMISSIONER AND DIRECTOR OF AGRICULTURE (HOD):

Head of the Department i.e., the post Director of Agriculture was created and continued since formation of Andhra Pradesh State w.e.f.1.11.1956. If the incumbent posted against the post of Director of Agriculture is of Secretary Cadre, it will be called as Commissioner and Director of Agriculture and if a junior IAS officer is posted, it will be called only as Director of Agriculture. This is a Cadre Post.

Supporting staff were sanctioned under different Schemes at different times to implement all food production programmes effectively to increase food production and productivity and enforce the Acts/Rules.

FUNCTIONS:

a) Regulatory, appellate authority (where ever applicable) functions in respect of the following laws:

1. Seeds Act, 1966 and Seeds Rules 1968
2. Seed (Control) Order, 1983
3. Insecticides Act, 1968 and Insecticide Rules 1971
4. Fertilizer (Control) Order 1985
5. Fertilizer (Movement Control) Order, 1971
6. A.P. Cotton seed (Regulation of supply, distribution, sale and fixation of Sale price) Act 2007 and Rules there under
7. Environment Protection Act 1986 and Rules there under to the extent of provisions applicable to GM seeds.
8. Essential Commodities Act 1955
9. Dangerous Machines (Regulation) Act, 1983 and Rules there under

b) Administrative Functions:

1. Recruitment, regularization of Services, declaration of Probation, extension of Probation for the posts for which the Head of the Department is the appointment authority.
2. Prepare / arrange to prepare and maintain / arrange to maintain seniority lists for all the categories of Posts in the department.
3. Preparation of Panels and effecting promotions promptly
4. Effecting Transfers as per the guidelines issued by Government from time to time.
5. Ensure strict discipline at all levels of functionaries
6. Ensuring Maintenance of Personal files in the prescribed formats and ensure prompt communications of adverse remarks if any and finalize appeals made there on within the time bound programme regularly every year.
7. Notification of Vacancies to the appropriate recruiting Agencies through Secretary, Finance and Planning (SMPC), Government of Telangana.
8. Ensuring proper maintenance of Roster Register for all categories of Posts as laid down in Rule 22 of A.P. State and subordinate Service Rules, 1996.
9. Ensuring maintenance of Statements every year before 15th January of succeeding calendar year in prescribed formats of Annexure – I, II, III from all employees above the category of Record Assistants in the Directorate and districts.
10. Ensure issue of orders under Automatic Advancement Scheme to all eligible employees of different levels of functionaries for which he/she is the appointing authority.
11. Ensure prompt and timely action in all misappropriation / embezzlement / disciplinary cases.
12. Ensure prompt filing of counter affidavits with relevant documents effectively.

- 13.Ensure quick settlement of Public Grievances/Petitions/employees grievances.
- 14.Deputation of officers/staff to other departments / countries/States for furtherance of their skills.
- 15.Ensure timely sanction of leave.
- 16.Imparting training to in-service personnel.
- 17.Observe courtesies in dealing with Members of Parliament Rajya Sabha / Lok Sabha , M.L.As
- 18.Conduct review meeting of departmental officers regularly
- 19.Updation of Manuals and Service Rules
- 20.Attend all meetings at Govt. Level/Govt. of India, PJTSAU/Govt.of India Institutions and other State Departments.
- 21.Expeditious settlement of pensions and Pensionary benefits of staff.
- 22.Ensure prompt submission of replies of PAC/LAQs/Lok Sabha and Rajya Sabha Questions.
- 23.Ensuring Inspections of DAOs Offices / Joint Director of Agriculture (Soil Correlator), SAMETI, Labs etc., and ensure maintenance of Registers and records and see that all units work effectively.
- 24.Take prompt action as Licensing Authority and Appellate Authority under relevant laws.

c) Accounts Functions:

1. Ensure Proper maintenance of Cash and Cash Accounts as laid down in A.P.F.C./Treasury Code.
2. Ensure proper maintenance of Service Registers of all the Staff/Officers.
3. Ensure timely release of increments to all officers/staff, Fixation of Pay/settlement of claims
4. Obtain sanctions from Government and communicate to subordinate staff.
5. Arrange to obtain/submission of Number Statements /B.E./RBE/ Excess and Savings Statements.

6. Ensure timely release of budget grants to Subordinate Officers.
7. Ensure conduct of audit of accounts of all heads of offices promptly and settlement of objections.
8. Ensure prompt action on all PAC objections /AG's Audit Objections.
9. Ensure reconciliation of Departmental figures with those booked by Treasury authorities, both receipts and expenditure.
10. Ensure proper maintenance of Registers and records at Headquarters office and subordinate offices.
11. Ensure recovery of Pension and Leave Salary Contribution from Foreign employers
12. Ensure recovery of Contributions from Pay Bills of Officers/staff towards
 - A.P. Employees Welfare Fund /GPF/CPS /APGLI /APSEGLI/ Income Tax/Professional Tax/Loans and Advances
 - Ensure issue of Utilization Certificate.

d) Technical/field functions:

1. Prepare Plan of action to achieve the objectives and goals of the Department.
2. Ensure full control over the staff and grounding of the schemes
3. Ensure grounding of all the State / Centrally Sponsored Schemes properly as per guidelines and utilize grants in full and to increase the productivity and agriculture Production in the State
4. Ensure implementation of subsidized schemes more transparently
5. Visit as many offices as possible surprisingly and check the work being done by various levels of functionaries/Laboratories/all Farms and guide them for proper and effective functioning of the Department.
6. Arrange communication of latest technology to all levels of functionaries. Ensure effective Agricultural Extension for transfer of latest technology to farmers from time to time.

7. Ensure proper rapport with line departmental heads / Govt. of India Institutions (I.C.A.R. Institutions) PJTSAU/Scientists
8. Ensure proper Research – Extension Linkage
9. Arrange imparting in service trainings to all Executive staff/Officers at regular intervals to update their knowledge and skills.
10. Arrange Seminars / RythuSadassulu / Kisan Melas / Exhibitions and demonstrate latest technologies in Agricultural Extension
11. Formulate and arrange communication of guide lines for timely implementation of departmental programmes etc.,
12. Review of work done by various levels of functionaries and guide them to achieve the targets/objectives of the schemes at frequent intervals.
13. Ensure proper organization of Minikits/On-Farm Demonstrations
14. Assess requirement of inputs sufficiently in advance for every season, monitor supply and distribution of inputs properly without allowing any artificial scarcity.
15. Arrange meetings with Inputs supplying agencies/dealers/distributors, and ensure supply of quality inputs
16. Ensure Crop Cutting Experiments, maintenance of Rainfall, Agricultural statistics season wise / Crop wise / Mandal / District wise
17. Encourage Integrated Pest Management
18. Ensure drawl of Soil Samples/ analyses/communicate results (SHCs) along with recommendations of lab for optimum use of fertilizers and take follow up action with the assistance of extension staff
19. Arranging pest surveillance and PP campaigns
20. Ensure implementation of Dry land / rainfed development, watershed development programmes in the State
21. Enforce all related Acts, Rules, effectively for quality control of seeds, fertilizers and pesticides
22. Ensure timely assessment of damages due to natural calamities and arrange relief measures

23. Involve Non-officials / local people / representatives in all official functions arranged by the Department and observe protocol
24. Ensure involvement of people representatives in implementation of Departmental Programmes / Schemes transparently.
25. Ensure economy in use of Stationery/ Electricity/Telephone/Vehicles/ Water
26. Ensure timely submission of periodicals to State Government / Govt. of India
27. Visit and ensure proper functioning of all Laboratories/Farmers Training Centres
28. Ensure prompt settlement of grievances received from public regarding implementation programmes / schemes.

ADDITIONAL DIRECTOR OF AGRICULTURE-I

- He/ She is responsible for implementation of all extension activities.
- Ensuring all activities of Soil Correlator.
- SAMETI activities-sanctions, Trainings and all activities of SAMETI as head of office.
- Licensing Authority as per the Act relevant.
- Assists Commissioner of Agriculture in all the aspects as per the subjects dealt.
- Quality control activities and ensuring supplies of Agriculture inputs as per the subject allotted.
- He/She looks after subjects of Agricultural Extension, FTCs, Publicity, coordinates FTCs ,SAMETI., all staff trainings/deputing within and outside the country and extension research linkages, organizing Kisan melas, farm consultation scheme etc.,
- In the event of Natural calamities coordinates with District Agricultural officers, Disaster management Department, State Government,

Government of India, on enumeration and processing of input subsidy etc., also Publicity work involving Printing, editing, publishing farmers monthly News Magazine (Padipantalu). Agricultural newsletter, regular feeding of extension messages to farmers through Radio, Television and press. Video filming of good demonstration activities of the department in the state Agricultural exhibition on 15th August and Republic day. Monitor the feedback information appearing in the press and other media.

- Interact with farmers and to ascertain their problems confronting in growing different crops in different parts of the state and to find out/suggest solutions for redressal of their grievances by bringing it to the notice of Head of the Department and concerned scientists of ANGRAU and ICAR.
- Attend ZREAC Meetings/Bankers/Insurance Companies/and to maintain close liaison with various Government Departments /non-Government Organizations / Panchayat Raj Institutions, discuss and interact with them and bring the problems of farmers to improve production and productivity.
- Attend seminars and group meetings in the districts allotted by the Commissioner and Director of Agriculture during their visits to the concerned districts.
- Inspect Farmers Training Programmes and suggest for further improvement in the training Programmes.
- He/she will meet District Collector during his tours and appraise the activities of the department.
- He/she will visit On-farm Demonstrations/ Minikits and observe performance of the performance of the varieties.
- He/she will also inspect the work of different levels of functionaries during his visits to the districts.
- He/she will review the Progress of implementation of the Schemes and programmes of the department.
- He/she will review the availability of inputs / quality/and price during visits to districts concerned.

- He/she will represent the department in the absence of Commissionerate and Director of Agriculture in various meetings pertaining to the subject allotted.
- He/she will also conduct enquiries in the cases in which he/she was appointed as Enquiry Officer under T.S.C.S (C.C & A) rules, 1991 for any petitions received against staff members which were specifically entrusted through an order of the C& DA.
- He/she will attend to LAQs/Rajya Sabha Questions/ Lok Sabha Questions in respect of the subject being dealt by him.
- Monitors supply and distribution of pesticides including quality control.

ADDITIONAL DIRECTOR OF AGRICULTURE-II

- Administration including administration and activities of engineering section of the Department.
- In charge for all activities related to planning and maintenance of statistical information.
- Implementation of Crop Insurance scheme, activities and matters related to Agricultural Credit and Information technology.
- Quality control activities and ensuing supplies of Agricultural inputs as per the subject allotted.
- Implementation of Schemes like NFSM, NMOOP, NRM, PKVY, RAD, PMKSY, Crop Colonies, Soil Health Cards, Soil Health Management.
- He/she is also in charge of Plant protection, Pest surveillance including enforcement of Plant Protection Acts and Rules and I.P.M.
- Inspect the implementation of the departmental schemes in the district allotted and guide the field functionaries for proper implementation of On Farm demonstrations, Organization of Minikits, Seed Village Programmes, Mechanization of Agriculture, Pest Surveillance measures to be taken to prevent attack of pests and diseases. Suggest effective and timely plant protection measures. Use of optimum doses of Fertilizers, encourage use of organic manures and Biological control measures. Visit the districts up

to mandal level in the districts allotted by the C & DA, Conducting Inspections in the office of District Agriculture Officers. Conducting surprise visits to sub Divisional level, Mandal level, offices to find out lapses if any and to guide them for effective functioning of the department.

- Assists Commissioner of Agriculture in all aspects as per the subject dealt.

Assist the C & DA in administrative matters of the following items.

- a. Proper functioning of the Commissionerate.
- b. Processing of all files connected to the service matters of all Gazetted Officers from the category of Assistant Director of Agriculture to Additional Director of Agriculture / Administrative Officers and all categories of employees in Commissionerate such as:
- c. Preparation of panel for promotion to all Gazetted categories
- d. Preparation and maintenance of seniority lists of all categories of Gazetted Officers and all categories of employees in Commissionerate
- e. Processing of files for appointments, promotion and transfers including deputation to other Agencies / Institutions/ Foreign services, sanction of leave, appointments under AA Scheme, sanction of additional charge, pay, sanction of medical reimbursement charges etc.
- f. Maintenance and scrutiny of confidential reports, notification of vacancies to TSPSC.
- g. Processing of files to take prompt action on all disciplinary cases in the department.
- h. Processing and issue of retirement notices to the above categories of employees at least six months in advance prior to attaining the age of superannuation.
- i. Sanction of telephone bill, electricity bills, water bills etc. of the Commissionerate.

- j. He/she is in charge of all Establishment sections including engineering section in the office of C&DA.

DIRECTOR SAMETI

He / She is head of the State Agricultural Management Extension Training Institute, Old Malakpet, Hyderabad which is an autonomous body, assisted by ADAs and AOs in imparting trainings to departmental officers in various subjects.

- The Director, SAMETI shall be the Chief Executive Officer of SAMETI and custodian to all records relating to SAMETI and correspondent behalf of SAMETI.
- He/She also take on records of all minutes of SAMETI to convince both the bodies of SAMETI with the permission of the chairman.
- He/she guides the treasurer in preparing the budget and expenditure statement to put before the General Council for its approval.
- He/she shall be the Chairman of the Academic Committee. Every meeting of the Academic Committee shall be presided by the Chairman and in his absence the Academic Committee will elect the Chairman for the specific meeting.
- He/she will be monitoring ATMA scheme activities.
- He/she is responsible for matters related to administrative matters of SAMETI staff.
- Maintenance of PD account pertaining to all the schemes.

JOINT DIRECTOR OF AGRICULTURE-I

- Assists the Additional Director of Agriculture concerned and the Commissioner of Agriculture in all the aspects of the subjects dealt.
- Implementation of Farm Mechanization, RythuBandhu and deals with the activities related to Information technology in Agriculture..
- Quality control activities and ensuring supplies of Agricultural inputs as per the subject allotted.

- Responsible to function in all administrative matters and assist Additional director concerned.

JOINT DIRECTOR OF AGRICULTURE-II (SOIL CORRELATOR)

- He/she is Head of Soil correlator Office
- Incharge for Soil Testing and activities related to soil testing/soil survey in the state.
- Review, inspections, technical sanction for purchase of chemicals and instruments in Soil testing labs.
- Presentation of reports to higher authorities, attending meetings connected to subjects dealt.
- Drawing and Disbursing Officer for the staff working in Soil correlator wing.
- Controlling officer of all Soil Testing labs in the state.
- Implementation of all extension activities and schemes allotted including crop colonies.
- Quality Control and ensuring supply of agricultural input as per the subject allotted.
- Acts as scientific Development Officer to supply different scientific equipment to soil testing labs.
- Assists the Additional Director of Agriculture concerned and the Commissioner of Agriculture in all the aspects of the subjects dealt.

JOINT DIRECTOR OF AGRICULTURE-III

- Maintaining statistical data pertaining to the crop areas, Rainfall, Irrigation etc. as a part of monitoring and evaluation.
- In charge of planning wing, O/o C&DA and activities under RKVY scheme
- Assists the Additional Director of Agriculture concerned and the Commissioner of Agriculture in all the aspects of the subjects dealt.

- In charge for implementation of Crop Insurance scheme, Agriculture Credit and natural calamities related matters.
- Quality regulation and ensuring supplies of Agricultural input as per the subject allotted.

DEPUTY DIRECTOR OF AGRICULTURE (FARM MECHANIZATION)

- Preparation of guidelines and yearly action plan for distribution of farm Implements /Equipments /machines to the farmers.
- Planning Budget Estimates, Revised estimates etc., release of Budget to Districts and ensuring proper expenditure of Budget released.
- Ensuring timely supply of implements /Equipments /machinery to farmers.
- Attending to all queries including RTI questions correspondence, Parliament, assembly and Council questions etc.,
- Submission of reports on time to superiors including the Government.
- Assisting the JDA / Addl. DA and Commissioner of Agriculture in all the matters related to the subject including attending the meetings as per directions of superior officers.
- Responsible for proper work distribution among all the staff in the section and to guide them for ensuring effective work.
- Discharging all duties and responsibilities for all activities as DDA, IT Cell, RythuBandhu scheme or any other scheme allotted by C&DA.
- Ensuring timely uploading of information /beneficiaries list in SC, ST portal etc., as required.
- Ensuring proper maintenance of records, files and all related Accounts pertaining to the sections held.

DEPUTY DIRECTOR OF AGRICULTURE (PLANNING)

Overall supervision of Planning Section of C & DA's office and assists higher officers.

1. Preparation of Annual Action Plan and Plan Budget Allocations under schemes.

2. Preparation of S.C Plans, S.T Plans, Special Development Fund related budget.
3. Self-appraisal report of C & DA.
4. Co-ordination with Secretariat.
5. Preparation of notes for Chief Minister's meetings and other Government level meetings.
6. Preparation of notes for
 - National Conference : for Kharif & Rabi seasons
 - Zonal Conference : for Kharif & Rabi seasons
7. Preparation of budget speech of Governor/Finance Minister/Agriculture Minister.
8. Attending of LAQs, Lok Sabha and Rajya Sabha questions.
9. Preparation of notes for Collectors Conference
10. Coordination with all officers and sections in the Commissionerate for submission of reports to State Govt. & Govt. of India.

DEPUTY DIRECTOR OF AGRICULTURE (SEEDS)

1. To supervise the work of Agriculture Officers (QC) and Seeds.
2. To assist JDA (Seeds) in monitoring and supply of Seeds, convening of seed producers meeting.
3. To assist JDA (Seeds) for convening of meetings of State Seed sub-committee, communication of agenda, processing and forwarding of proposals for notification of seed cultivars.
4. Preparation of notes for Zonal conference on seeds.
5. Timely issue of consents on prosecution on seeds.
6. Review of the work done by State Seed Testing Laboratories.
7. Assist Addl. DA (Crops) in timely issue / renewals of Seed Licences.

8. Assist the Addl. DA looking after seeds subject in timely issue/renewals of seed licences.
9. To prepare replies to LAQ / Parliament questions.
10. Enquiring into complaints related to spurious seeds and correspondence related to therein.
11. Timely communication of guidelines to the District Agriculture Officer's in respect of Seed Law Enforcement.
12. Assess seed requirement and plan for seed supply in the state.
13. Supervise and monitor all activities related to Seed Farms and seed Village Scheme.
14. To act promptly on all court cases related to seeds.
15. Public Information officer under RTI Act 2005 pertaining to the cases of all districts in the state.
16. Performs all duties, functions and responsibilities related to the schemes as may be entrusted by C & DA.

DEPUTY DIRECTOR OF AGRICULTURE (EXTENSION)

Assists State Administration in formation and implementation of various Agriculture Extension activities and all staff trainings and farmers training programmes, Research and Extension linkage programmes as detailed below:

He/she will be in-charge of the following programmes at Commissionarate:

1. All Agriculture Extension activities.
2. Agriculture Extension through public sector, N.G.Os, Farmers Organization, Farmers Clubs, K.V.K etc.
3. All farmers training programmes including that of F.T.Cs, A.M.C level trainings, A.M.C level interaction programmes.
4. RythuSadassus, Kisan Melas, Farmers Day Celebrations.

5. Farmer- Scientist interaction programmes.
6. Farm Consultancy services.
7. All staff trainings including overseas trainings.
8. Deputation of agricultural Officers to study M.Sc (Ag)
9. Research–Extension Linkage–T&V system, fortnightly training programmes, Bimonthly workshop, ZREAC Meeting, half Yearly meeting with PJTSAU, State Level Research Extension Advisory Council meetings.
10. Farmers exchange programmes.
11. Correspondence relating to all training Institutes including budget release trainings and reports, audit etc., of FTC
12. Annual Administration reports of Extension section.
13. All miscellaneous items related to Agril. Extension Research - Extension Linkage, Farmers trainings etc.,
14. Overall supervision of publicity, printing, Radio and Television scripts /films production, press etc., works of the Department.
15. He/she is the protocol officer for attending to the protocol work on behalf of the Department.
16. Communicaton of news items to I&PR Department and arranging press meet etc.,
17. Participation in National / State festivals by presenting Tableaux on 15th August, Independence Day and Republic day celebration, State Formation day etc.
18. Holds full charge and responsible for all ATMA activities in tha state.
19. Looks after Rythusamanvayasamithis.

DDA (STATISTICS) /STATISTICIAN

He/she is overall responsible for the work in Statistical Section assisted by Asst. Statistician (General)

1. Preparation of Agricultural Prices Commission report for submission to the Commissioner on Cost and Prices of Agricultural Commodities – Collection of information from different sections of Directorate and different offices – Compilation of the reports received and preparation of final draft report – Getting sufficient copies of the same report for the submission to Government of India.
2. Maintenance of Support prices of various Agril. Commodities announced by Govt. of India from time to time – Preparation of weekly report on prices of different Agril. Commodities duly contacting the Departments like Marketing, Civil Supplies MARKFED, Oil Federation, Tobacco Board, Cotton Board etc., Monitoring the above prices every week.
3. Preparation of Performance Budget of the Department for the submission and distribution to all MLAs in the Assembly during Budget Session – Collection of necessary information from different sections of the department and compilation of the figures duly consulting the Finance & Planning Dept.(Secretariat) getting sufficient copies for the distribution to all MLAs after preparing draft report.
4. Collection of data on Area, Yield Production of different crops grown in the State as well as Nation from Director of Economics and Statistics, TS, Hyd., and maintenance of separate registers for the use of Commissioner of Agriculture.
5. Maintenance of Forecast report of Area, Yield and Production of different crops issued by Director of Economics & Statistics, TS, Hyderabad – Comparing them with the Department figures from time to time.
6. Maintenance of Forecast report of Area, Yield and Production of different crops issued by Director of Economics & Statistics.
7. Maintenance of attendance of the staff of Statistical Section – Leave Cards – Arrears List and files on Telugu Correspondence.
8. Evaluation of Agricultural Programmes carried out by outside agencies like Staff College of India, PJTSAU etc. attending Statistical Analysis like

growth rate of Area, Yield and Production of important crops – Attending urgent works like LAQs etc., as and when entrusted.

9. Preparation of Seasonal and Crop Condition reports – Weekly/Monthly to be submitted to Govt. of India and to Budget Speech of Ministry of Agriculture – the reports of DAOs received from the districts should be maintained properly and the information furnished by them should be compiled timely and accurately for the preparation of the above reports. Defaulting Officers in this regard should be corresponded for obtaining the information properly every week.
10. Maintenance of Daily/Weekly/Monthly rainfall status received from Directorate of Economics & Statistics, TS, Hyderabad and Indian Meteorological Dept. submission to higher officials from time to time.
11. Furnishing the required information to the Directorate of Economics & Statistics for publication of Seasonal Crop condition report and hand book of Agricultural Statistics.
12. Furnishing the information of Annual Plan Meetings and Workshops of Kharif & Rabi seasons.
13. Attending to the files relating to Agricultural administration report and other outside agencies whenever required.
14. Attending to the Statistical Analysis like growth rates of different crops and other items of work as and when entrusted.
15. Also looks after technical, credit, Natural Calamities cell as may be entrusted and performs all the duties related to the subjects allotted by the C&DA and assists the concerned Joint Director of Agriculture, Addl. Director as may be the case.

DEPUTY DIRECTOR OF AGRICULTURE (FERTILIZERS)

1. Inspect whole sale, retail and manufacturers premises at random and verify the transactions in the state.
2. When any contraventions are noticed, he should bring to the notice of Registering Authority for initiation of appropriation action.

3. Prepare budget allocation for F.C.O. labs and other quality control labs in the state.
4. Scrutinize the applications received for Certificate of Manufacture and Certificate of Marketing/registration and process the issue of the licenses.
5. Prepare the Monthly Progress report on Quality Control of Fertilizers.
6. Prepare the note on Quality Control of Fertilizers whenever required by the higher officers.
7. Attend legal cases filed in High Court in connection with quality control and Black Marketing etc.
8. Process the nominations for the training conducted at Central labs, Chennai in respect of Fertilizers.
9. Submit periodical reports on quality control of Fertilizers and authorization issued under Clause -3 for making deduction of subsidy to Govt. of India and fertilizer quality claims.
10. Process all the references pertaining to DBT in fertilizer in the O/o C&DA.
11. Attend to all works related to Fertilizer movement.
12. Performs all the duties and functions related to other schemes/ subjects as may be entrusted by the C&DA.

DEPUTY DIRECTOR OF AGRICULTURE (PLANT PROTECTION)

Assist the Commissioner of Agriculture / Additional Director of Agriculture (Extension) in the following functions:-

1. Over all supervision of Quality Control Section (PP.II) and Plant Protection-I section.
2. To process files pertaining to grant of manufacturing licence or renewal of manufacturing licences for the manufacturing units located in Telangana State.
3. To process the files of issue of marketing permission to the manufacturing units outside State, with in the State.

4. To process the administrative action on receipt of analytical results from State Pesticide Testing Laboratories with regards to the misbranded products.
5. To form squads for inspection of pesticide manufacturing units / distributors / dealer premises in the State.
6. Sending para wise remarks for appeals preferred to Appellate Authority and against W.Ps filled in High Court.
7. Processing the appeals preferred by the dealers/distributors of pesticides.
8. To assist the Addl. Director of Agriculture in conducting Quality Control review meeting.
9. To assist the Addl. Director of Agriculture in conducting meetings with pesticides manufactures with regards to the supply of pesticides.
10. To assist the Addl. Director of Agriculture in initiating administrative action based on the inspection report of the Insecticide Inspector.
11. Review and monitoring the progress of working of (5) Pesticide Testing Labs in the State.
12. Review and monitoring the progress of working of 14 B.C.Labs including providing infrastructure facilities.
13. Formulation of new schemes for organizing pest control campaigns whenever pest / disease epidemics arise.
14. Processing proposals for according administrative sanctions for purchase of P.P. Chemicals, glassware etc., to the P.T.Ls.
15. Attending to monthly review meetings at State level.
16. Correspondence on time barred chemicals disposal.
17. Monitoring the pests, diseases and rodents in the State by obtaining weekly/monthly reports.
18. Monitoring implementation of IPM season long term training programmes.

19. LAQs, Parliament Questions, C.M.P Cases.
20. Attending the files pertaining to condemnation of lab equipment by forming expert committees.
21. Attending to files pertaining to PP.I and PP.II sections.
22. Has to perform functions related to other subjects as allotted to him/her.
23. Holds full charge of Administration wing also and assists JDA (Administration) in all administrative matters.
24. Discharges duties as a scheme officer if allotted any scheme by the C & DA.

DEPUTY DIRECTOR OF AGRICULTURE (SOIL CORRELATOR)

1. He/she is the supervising authority of the Soil Testing and Soil Survey Schemes in the State.
2. He/she has to supervise and review the work of (27) laboratories and (3) Soil Survey units. Conduct the Technical Inspections.
3. Accord technical sanctions to the S.T.Ls for the purchase of chemicals and instruments.
4. He/she has to attend the meetings & seminars convened by D.A., TS, Hyderabad and Government of India.
5. He/she also acts as a Scientific Development Officer with an authority to supply the different scientific equipment to the department of Agriculture.
6. He/she has to attend the work relating to the problematic soils-survey.
7. He/she is the Head of the office, drawing & disbursing officer and responsible for all the connected duties & responsibilities.
8. Performs all the duties and responsibilities related to the other schemes/subject as may be entrusted by the C&DA.

ASSISTANT DIRECTOR OF AGRICULTURE O/O C & DA HOLDING INCHARGE OF SCHEMES:

- Assist the DDA/JDA as the case may be in all aspects related to the scheme for which he/she is in charge.
- Preparation of guidelines, action plan for the scheme held and communication to districts for implementation.
- Obtaining all reports as and when required including regular periodical reports from Districts, processing them and presentation to superior officers.
- Preparations and conducting/attending meetings whenever required.
- Advising AOs and staff working in the sections for proper and timely action.
- Necessary actions for timely release of Budget to districts.
- Follow up with districts for timely and proper utilization of Budget released.
- Ensuring timely action for uploading of information in relevant portals like SC, ST portal etc.,
- Processing all correspondence, queries, questions including RTI matters, Parliament, Assembly and Council questions etc.,
- Ensuring timely movement of files and proper custody of all files by the concerned in the section including maintenance of all accounts etc.,
- Maintenance of attendance register of all staff in the section.

ADA (EXTENSION)

Assists State Administration in formation and implementation of various Agriculture Extension activities and all staff trainings and farmers training programmes, Research and Extension linkage programmes as detailed below:

He/she will be in-charge of the following programmes at Commissionerate.

1. All Agriculture Extension activities.

2. Agriculture Extension through public sector, N.G.Os, Farmers Organization, Farmers Clubs, K.V.K etc.
3. All farmers training programmes including that of F.T.Cs, A.M.C level trainings, A.M.C level interaction programmes.
4. RythuSadassus, Kisan Melas, Farmers Day Celebrations.
5. Farmer- Scientist interaction programmes.
6. Farm Consultancy services.
7. All staff trainings including overseas trainings.
8. Deputation of agricultural Officers to study M.Sc (Ag).
9. Research –Extension Linkage – T& V system, fortnightly training programmes, Bimonthly workshop, ZREAC Meeting, half Yearly meeting with PJTSAU, State Level Research Extension Advisory Council meetings.
10. Farmers exchange programmes.
11. Correspondence relating to all training Institutes including budget release, trainings and reports, audit etc., of FTC
12. Annual Administration reports of Extension section.
13. In-charge of publicity, printing, media production, ATMA activities and Rythusamanvayasamithi matters and assist the DDA Extension, in-charge and extension in all the subjects held.

ADA (FERTILIZERS)

1. Inspect whole sale, retail and manufacturers premises at random and verify the transactions in the state.
2. When any contraventions are noticed, he should bring to the notice of Registering Authority for initiation of appropriation action.
3. Prepare budget allocation for F.C.O. labs and other quality control labs in the state.

4. Scrutinize the applications received for Certificate of Manufacture and Certificate of Marketing/registration and process the issue of the licenses.
5. Prepare the Monthly Progress report on Quality Control of Fertilizers.
6. Prepare the note on Quality Control of Fertilizers whenever required by the higher officers.
7. Attend legal cases filed in High Court in connection with quality control and Black Marketing etc.
8. Process the nominations for the training conducted at Central labs, Chennai in respect of Fertilizers.
9. Submit periodical reports on quality control of Fertilizers and authorization issued under Clause -3 for making deduction of subsidy to Govt. of India and fertilizer quality claims.
10. Process all the references pertaining to DBT in fertilizer in the O/o C&DA.
11. Attend to all works related to Fertilizer movement.

ADA (PLANT PROTECTION)

Assists DDA (PP) in C&DA's office in monitoring the following programmes at state Level.

1. Distribution of Budget to all the State P.T. Labs and District Officers under Non Plan scheme.
2. Processing the files for administrative sanction for purchase of Lab Chemicals, glassware and other miscellaneous items to the P.T. Labs in the state.
3. Monitoring of physical and financial achievements under Plant protection schemes.
4. Submission of proposals for the schemes for strengthening of P.T. Labs in the state by obtaining Government of India sanction for Grants-in-Aid.
5. Selecting and deputing the candidates for training programme in P.P.
6. Correspondence on time barred chemicals disposal.

7. Providing sophisticated equipment, machinery to all the P.T.Labs in the State.
8. Preparing Annual administration report of PP section.
9. Attending to P.A.C / Audit paras relating to P.P Chemicals etc.
10. Over all control of the staff in PP section.
11. Attending to monthly review meeting at state level. Compilation of data related to P.P reports.
12. Monitoring the consumption of and availability of pesticides in the State.
13. Monitoring the pesticides distribution through A.M.Cs.
14. Monitoring the pest control duly formulating a scheme for getting assistance from Government to organize the pest control campaigns, whenever the pest epidemics arise.
15. Processing applications for Licenses under Insecticide Act 1968,
16. Attend to Pest surveillance, monitoring of pests and diseases situation in districts, formulate suitable programmes to overcome the issues.
17. To form squads for inspection of pesticide manufacturing units/ distributors / dealers premises in the State.
18. To attend the court cases in High court.
19. Preparation of para wise remarks for the appeals preferred to appellate authority & W.P files in the High Court.
20. Processing the appeals preferred by the Dealers/distributors of pesticides.
21. To assist the DDA (PP) and Addl.DA in quality control review meetings and other related meetings.
22. Performs all the duties and responsibilities related to the other schemes/subject as may be entrusted by the C&DA.

ADA (SEEDS)

1. Assists DDA (Seeds) in all matters related to seeds movement including assessment of requirement, positioning etc. all seed farm activities seed village programme
2. To perform all the duties and functions as above as per the requirement emerging from time to time.

ADA (SEED REGULATION)

1. Perform all duties and functions related to Seed Regulation viz., ensuring sampling in seeds, deputation of squads to districts, attending to the complaints, launching of prosecution in court of law.
2. Licensing and all activities required to ensure quality seed availability to farmers.
3. Renders all assistance to the DDA (Seeds) pertaining to his/her subjects.

AD STATISTICS /ASST. STATISTICIAN

Assists the DD (Statistics) in all matters related to the subject allotted. The two AD(statistics will look after M&E section, Agriculture Credit, Crop Insurance, Natural calamities activities as per the subjects allotted and as per the scheme/section guidelines and requirements from time to time .The activities / functions to be performed in general are as listed under D.D statistics.

JOB CHART OF INFORMATION CELL:

1. Overall in charge of computer programmes and computerization of statistics.
2. The Assistants attached to information Cell will also undergo training in handling of Computers data feeding and in data entry.
3. Collect and keep computerized statistical data on all items like season and Crop conditions, Schemes, Computerization of inputs, Licences, Beneficiary lists, Laboratories, literature etc.,They will collect updated information every week/ Fortnight on different designated dates from the concerned wings. Also will keep printed leaf lets, posters, literature etc., in

adequate numbers. A few copies padipantalu and other departmental publications will be collected.

4. The Assistant Director of Agriculture incharge for information Cell will also explore areas for further computerization and prepare Audi/Video (Multi media) material for presentation of Senior Officers.
5. Maintain register on details of the visitors, issues and problems raised, mode of disposal etc.
6. The Asst. Director of Agriculture incharge for information Cell will be liaison officer for Grievance Cell. He will collect the grievances received in Commissioner & Director of Agriculture's Peshi or from Tappals including CMP's letters enter in the Register maintained in the Peshi of Commr. & Director of Agriculture and pass on to the concerned sections, persue the same, ensure redressal of grievance work with in a day to the week based on the gravity of the problem in the representation and will make an entry in the register of peshi to Commissioner & Director of Agriculture.
7. To arrange video conferences, teleconferences wherever required by the Commissioner, Principal Secretary or the Hon'ble Minister.

AGRICULTURAL OFFICERS IN O/O C & DA:

AO is the basic technical officer in the section and he will assist the ADA of the section in implementation of the scheme. He/she collects the information of the schemes and crop damage report in the event of natural calamities from districts on daily, weekly & monthly basis and prepares the consolidated report and submits to the Commissioner & Director of Agriculture. Performing all functions related to the subjects assigned.

AGRICULTURAL ENGINEERING

ORIGIN OF THE POST:

The posts of the Agricultural Engineers in the department are created as per the Government order Ms. No. 1253, Dt: 10.06.51, 2021, Dt: 06.10.55, 399 Dt: 15.02.55, 2095 (Rev) Dt: 15.09.56, 70 (Agri.) Dt: 25.01.61 and 2741 (F&A Dept.) Dt: 25.11.64. The number of the sanction posts in the state before bifurcation was as follows.

1. Executive Engineer	-	3 Nos
2. Dy. Executive Engineers	-	23 Nos
3. Asst. Engineer	-	49 Nos
4. Other supportive staff.		

After bifurcation

1. Executive Engineer	-	1 Nos
2. Dy. Executive Engineers	-	Nos
3. Asst. Engineer	-	Nos
4. Other supportive staff.		

Are available in the department.

The Engineering wing of the Agriculture department is a technical wing and is responsible to impart knowledge to farmers on Agricultural Mechanization, Modern Irrigation systems, improved implements and crop protection equipment for effective implementation of the ongoing schemes connects with the farm machinery inputs.

POSITION WITH ORGANIZATION

All the posts are permanent in nature as per Govt. orders.

FUNCTIONS:

1. EXECUTIVE ENGINEER
2. This post sanctioned vide Ms. No. 599 F&A (F.P.II) Dept DT: 14.08.1991
3. Assists Commissioner and Director of Agriculture, Addl. Directors of Agriculture and other senior officers in the implementation of the Agricultural Mechanization Program.

Executive and other Engineers

The Executive Engineers, Dy. Executive Engineers and Asst. Engineers are the technical personnel. The Executive Engineers will carry out the functions and

duties entrusted by the C&DA and other senior officers at the Commissionerate. Has state wide Jurisdiction. The Dy. Engineers and Asst. Engineers will function under the control of the District Agricultural Officers with District jurisdiction. Disseminate knowledge to the farmers on Farm Machinery and implements and will extend technical guidance. Gives wide publicity on ongoing programs of the department pertaining to the schemes concerned and the concessions extended to the farmers by the Govt. through such Subsidy programs.

EXECUTIVE ENGINEER:

Incharge of Engineering administration, supervision, allotment, maintenance and all other actions related to vehicles, incharge of Record section, Supervision of Office, Building maintenance, Water, Telephone, Electricity etc, overall incharge of modern office equipment and other machinery.

ADMINISTRATIVE OFFICER/PA TO C & DA IN O/O C&DA:

He/she is the first level supervisory officer of all files dealt by establishment sections and vigilance sections and will assist the DDA/Joint Director of Agriculture (Admn) in administration, vigilance matters & court matters.

ACCOUNT OFFICER (AO):

He/she is the Head of Accounts wing in the department assisted by Junior Accounts officer and others. He Deals with the subjects of budget, pay and allowances, pensions, loans and advances, accounts and audit as used to be done by Chief Accounts Officer earlier.

JUNIOR ACCOUNTS OFFICER:

The Junior Accounts Officer (Estt) looks after Administration (Estt) matters like wise, the Junior Accounts Officers of audit, Pension, Cash and Budget sections deal with the respective subjects and assist the Accounts Officer.

Similarly, the Senior Accountants and Junior Accountants assist the Junior Accounts Officer in respect of relevant subjects.

THE SECTION WISE FUNCTIONS ARE AS FOLLOWS:

Establishment Section:

- Sanction of all Loans and Advances to all staff of General Branch, Officer of the Commissioner and Director of Agriculture, Telangana State, Hyderabad. Correspondence with Accountant General, Telangana State, Hyderabad. Maintenance of Loans and Advances Registers, Seniority Registers etc., and also sanction of General Provident Fund Temporary Advance, and Part-final withdrawal of all Staff of General Branch, Accounts Branch and forwarding of Final withdrawal to the A.G., Hyderabad for authorization.
- All establishments matters of all staff of Accounts Branch, Director of Treasuries and Accounts Correspondence, Maintenance of Attendance Register, Casual Leave Register and Leave files etc.,
- Medical Reimbursement / Referred files from General Branch.
- Pay fixation of Gazetted Officers, Accounts and Establishment Sections.
- Maintenance of Service Register, release of increment etc.
- Release of Annual Grade Increment etc.
- Verification of correctness of pay fixations and last pay drawn of retired employees.

Budget Section:

- Overall supervision, preparation of Revised Estimates and Budget Estimates, Number Statements and release of budget.
- Release of budget for Work Plan, ATMA, Seed Village Scheme and other Central schemes.
- Release of budget for Normal State Plan and Crop Schemes and obtaining of budget authorizations from District of Treasuries & Accounts.
- Release of budget for Non-Plan Schemes
- Release of budget for Crop Schemes and Natural Calamities.

Audit Section

- Departmental Audit of all the districts and referred files from Pension sections.

Pension Section

- Verification and forwarding of Pension Proposals to Accountant General, of all districts.
- Family Benefit Fund, Group Insurance Schemes of General Branch and District Agriculture Officers on deputation.

Accounts Section

- Reconciliation of departmental figures with Accountant General, Hyderabad on receipts and expenditure of the department. And also correspondence with Accountant General and Unit Officers of this Department.
- Overall supervision and maintenance of U.D. Pay Register, Cash Book, Drawing & Disbursing Officer Account, Permanent Advance, Non-Government Register.
- Maintenance of TBR and Reconciliation with Pay and Accounts Office.
- Preparation of Pay Bills of Gazetted Officers, Accounts & Establishment branch of General Branch, Loans & Advances, Income Tax and Supplementary Bills of Gazetted Officers.

DISTRICT LEVEL

DISTRICT AGRICULTURAL OFFICER (DAO): ORIGIN

Before reorganization of districts, Joint Directors of Agriculture used to head the districts. During Reorganization of the districts, due to increase in number of districts, the number of Joint Director of Agriculture were not sufficient to head the districts.

After reorganization of the districts, the post of the district head has been renamed as District Agriculture Officer. Thus the Deputy Director of Agriculture (DDA) cadre officer has been made as District Agriculture Officer in newly

formed districts and the Joint director of Agriculture cadre officer has been retained as district head (DAO) in erstwhile districts.

He/she has overall responsibility in the district for the effective implementation of the extension programmes. He/she should provide leadership as well as exercise administrative, financial and technical control over the district extension staff. He/she is responsible for building up of high level of technical competence among the extension workers of all levels in his district.

Essential Duties:

1. Visit farmer fields at least three full days each week to review extension operations in the field and to meet farmers and extension workers, review administrative matters, Provide necessary guidance to Assistant Directors of Agriculture & AOs to improve the effectiveness of Extension activities.
2. Organize, and attend bi-monthly workshops in collaboration with research experts of the State Agricultural University and Research Institutes.
3. Participate in ZREAC meetings actively and ensure that recommended practices are adopted by the farmers.
4. For each sub-division of the District, establish a schedule of extension activities and ensure its effective implementation.
5. Determine the training requirements of the District's extension staff. Draw-up a detailed training programme to meet these requirements for long and short duration courses (at the State Agricultural University / SAMETI and National and International Institutes) to meet these needs.
6. Review the input (Seed, Fertilizer, Weedicide, Pesticide, Farm implements, Credit) demand and supply situation and co-ordinate with input agencies to meet probable demand trends.
7. Ensure that farm trials are conducted as per the district programme and that results are discussed at ZREAC & monthly workshops and are taken into consideration in formulating crop production recommendations.
8. Co-ordinate and exchange relevant information with other Departments (particularly Irrigation and Command Area Development, Animal Husbandry, Horticulture, Fisheries, Sericulture, Forestry, Electricity, Rural Development, Banking Sector etc.,

9. Ensure the timely Preparation, Publication, Procurement and supply of appropriate Extension Literature, Teaching Aids and Equipment, and ensure their effective use.
10. See that all vehicles and equipment are maintained in working condition and that all extension staff receives access to them when required.
11. Keep in close touch with the activities of the extension monitoring and evaluation unit of the University and take into account its findings that could increase the effectiveness of extension.
12. To be responsible as the Departmental District Head for implementation of all State and centrally sponsored Schemes.
13. Exercise the statutory functions under Seed Act, Fertilizer Control Order and Insecticide Act, Dangerous Machines Act.
14. Implementation of Soil and Water Conservation activities in the district.
15. Suggest cropping programme for the State Seed Farms as per the district requirement and supervision of Farm Operations.
16. Supervision of effective functioning of laboratories of Soil Testing, Seed Testing, FCO and Pesticide Testing wherever existing.
17. Programme trainings for farmers in transfer of Technology through the District Farmer's Training Centers. Arranging Field visits within the State as well as outside the State for interaction and sharing the experiences in Agriculture and allied activities.
18. Organizing the Agricultural Exhibitions, Kisan Melas to enrich and enhance Technical know-how of the farmers.
19. To create awareness and motivation among the farming community through mass media like Radio, TV and Newspaper etc.,
20. Co-ordinate and guide in water release policy in the district for medium and major irrigation projects.
21. To suggest alternative crops in the event of seasonal aberrations and arrange necessary inputs.
22. Arrange relief measures during the floods and cyclones.

- 23.Recommend scale of finance for crop loans for institutional credit through District consultative committee.
- 24.Extend necessary Cooperation in implementation of poverty alleviation programmes by Rural development, SC/BC., Corporation, ITD etc.,
- 25.Appraise the Zilla Parishad and Mandal Praja Parishads about the Departmental Programmes.
- 26.To associate in programmes assigned by the District Collector.
- 27.To ensure timely reporting and feeding of information to the Commissioner and Director of Agriculture about the District.
- 28.Associate and Coordinate with NGOs and KVKs in grounding the Agricultural programmes.
- 29.Supervision and monitoring of pest surveillance and adoption of IPM component.
- 30.Attend to any other work assigned by higher authorities of the Department of Agriculture.
- 31.Responsible for all the connected duties as Head of the office and Drawing and Disbursing officer.
- 32.The District Agriculture Officer is licensing authority under Insecticide Act, Seed (control) Order 1983 and Fertilizer (control) Order 1985 in his jurisdiction.
- 33.He/she being a licensing authority shall act expeditiously under different Acts.
- 34.Shall work in close coordination with RythuSamanvayaSamithis and coordinate with NABARD so far as Farmers producers Organizations are concerned.

ASSISTANT DIRECTORS OF AGRICULTURE (REGULAR)

a) ORIGIN OF THE POST:

Prior to formation of Andhra Pradesh, each Revenue District was headed by District Agricultural Officer (Present Assistant Director of Agriculture Cadre) and each crop development scheme was held incharge of the same level of

officers who were exclusively incharge of specific crop development schemes in the Districts, in addition to regular District Agricultural Officer who was incharge of general extension and supply of inputs, sanction of I.M.S. and Taccavi Loans etc.,

Based on the recommendations of M.T.Raju Committee each District was sanctioned with one post of Deputy Director of Agriculture in addition to District Agricultural Officer already in existence and all Assistant Directors of Agriculture, incharge of Crop Development Schemes were brought to the control of Deputy Director of Agriculture, who was the District head of the Department to have effective control at District level.

During the year, 1976, the Inputs and Extension wing were separated in G.O.Ms.No.447 Food & Agriculture (FP.II) Department dated 15.5.1976. The Agricultural Depots were placed in additional charge of Extension Officers (Agricultural) working with Panchayat Samithis, but due to separation of inputs and extension wings, each Agricultural Depot was posted with a separate Agricultural Demonstrator (now redesignated as Agricultural Officer) and separate Extension Officers (Agriculture) were posted in Panchayat Samithis w.e.f. 1.6.76. Under this reorganization set up, each Revenue Division was provided with an Assistant Director of Agriculture by redeployment of A.D.As and staff working in various Crop Developmental Schemes (Non-Plan) such as Assistant Director of Agriculture (Tobacco) Assistant Director of Agriculture (Sugar cane) and Supdts. Sugarcane Liaison Farms etc., (Non-plan crop development schemes) and they were entrusted with all extension work in their respective jurisdiction including crop Developmental Schemes and statutory functions such as issue of Licences under F.C.O. Implementation of insecticides Act/Seeds Act etc., with an independent jurisdiction. They used to work under the direct control of Deputy Director of Agriculture of the District concerned.

New posts were sanctioned under I.A.D.P. Scheme and I.A.A.P. Schemes.

Due to implementation of T&V System with the assistance of World Bank 75 new posts of ADAs (R) were sanctioned in G.O.Ms. No.307 F&A (FP.II) Dept. dt.30.7.1982 and 56 posts of Assistant Director of Agriculture were redeployed from command Area Development Dept. in G.O.Ms.No.492 F&A (F.P.II) Dept. dated 15.10.1985 w.e.f. 1.8.1985 and each Revenue Division was provided with

(4) ADAs i.e., i). ADA (R) ii). ADA (Agronomy) iii). ADA (Training) iv). ADA (PP) with the above new posts and due to re-deployment of posts of ADAs working under different crop development schemes (C.S.S.).

During the year 1993, four ADAs available at Revenue Divisional Headquarters were given an independent territorial jurisdiction by allotting 3 to 8 Mandals according to the area intensity of cultivation, accessibility / availability of ADA posts in the district. The Headquarters of sub-divisional offices were fixed at central place of the jurisdiction of sub-divisional offices and the ADAs (R) were made responsible for execution supervision of all Agricultural Activities such as statutory. Administrative, field functions, accounts and accounts management in their respective territorial jurisdiction as all ADAs (R) were declared as Heads of offices. The ADAs (R) were provided with supporting Ministerial and Class-IV staff by redeployment of available staff in the district.

The trading activities of Fertilizer/Pesticide/Seeds were given up and all Agriculture Depots and sale points were closed. The ADAs (R) were made responsible mainly for execution and supervision of extension work, Administration /Statutory/Accounts and field functions with the assistance of field functionaries i.e., Mandal Agricultural Officers, Agriculture Extension Officers and supporting office staff.

The ADA (R) is the head of the Agricultural Sub-division in the district for implementation of all Agricultural extension activities.

These posts were in existence since inception of the Department. The number of posts was increased under different crop Development Schemes in different Five Year Plan periods. 75 posts were sanctioned under T&V scheme and 56 posts were redeployed from command Area Development in moffusil offices. No post of ADA was discontinued at any stage as it is a development department. They have to work under the direct control of District Agriculture Officer concerned.

b) FUNCTIONS:

Assistant Director of Agriculture has overall responsibility in his/her jurisdiction for the effective implementation of all programmes/ Schemes/activities of the Department in his/her divisional jurisdiction.

c) ESSENTIAL DUTIES:

1. Spend at least three (3) days each week in farmers' fields visiting farmers, AOs and AEOs. The visits should be pre-scheduled to a monthly programme, but where necessary there can be surprise visits. The main purpose of the visits is to improve the quality of their work by offering constructive advice and guidance.
2. Participate actively in monthly workshops, ZREAC workshops and T & V workshops, as required.
3. During these workshops, field problems are to be brought to the notice of research scientists and their recommendations reach AOs, and ultimately farmers.
4. Ensure proper mobility to the extension staff for effective extension reach.
5. Ensure that AOs and AEOs maintain daily diaries on the work done by them when in the field, review the diaries and give suggestions for improvements where necessary.
6. Estimate possible demand of inputs, based on crops grown in each season and review the estimates from time to time with AEOs and AOs and representatives of input agencies.
7. Periodically obtain information on the input supply position from service agencies, including prices and places of availability in his area, and pass on the information to the District Agriculture Officer on gap between projected demand and supply to ensure that the requirements are met.
8. Collect information on serious pest and disease problems and natural calamities occurrences and submit to the DAO.
9. The ADAs will have to perform the duties of ADA (Regular) as well as the duties of all the subject matter specialist i.e Agronomy, PP and training.
10. Every Monday, the ADA will be available at Headquarters to meet the farmers, people representatives etc.,
11. On Tuesdays he/she will visit Mandal demonstration plots of any one Agricultural Officer's jurisdiction, conduct field visits and get feedback from the farmers, assess the implementation of the recommendations made etc., He/she will also conduct the inspection of an Agricultural Officer's office.

12. On each Wednesday he /she will conduct the field visits, note the pest and diseased situation, get the feedback from farmers and subordinates, he will also assess the recommendations being followed by the farmers.
13. On every Thursday he/she will conduct field visits in one Agricultural Officers jurisdiction and will also conduct the inspection of an Agricultural Officer's Office.
14. The ADAs will supervise conduct of Mana Telangana Mana Vyvasayam by Agricultural Officers.
15. Exercise the functions of licencing authority under FCO and perform statutory functions under all regulatory Acts.
16. To be responsible for implementation of all the departmental schemes.
17. Ensure organizing minikitsprogrammes, expanded minikitsprogrammes, adoptive research trials with feedback of performance.
18. To associate, organize and participate in the Farmers training programmes in the division.
19. To arrange soil sample collection and ensure follow up action of balanced use of Fertilisers based on soil health cards.
20. Organising Agricultural exhibitions, Kisan Melas.
21. Arrange awareness and motivation of farmers through mass media like Radio, TV and Press.
22. Supervision of Crop Cutting Experiments.
23. Associate with NGOs and KVKs in grounding the Departmental programmes.
24. Preparation and implementation of contingency programmes.
25. Arrange relief measures during Flood and Cyclones.
26. Appraise the Mandal Praja Parishads and during Gramasabhas (as and when organized) about the Departmental programmes.
27. Coordination for the poverty alleviation programmes of Rural development., SC/BCs Corporation, ITDA etc.,

28. Associate in implementation and supervision of programmes assigned by District Collector as Nodal Officer.
29. To be responsible as a Divisional Officer for reporting and feeding the information to District Agriculture Officer in all the matters.
30. To act and exercise supervisory functions at the Divisional level including administrative and Accounts matters.
31. Implementation of pest surveillance programme and adoption of IPM concept.
32. Attend to any other duties assigned by higher authorities of the Department of Agriculture (As per programme of the Department).
33. He/she is Head of the Office, drawing and disbursing Officer and responsible for all the connected duties and responsibilities.
34. Submit reports regularly to District Agriculture Officer.
35. Shall work in close coordination with RythuSamanvayaSamithis and coordinate with NABARD as far as Farmers producers Organizations are concerned.

RESPONSIBILITIES AND DUTIES OF THE REGISTERING AUTHORITY

ASSISTANT DIRECTOR OF AGRICULTURE (REGULAR):

1. The Assistant Director of Agriculture (R), who is the Registering authority under FCO, 1985 shall act expeditiously.
2. He/she must ensure that all the fertilizer dealers in his/her jurisdiction conduct sale of fertilizers duly possessing valid licences and certificate of source for all the fertilizers received by the dealer from different sources.
3. The Registering Authority must ensure that all the fertilizer dealers in his area are distributing fertilizers as per the MRPs and through PoS machines and no one is black marketing or hoarding the stocks.
4. He/she must monitor the submission of monthly returns in prescribed format by all the dealers during the season.
5. He/she must inspect the dealer shops as frequently as possible and should cover all the dealers during the season.

6. Immediately after the receipt of report from the fertilizer inspector about the violation or contravention of the provisions of FCO by any of the dealer, must initiate action for suspension / cancellation of C.R / launching prosecution against the offenders.
7. The Registering Authority must review about :
 - a) The inspection of dealer shops by the Fertilizer Inspector.
 - b) No. of samples collected as per targets.
 - c) Action initiated against the stocks of non-standard samples.
 - d) Reports submitted by the dealer in a prescribed proforma in time.
 - e) Whether sale of fertilizers to the farmers being done as per MRP and through PoS machines.
8. The Assistant Director of Agriculture (R), should submit the stock position of fertilizers, quality control reports every month to the Commissioner and Director of Agriculture, Telangana, Hyderabad.
9. The Assistant Director of Agriculture (R) must give a report on the requirement of fertilizers in his/her division during Kharif and Rabi seasons to the District Agriculture Officer.
10. Communication of analysis report to the dealer under clause-30 of FCO 1985.

MANDAL AGRICULTURAL OFFICER:

a) ORIGIN OF THE POST:

The designation of the post of Agricultural Officer was Agricultural Demonstrator prior to formation of A.P. and w.e.f.1.11.1956 and upto 1959, each Agricultural Demonstrator was in-charge of all agricultural activities and incharge of Agricultural Depots through which Agricultural Inputs used to be supplied in each erstwhile Revenue Taluks.

During the year, 1959, the Act of Zilla Parishads, Panchayat Samithies were enacted and all Agricultural Demonstrators were designated as Extension Officers (Agriculture) and transferred to the control of Block Development Officer who was the head of the Panchayat Samithies.

In addition to the existing posts of Agricultural Demonstrators 442 Posts of Extension Officers (Agriculture) now re-designated as Agricultural Officers were sanctioned under community Development Scheme, at the rate of one post to each Panchayat Samithies. Due to constitution of pre-extension blocks, the number of Panchayat Samithies was increased and the posts of Extension Officers (Agriculture) were also increased at the rate of one Extension Officer (Agri) to each Panchayat Samithi (block). All the above 442 posts of EO (Agri) were transferred from Panchayat Raj to Agril Dept., in G.O.Ms.No.52 F&A (Agri.V) Dept dt.27.11.1988.

During the year 1960, 37 posts of Extension Officers (Agriculture) were sanctioned among other posts under I.A.D.P Scheme with the grants of Ford and these posts were allotted to various Panchayat Samithies at the rate of one or two posts as Extension Officers (package) in addition to the E.O. (Agri) Sanctioned at the rate of one to each Panchayat Samithies in West Godavari Dist. The post of E.O. (Agri) sanctioned under community Development Scheme were placed in-charge of Agricultural Depots, in addition to their normal extension activities in Panchayat Samithies.

After some time the I.A.A.P.Scheme was sanctioned in which 240 posts of E.O. (Agri) were sanctioned and allotted as Package E.O. (Agriculture) at the rate of one or two E.O. (Agri) (package) to each samithi, The amount required towards salaries and T.A etc., to these Extension Officers (Agri) was used to be released as Grants-in- Aid to Panchayat Samithis and Zilla Parishad by the Department of Agriculture.

During the year 1964, due to redelenation of Blocks the number of community Development Blocks (Panchayat Samithis) and Pre-Extension Blocks was reduced, but, the posts of E.O (Agriculture) sanctioned already remained unchanged and they were attached to New Blocks (Samithis).

Thus the strength of E.O.(Agriculture) in each Panchayat Samithi was 1 to 2 under community Development Programme and 2 to 3 E.Os (Agri) under Package Programme.

All the above E.Os (Agri) used to work under the direct administrative control of Block Development Officers in Panchayat Samithis and technical and administrative Control of District Agricultural Officers. The salaries used to be

drawn and disbursed by Block Development Officers concerned. Leaves, transfers etc., used to be sanctioned by the District Agricultural officers concerned.

During the year 1976, due to bifurcation of Input and Extension wings, each Agricultural Depot, was placed under one Agricultural Demonstrator at Taluk Level, who used to attend only Inputs service i.e., distribution of Fertilizers/Seeds/Pesticides etc., and the E.O (Agri) working in Blocks used to attend to all schemes and programmes of the department in their respective Panchayat Samithis w.e.f. 1.6.1976 in addition to community development.

Due to implementation of Training & Visit System with the Assistance of World Bank in Andhra Pradesh from 1982 all the posts of Extension Officers (Agri) available in Panchayat Samithis were withdrawn from Panchayat Samithis including the posts of E.Os (Agri) sanctioned under community Development Schemes and brought under the direct control of Agriculture Department to have a single line of command. The budget used to be released on Treasury instead of releasing to Panchayat Samithis as Grants-in-aid. Due to implementation of T&V System in A.Pall the posts of AEO (Agri) in Panchayat Samithis and posts of Agril. Officers sanctioned under different plan and Non Plan Schemes, Crop development schemes were redeployed and posted in the extension side of the department based on the farm holdings and to attend fixed schedule as well as implementation of development schemes/statutory functions under Seed Act/Insecticides Act/F.C.O. They are the basic level technical officers and responsible for implementation of all schemes/programmes with the assistance of AEOs. In addition to redeployment of the posts of Agril. Officer as mentioned above, 59 posts of AOs were also transferred from Command Area Development Department to Agriculture Department in G.O.Ms. NO.494 F&A (FP.II) Dept dt.15.10.1985 w.e.f. 1.8.1985 along with budget grants and these posts were also redeployed to attend to T&V work as per the norms fixed by World bank appraisal Team.

The input supply has been given up from 1982 onwards and all AOs I/c Depots were also assigned extension work now. During the year 1987, Mandal Parishads were constituted in place of Panchayat Samithis and each Mandal is now having one post of Agricultural Officer at present.

The concept of T&V Scheme was based on farm holdings i.e., for every 800 Farm holdings there would be one Agricultural Extension Officer and for six AEOs, One Agricultural Officer has to be provided.

He/she is the Head of the Mandal for implementation of all department activities. The Agricultural Officer is responsible for the technical guidance and support to AEOs in his/her range.

b) ESSENTIAL DUTIES:

1. Guide, help and train the AEOs of his/her jurisdiction.
2. On field visits:
 - (i) give technical advice and support to AEOs to build up their professional competence and to help them solve technical problems
 - (ii) ascertain that farmers are being visited regularly in their fields by AEOs
 - (iii) Confirm that farmers are receiving appropriate technical recommendations and are aware of impact points and
 - (iv) See that farmers are adopting recommendations and that their production and incomes are increasing.
3. Guide for farm trials and note the feedback that can be taken note of by ADA for discussion at bi-monthly workshops and elsewhere. Report on progress in the adoption of recommendations by farmers, special achievements of AEOs, field problems and operational difficulties. Recommendations should be discussed with ADA in the light of the AOs perception of farmer's needs.
4. Organize farm trials; ensure that farmers are aware of these trials and their results.
5. Organization of field days under guidance of ADA.
6. Maintain a diary for day to day field activities and observations are recorded.
7. Implement various departmental schemes like NFSM, FM scheme, PKVY, Crop Insurance, NMSA, RythuBandhu, RythuBima etc.

8. He/she has to make a note on input supply and demand and market conditions, relying both on AEOs and his own observations and report such changes to the ADA.
9. Attend to any other duties assigned by higher authorities of the Department of Agriculture.
10. On first Saturday of every month the Agricultural Officer, Line Departmental Officers visit the field, demonstration sites etc.
11. He/she should organize meeting with AEOs and other line Departmental Officers on third Monday of every month in the Mandal Head Quarters to discuss various problem arising at field level.
12. Agriculture Officers should cover all the villages in his/her jurisdiction at least once in every month.
13. Assess the input requirement such as Seeds, Pesticides and fertilizers for each season well in advance as per the local needs;
14. To perform statutory functions under Seed Act, Insecticide Act, FCO to ensure quality of inputs to the farmers.
15. To secure and submit returns from the Trade / Institution dealing with inputs for proper monitoring of supplies.
16. Submission of weekly crop and seasonal condition report.
17. Pest Surveillance and forecasting of outbreaks for timely tackling.
18. Organizing minikitprogramme, adaptive research trails expanded minikitprogramme and feedback about the performance.
19. To organize and participate in the farmers training programme in the mandal.
20. Arranging soil sample collection and follow up of balanced use of fertilizers based on SHC recommendations.
21. Organize agricultural exhibition, Kisan Melas and CharchaGostis to enrich technical know-how of farmers.
22. Awareness and motivation of farmers through mass media like Radio, T.V. and Press.

23. Organizing crop demonstrations to educate farmers in adoption of improved technology including IPM/INM.
24. Implementation of contingency programme in the event of seasonal aberrations.
25. Arrange relief measures during floods and Cyclones.
26. Associate with NGOs and KVKs in implementation of Departmental programmes.
27. Attend Mandal Praja Parishad meetings and Grama Sabhas for appraisal of Departmental programmes.
28. Assist in implementation of programme entrusted by the District Collector.
29. Ensure the supply of inputs by supplying agencies for Departmental Programmes.
30. Maintain the following registers:
 - a. 'D' plot register.
 - b. Minikits register.
 - c. Rainfalls register.
 - d. Mandal Statistics register and information relevant to his jurisdiction with a map of his/her jurisdiction.
 - e. Diary.
 - f. Register of Licence holder of seeds, fertilizer and pesticides.
 - g. Schemes implementations register.
31. To exercise supervision over AEO and render guidance in implementation of Departmental schemes and programmes.
32. Results of crop cutting experiments have to be maintained.
33. He/she is overall in-charge of one Mandal for all Agricultural activities and should reside at his headquarters.
34. He/she educates the farmers in latest Agricultural Technologies through field visits for increasing productivity and Agricultural production

35. Formulation and implementation of Agricultural contingency programmes, relief programmes whenever natural calamities like drought, cyclone, floods, heavy rains, hail storm etc., occur.
36. Organization of demonstrations under various schemes.
37. Prepare area and production estimates of different crops.
38. Organizing various trials.
39. Implement crop insurance scheme.
40. Training of farmers through FTCs, and organizing RythuSadassus, Kisan Melas, Agril. Exhibitions, farmers' day etc.
41. Quality control – Enforcement of Seed Act, Seed Control Order, F.C.O. 1985 and Insecticide Act and Insecticide Rules. He/she is declared as Inspector for seeds, pesticides and fertilizers in his/her jurisdiction. He/she shall perform all regulatory functions including drawl of samples as prescribed in the relevant Acts/control orders to ensure quality input supply to farmers.
42. Liaison with Panchayat Raj Institutions through participation in Mandal Parishad meetings.
43. Organizing P.P. Campaign whenever necessary.
44. Any other duties as assigned by Dist. Administration higher authorities from time to time.
45. Guide and train the A.E.Os in his/her jurisdiction.
46. Spends at least (10) days in a fortnight in the fields working with Agril. Extension Officers (A.E.Os) and function with RythuSamanvayaSamithis and and Farmers producers Organizations for the benefit of the farming community.

AGRICULTURAL EXTENSION OFFICER (AEO):

The Agricultural Extension Officer is the basic worker in the Department. He/She is responsible for presenting relevant recommended practices to farmers, teaching and demonstrating related skills to farmers, motivating farmers to adopt recommended practices, and bringing farmer's production problems to the attention of supervisory officers.

After formation of Telangana State, 1526 new AEO posts have been sanctioned in addition to the already existing 1112 posts and thus making available one AEO for every 2000 ha of area.

EXTENSION ACTIVITY:

- The AEO should maintain the complete details of the farm holding (Farmer wise details) and the crops grown in his jurisdiction.
- He/She is the basic extension worker at field level in charge of the approximately 5000 acres (2000 ha) / group of villages in a mandal attached to his jurisdiction and responsible for implementation of all Agricultural activities in his jurisdiction.
- He/She is responsible for delivering relevant technical messages to farmers, teaching and demonstrating related skills, motivating farmers to adopt recommended practices and bringing farmer's production problems to the attention of higher officers.
- Must Assist Agriculture Officer in implementing all state and centrally sponsored schemes as a tool for transfer of technology to farmers.
- Deliver relevant technical messages to the farmers in his/her circle and motivate them to adopt recommended practices to improve their agricultural productivity.
- Weekly advisories and information about the Department schemes to be written on black board duly indicating next visits.

FIELD INSPECTION:

- Undertakes field visits for five days in a week as per fixed visit schedule from 8:00 am to 12.00 noon and be available at Head Quarters from 2.00 pm to 5.00 pm to farmers for consultation. On the sixth day AEO must be available in the headquarters to attend to office work and also be available to the farmers or attend to any other work assigned by higher officials.
- The fixed visit schedules should be conveyed through all possible methods to all farm families in his / her jurisdiction.

- He/She should be on tour for 20 days in a month and only an official trip beyond 5 kms from his /her head quarter will be considered as tour day. He / She will be paid FTA as per rules.
- All the farmers must be contacted in their fields and elsewhere and called to participate in discussions and demonstration of recommended practices.
- Spend most of the time in farmer's fields. On a visit
 - (i) observe the condition of crops and field operations and problems, and suggest appropriate action duly discussing with the AO and ADA)
 - (ii) (ii) note to what extent recommendations have been adopted and reasons why recommendations have not been more widely adopted; and
 - (iii) Explain and demonstrate to farmers in the field, recommendations learnt in the previous training session.
- Issue of pesticide prescription and Fertilizer recommendations to the farmers in consultation with mandal Agricultural Officer / Assistant Director of Agriculture.
- Follow weather forecasting and send suitable alerts to the farmers to take appropriate precautions.
- Understand the crop production technology related recommendations and impact points and under the guidance of the ADA/AO work out how to convince farmers to adopt them. Check that recommended practices are relevant and timely for the farmers in his / her area (if not as would be revealed by previous field visits and his/her knowledge of production practices and consultation among his / her groups, bring the potential difficulty to the attention of ADA /AO). Report problems encountered in the field and discuss solutions. Arrange for ADA to visit the field.
- Under the guidance of ADA / AO carry out a small number of farm trials each season. Encourage farmers to participate and observe farm trials.

- Organize mini-field days for his/her groups to show as many farmers as possible the results of recommended practices. Encourage farmers to participate in these and other field days.
- Maintain a daily record of work in his /her diary and record the observations made in the field along with the remedial measures recommended and problems faced in the field to bring to the notice of ADA / MAO for suitable remedies.
- He/she is responsible for organizing on farm demonstrations and all other demonstrations under various schemes.
- Educates the farmers in IPM, INM, and Water Management etc.
- Assists Agriculture Officer in organizing RythuSadassus, Kissan Melas, Agril. Exhibition, Field Days to educate the farmers in latest agriculture technology.
- Organize Plant Protection Campaign whenever necessary.
- Ensure that farmers adopt recommended package of practices for increasing the productivity.
- Be in touch with Agriculture Market dynamics to give suitable advice to farmers and also inform the farmers about the MSP of all the crops.
- He/she will submit all reports and periodicals to the Agriculture Officer in time.
- Assess the damage to crop in the event of natural calamities and to arrange relief measures to farmers and also attend to the enumeration as required.
- Preparation of areas and production estimates of different crops.
- Reports to Agriculture Officer any unusual occurrence in input supplies /demand situation and of serious pests and diseases problems and natural calamities.
- Shall work in close coordination with Grama RythuSamanvayaSamithis and Farmers Producers Organizations also in developing and execution of situation specific action plan for best results.

ASSESSMENT OF INPUTS AVAILABILITY:

- Become familiar, with the demand and availability of inputs (eg. Seeds, Fertilizers, Pesticides, Weedicides, Power, Irrigation Water and Credit) and also of market conditions and advise farmers accordingly.
- Report to the AO any unusual occurrences in the input supply/demand situation and of severe pest and disease problems and natural calamities.

CROP CUTTING EXPERIMENTS:

- Conduct crop cutting experiments diligently as indicated by the chief planning officer for assessing crop production and productivity.
- The results of crop cutting experiments will be the bench mark for assessing crop loss for extending input subsidy/crop insurance in event of natural calamities.

SOIL SAMPLE COLLECTION:

- Collect Soil Samples and send to soil testing laboratories and communicate soil testing results to the farmers and educate them to use fertilizers bases on soil test results.
- Ensure that every farmer's soil is analyzed and Soil Health Card is issued.
- Analysis of samples in Mini Soil testing labs as per the targets given by head office and upload results in the Soil Health Portal for communication to the farmers.

RECORD MAINTAINANCE / DOCUMENTATION:

- The following registers are to be maintained by the AEO.
 - a. Village statistics and relevant information register pertaining to his / her jurisdiction with map of his/her jurisdiction.
 - b. Village annual plan.
 - c. Rainfall register
 - d. Soil sample collection register
 - e. Demonstration plot register
 - f. Minikit / Research trials register

- g. Diary
- h. Crop wise area, production and productivity register
- i. Inputs assessment register including farm machinery
- j. Crop cutting experiments register
- k. Register for crop insurance / crop loans
- l. Instruction book in which the supervising officer can leave instruction in writing.
- m. Rythusamanvayasamithis register.

CAPACITY BUILDING:

- He / She should assist the AO in identifying the farmers for F.T.C. trainings.
- Involve in Mission Kakatiya Programme and also create awareness among the farmers on the benefits of application of tank silt.
- Educate farmers on soil health management and organic farming for sustainable agriculture.

FACILITATING INSTITUTIONAL CREDIT & CROP INSURANCE:

- Facilitate in getting institutional credit to the farmers.
- Create awareness among the farmers on the benefits in crop insurance and also the crop wise cut off dates.
- Assist the farmers in applying for crop insurance (PMFBY) both loanee and non loanee farmers and also create awareness regarding Rythu Bhima Pathakam.

ASSISTANT DIRECTOR OF AGRICULTURE:

(Plant Protection/Agronomy/Training) in the Office of District Agriculture Officer in District:

1. Responsible for the quality control of inputs in the district.
2. Monitoring demand and supply of quality control of Seeds, Fertilizers, Pesticides and Weedicides.

3. Assist the District Agriculture Officer in implementation of all State and Centrally Sponsored and Central Sector Crop oriented schemes as a tool for transfer of technology. Communicating guidelines and ensuring successful implementation of all schemes in the District by making all necessary tie-up arrangements for inputs supply, monitoring the schemes and their implementation and evaluation.
4. Make field visits and discuss the problems encountered in crop production with farmers, AEOs, Agricultural Officers. Find solutions to problems and advise AOs and AEOs accordingly. If solutions are not readily available, develop proposals with research staff for trials and / or non-station research that can be considered for inclusion in the applied or adaptive research programmes.
5. Guide the extension staff in organizing the demonstrations on technical gaps in the farmer's fields and maintain the records.
6. Participate in meetings of ZREAC, bimonthly workshops, and monthly T & V workshops to ensure that the recommendations and research activities and programmes proposed and discussed by these groups are relevant to the farmers of their area of jurisdiction.
7. Visit farmers' fields and extend guidance in adoption of recommended practices as suggested in the workshops.
8. Conduct surprise inspections in the district for checking the dealer points to verify the licenses, stocks verification and ensure the sale of inputs as per MRP.
9. Annual office inspections of sub-divisions allotted.
10. Visiting demonstrations at least 10 days in a month and extending guidance.
11. He/she is responsible for implementation of I.P.M. and Pest Surveillance.
12. Organizing P.P. Campaigns as per the need.
13. Assist the District Agriculture Officer in assessment of requirement of all agricultural inputs including plant protection equipment and

agricultural implements. Making all arrangements of their timely supply monitoring their distribution etc.,

14. Assisting the District Agriculture Officer in issue of licenses to the distributors and dealers.
15. Accompanying the Special Squads to inspect the pesticide manufacturing Units / Distributors / Dealers.
16. Giving wide publicity among farming community on misbranded products and advising the farmers not to purchase / use the misbranded products.
17. Submission of monthly progress reports on Quality Control of Pesticides.
18. Act as Insecticide Inspectors in the entire District.
19. Shall visit research facilities and keep informed of current research developments, and shall be trained by research staff and others. The purpose of visits to research facilities (Agricultural Universities, Research Stations, off-station trails, and so on is; (i) to keep informed of current research programmes and findings (ii) to bring problems revealed in field visits to the notice of researchers; (iii) to contribute to identifying topics for farm trials that focus on basic, practical problems, and (iv) to report observations on the appropriateness of recommendations to research workers.
20. Active participation in monthly workshops will be the chief source of current information on developments in research for District and Sub-divisional meetings. Additional information will be obtained through participation in special courses, by conducting farm trials and visiting farmers' fields together with research staff.
21. Preparation for Kharif and Rabi action plans for the district.
22. Assists District agriculture officers for the meetings of ZREAC, bimonthly workshops, and monthly T & V workshops and participate to ensure that the recommendations and research activities and programmes proposed and discussed by these groups are relevant to the farmers of their district.

23. Attend to any other duties assigned by higher authorities of the Department of Agriculture (in accordance with the programmes of the department).
24. Assist the DAO in preparation and timely submission of reports to C&DA if any.

ADMINISTRATIVE OFFICERS IN THE O/o DAO:

1. Sanction of casual leave to all ministerial staff in the office of the District Agriculture officer.
2. Maintenance of Service Registers.
3. Sanction of Annual Grade Increments.
4. Drawal of Pay bills (including supplementary claims)
5. Drawal of all contingent bills on the sanction of appropriate authority.
6. Maintenance of Cash and Cash Accounts such as Cash Book, Permanent Advance, Un-disbursed pay register and reconciliation of accounts etc.,
7. Office discipline and general supervision.
8. Distribution of tappals and dispatch work.
9. Maintenance of stamp account.
10. Checking of P.Rs and periodical registers.
11. Maintenance of all stock files and subject files.
12. Maintenance of Record Room.
13. Maintenance of Stationery and Printed Forms.
14. Maintenance of Dead stock, library and all store & stock accounts.

In addition to the above, the files relating to the following subjects will be routed to the DAO through the Administrative Officer.

1. Transfers of Gazetted Officers, Ministerial Staff including Agriculture Extension Officers and all categories of engineering personnel including Drivers and also contingent Establishment in the district.
2. Maintenance of data registers of staff with regard to passing tests, training undergone by them.

3. Preparation of Seniority Lists, Regularization of Services of A.E.O / All categories of Junior Assistant and below. Declaration of Probation confirmation, sanction of leave, within the competency of the District Agriculture Officer.
4. Replies to Audit Reports, write off of losses.
5. Annual Office Inspection Reports.
6. Budget and Expenditure Statements.
7. Disciplinary Cases of all categories.

DEPARTMENTAL WINGS (FTCs, LABs, SAMETI Etc.)

1. SOIL TESTING

JOINT DIRECTOR OF AGRICULTURE (SOIL CORRELATOR)

The post of Soil Correlator was created in the cadre of Deputy Director of Agriculture and subsequently upgraded as Joint Director of Agriculture (Soil Correlator).

The post was created with a view to have an effective implementation of Soil testing and soil survey programme in the state.

- He/she is Head of Soil correlator Office
- Incharge for Soil Testing and activities related to soil testing/soil survey in the state.
- Review, inspections, technical sanction for purchase of chemicals and instruments in Soil testing labs.
- Presentation of reports to higher authorities, attending meetings connected to subjects dealt.
- Controlling officer of all Soil Testing labs in the state.
- Implementation of all extension activities and schemes allotted including crop colonies.
- Quality Control and ensuring supply of agricultural input as per the subject allotted.

- Acts as scientific Development Officer to supply different scientific equipment to soil testing labs.
- Assists the Additional Director of Agriculture concerned and the Commissioner of Agriculture in all the aspects of the subjects dealt.

DEPUTY DIRECTOR OF AGRICULTURE, SOIL CORRELATOR:

Attending the duties entrusted by the Joint Director of Agriculture (Soil Correlator) Hyderabad, Assisting and guiding in the works of the Assistant Director of Agriculture.

9. He/she is the supervising authority of the Soil Testing and Soil Survey Schemes in the State.
10. He/she has to supervise and review the work of (27) laboratories and (3) Soil Survey units. Conduct the Technical Inspections.
11. Accord technical sanctions to the S.T.Ls for the purchase of chemicals and instruments.
12. He/she has to attend the meetings & seminars conveyed by D.A., TS, Hyderabad and Government of India..
13. He/she has to attend the work relating to the problematic soils-survey.
14. He/she is the Head of the office, drawing & disbursing officer and responsible for all the connected duties & responsibilities.
15. Performs all the duties and functionalities related to the other schemes/subject as may be entrusted by the C&DA.

ASSISTANT DIRECTOR OF AGRICULTURE, O/O JDA SOIL CORRELATOR:

Assistant Director of Agriculture is the Head and controlling officer of all the Agricultural Officers. In accordance to the work allotted by the superior officer and has powers to allot and distribute the work to the Agriculture Officers under the control and involves in the work of Agriculture Officer's and guide them. Has to give suggestions, instructions and help the Agriculture officers in achieving the target allotted. Attends the meetings, seminars convened by the Commissioner & Director of Agriculture, T.S. Hyderabad and Government of

Telangana, Hyderabad, conduct the Technical inspections, field Demonstrations at District Levels.

AGRICULTURE OFFICERS O/O JDA SOIL CORRELATOR:

Agriculture officers have to complete the targets allotted to them under the guidance of the superiors. Assist the Assistant Director of Agriculture in Technical inspection and field demonstrations at District Level and in all other works assigned like preparation of reports, follow up with Districts

SOIL TESTING LABORATORY

The soil testing laboratories are only service laboratories. There are no statutory powers to these laboratories. These laboratories were established by Government to analyze the soil and water samples and to recommend the doses of N,P,K, Micro Nutrients, Gypsum / FYM / Green manure to be applied on scientific assessment based on soil analytical reports, to get better yields with low cost of investment by the cultivators. There are one Regional Soil Testing Laboratory, 4 Mobile Soil Testing Laboratories, 11 Soil Testing Laboratories and 28 AMC Soil Testing laboratories in the state.

ACTIVITIES OF THE SOIL TESTING LABORATORY

The soil samples received in the laboratory are analyzed for determination of:

1. Soil Texture
2. Soil p^H
3. Electrical Conductivity (EC)
4. Organic Carbon (Qualitative)
5. Available P₂O₅
6. Available K₂O
7. Micro nutrients
8. Water Analysis is also done for E.C and pH

REGIONAL SOIL TESTING LABORATORY:

The Regional Soil Testing Laboratory, Rajendranagar is located in A.R.I Campus, PJTSAU at Rajendranagar, Rangareddy District. In compliance to the C&DA order issued vide Memo No. ST Cell;/70/2006 Dt. 13-04-2006 by Joint

Director of Agriculture (SC), RSTL and STL are bifurcated and are operating independently in Administration, Financial and Technical matters since January, 2007.

The main purpose of this lab is to review the progress of the entire program of work of soil testing scheme. Monitor the furnishing of fertilizer recommendations based on soil testing data. Supervise the maintenance of quality control of the analysis and standardization of instruments at regular intervals.

This lab must check the quality of analysis of soil samples done by STLs in the state. This lab receives 1% of soil samples analyzed in all the soil testing laboratories of the state for quality check and reconciles with their analytical data.

RSTL coordinates between JDA (SC) and all the STLs in the state. RSTL collects and consolidates all the reports like Daily, Monthly, Bi-Monthly and others reports as per the instructions of JDA (SC).

The lab also analyses soil samples received from district that have more target than their analyzing capacity.

DUTIES OF DDA, RSTL:

1. Supervise and review of the progress of the entire programme of work of the soil testing scheme.
2. Supervise the special analysis of samples of irrigation projects.
3. Supervise the maintenance of quality control of analysis of soil samples and standardization of instruments at regular intervals.
4. Supervising the furnishing of the fertilizer recommendation based on soil test data.
5. He/she is head of office and drawing and disbursing officer and responsible for all the drawing and disbursement function.
6. He/she should monitor the production and distribution of bacterial culture every month of BCP lab of Rajendranagar.
7. Conducting the technical inspection of soil testing labs in the State.
8. He/she is responsible for administrative and accounts functions.

9. He/she shall supervise the work of soil testing labs and AMC STLs in the State.
10. He/she is also incharge of the Bacterial Culture Production Lab.

DUTIES OF ADA MSTL:

1. MSTL is to draw up the programme of work in-consultation with District Agriculture Officer and Assistant Directors of Agriculture well in advance.
2. Ensure the MSTL camp in the villages as per the schedule prepared in consultation with concerned Assistant Directors of Agriculture (Regular).
3. Conduct spot analysis of soil samples.
4. Arrange film shows and demonstrate the columns of soil samples (profiles).
5. He/she is the head of office, drawing and disbursing officer and responsible for all the connected duties and responsibilities.

DUTIES OF ADA STL:

1. The Assistant Director of Agriculture is the head of Soil Testing Laboratory
2. Entrusted with the analysis of soil and water samples.
3. To maintain the quality of analysis and calibration of equipment.
4. Training of extension staff in correct methods of Soil sample collection.
5. Conduct of demonstrations to popularize soil testing programme.
6. Supervise and guide the soil testing laboratories at AMCs.
7. To educate the farmers about balanced and integrated use of nutrients.

DUTIES OF AOS IN RSTL / STL / MSTL:

1. Registration of Soil Samples received in the laboratory.
2. Analysis of samples for various parameters.
3. Analysis of water samples and communicates the recommendations.
4. Record analytical data and fertilization recommendation and cards and communicate the same to the concerned.

5. Entry of soil test results online for generation of soil health cards.
6. Special analysis of soil samples sent under different schemes of the department and also farmers samples.
7. Participating in agricultural training programmes.

SEED TESTING LABORATORY

Seed is the critical input for Agricultural production and consequently for food grain production. For obtaining the Agricultural food production in a sustainable manner the quality of the seed has to be supervised. The Act labs have been established for this purpose. Seed testing lab Rajendranagar was established in the year 1961 (G.O. Ms. No. 1700 F&A (Agri. F.P. II) Dept. Dt.17.09.1969). DNA finger printing lab at Hyderabad is also notified as Seed testing lab and is carrying on the function.

The main objective of the seed testing is to serve the farmer, consumer and the seed industry.

ACTIVITIES OF LAB:

Testing of seed for quality parameters: Traditional tests like Physical purity, Moisture and Germination tests and advanced ELISA, Genetic Purity and Varietal identification test etc., are being taken up in DNA Lab.

SERVICES EXTENDED:

The Lab regularly carries out the testing of Pre-Quality Assurance samples, Law Enforcement samples, Seized stock samples and field complaints samples. Other than that the lab is also offering services to the Seed producers, farmers and other interested parties on payment basis.

DUTIES OF ASST. DIRECTOR OF AGRICULTURE:

- Performing the duties of notified Seed Analyst.
- Allotment of Samples to the AO's.
- Correspondence with office of C & DA.
- Monitoring the Lab analysis work and budget.
- Drawing and disbursing officer.

DUTIES OF AGRICULTURAL OFFICER:

- Receiving of the Seed sample parcels and verification of documents and seals.
- Registration and allotment of the Lab Codes to the samples based on category.
- Sending of 5% Samples to Central Seed Testing Lab, NSRTC, Varanasi.
- Maintenance of the ROC Register, registers for Seed Inspectors Samples, court, Rejected and seized Paid and other samples.
- Perform purity, germination, Moisture content analysis of seed samples and incase of Bt. - cotton seed, Bt - Protein Quantification for Cry. 1 Ac, Cry. 2 Ab. Proteins.
- Maintenance of purity and germination analysis registers.
- Preparation of seed analysis report for each seed sample.
- Maintenance of individual seed sample files based on category.
- Preparation of technical periodicals.

DNA FINGER PRINTING & TRANSGENIC CROPS MONITORING LABORATORY

INTRODUCTION:

Seed testing has been recognized as an essential aspect of seed quality regulation programme. In fact seed law enforcement is pointless unless it involves seed testing. Seed testing is mandatory under certification programme and seed law enforcement. It usually involves the conventional method of seed testing which aims at assessing the actual planting value of the seeds in terms of its germination capacity besides determination of percentage of composition of the pure seeds, weed seeds, other crop species and moisture content of the submitted samples. But with the advancements in seed production through application of biotechnological tools in seed development the use of traditional seed testing methods in seed quality regulation was under question, therefore

immediate need for establishing a new advanced seed testing lab was need of the hour.

AIM AND OBJECTIVE:

In view of rapidly changing seed scenario in the state and with the advent of transgenic crops it has become inevitable to resort to precise technology for assessment seed quality through application of the molecular techniques instead of relying on traditional methods like PMG analysis and Grow- Out- Test (GoT). Therefore with the objective of ensuring expeditious testing of genetic purity of seeds, quantitative and qualitative assessment of transgenic crops of with high degree of precision this laboratory was established.

ESTABLISHMENT AND NOTIFICATION OF DNA FP LAB

DNA Fingerprinting & Transgenic Crops Monitoring Laboratory is a state of the art laboratory established by the department of Agriculture in the year of 2006 to meet the need of changing scenario in seed industry. It is located in SAMETI complex at Old Malakpet, Hyderabad

DNA Lab is notified as Seed Testing Laboratory under Seed subsection (2) of section 4 of the seeds Act, 1966, Central Act (54 of 1966) vide GO Rt No.1050 dt.16.07.2007, GO Rt No.320 dt.14.03.2008 for carrying out analysis of seeds of both notified and non-notified kind and variety by the seed analyst.

DNA Lab is notified as Seed Testing Laboratory under Andhra Pradesh Cotton Seeds (Regulation of supply, Distribution, Sale and Fixation of sale price) Act 2007 vide GO Rt. No.938 dt.26.07.2007 for carrying out PMG, Bt Protein estimation, Event confirmation, DNA based Genetic purity, Varietal Identification tests in the entire state by the seed analyst.

As per GSR 586(E), Dt: 01.09.2006, issued under EP act 1986, the lab is also a Environmental Laboratory under EP Act 1986 and can take up analysis of Genetically modified crop varieties as it is notified .

On 9th March 2015 the Government of Telangana has issued a GO.MS No 15 where the Lab is renamed as **Telangana DNA Fingerprinting &**

Transgenic Crops monitoring Laboratory and notified/declared it as State Seed Testing Laboratory under section 4 of the Seeds Act, 1966.

On 19.01.2017 the Government of Telangana has appointed the Assistant Director of Agriculture **Telangana De-Oxy Ribo Nucleic Acid (DNA) Fingerprinting & Transgenic Crops monitoring Laboratory** at Hyderabad as Seed Analyst for the entire state of Telangana for the purpose of the Seed Act in exercise of the powers conferred under section 12 of the Seed Act, 1966 (Central Act 54 of 1966).

ACTIVITIES OF LAB

The laboratory is well equipped to carry out both Traditional PMG analysis and Molecular techniques for seed quality assessment.

- **Testing of seed for quality parameters:** Traditional tests like Physical purity, Moisture and Germination tests.
- **Variety Identification and Genetic purity assessment:** Identity and genuineness of a variety/hybrid analysis of seed lot purity.
- **Detection of transgenic crops:** Protein and DNA level detection of transgenic crops through Immunological studies (ELISA) and PCR techniques.
- **Identification of event:** The integration pattern of gene in the host genome which is specifically introduced in a transgenic crop.
- **GMO testing:** Qualitative and Semi-Quantitative screening for Genetically Modified Seeds contamination in the GM free seed lots.

BENEFITS OF THE LABORATORY IN REGULATORY MECHANISM

- **Immediate** stringent actions on defaulters due to speedy analysis and communication of results
- **Protection** of plant varieties and Intellectual Property rights of a breeder by controlling the illegal multiplication of varieties and their sale as different varieties.
- **Regulation** of transgenic crops through quantitative and qualitative assessment

PRESENTLY THE LAB IS CATERING TO THE NEEDS OF DEPARTMENT THROUGH THE FOLLOWING FUNCTIONS

- Every year the lab receives seed samples drawn by the Seed Inspectors for analysis for carrying out the Traditional seed testing under Law enforcement duly following the rules of Seed Act-1966 & Seed control order.
- The lab receives field complaint samples from the Agricultural officers for Genetic purity test and varietal purity test under the stipulated mandatory crops for this laboratory i.e. Cotton, Sunflower, Maize, Chilies and Paddy which are selected based on high value and low volume of seed. The lab also gets samples from the vigilance department and Court for DNA test.

TECHNIQUES APPLIED FOR SAMPLE ANALYSIS:

Traditional Seed Testing

- **Registration of seed samples:** the submitted samples should be of the specified weight, after due verification of memorandum submitted by the seed inspectors, the samples are accepted for analysis and are registered for testing by allocating code number so as to maintain the secrecy about its identity during testing. The details of the crop such as crop variety, class of seed tests required etc. are entered in analysis cards, working samples of specified size are obtained by using seed dividers.
- **Physical Purity analysis:** the purity is done on working sample of prescribed weight drawn from the submitted sample. The working sample is separated into different components like pure seed, other crop seed, weed seed and inert matter by physical examination and the details are recorded in the analysis cards. The composition of different components is expressed either in percentage by weight or as numbers per KG.
- **Moisture analysis:** the moisture content of a seed sample is the loss in weight when it is dried. It is expressed as a percentage of the weight when it is dried. It is expressed as percentage of the original sample. This is mainly done by Air Oven method or with the help of Digital Moisture Meters.

- **Seed Germination test:** germination test shall be conducted with a pure seed fraction. A minimum of 400 seeds are required in four replicates of 100 each or eight replicates of 50 each depending upon the seed size. This test is conducted under favorable condition of moisture, temperature, suitable substratum and light if necessary by use of Germination Cabinet/Germination Room. Germination test is evaluated as, Normal seedling, abnormal seedlings, hard seed, Fresh and not Germinated seed, Dead seed. The results of the germination test is calculated as the average of 4X100 seed replicate, it is expressed as percentage by number of normal seedling.

ADVANCED SEED TESTS:

- **ELISA (Immunological assay) for Bt Protein Quantification:** for Quantification of Cry1Ac, Cry2Ab Protein in BT Cotton seeds the immunological technique of ELISA (Enzyme Linked Immuno Sorbent Assay) is carried out by using the monoclonal antibody coated micro well plate's specific for Cry1Ac, Cry2Ab Protein. Wherein the seed/leaf are tested for presence minimum lethal level of Bt. toxin of 420 nano grams per Sq cm or Per gram of seeds. From working sample size of 25 grams 90 seeds are to be tested and a minimum of 80 seeds tested positive for the test protein (Cry1Ac, Cry2Ab, Cry1C and Fusion-gene protein Cry1Ab-Cry1Ac) is to be taken as the acceptable value for 90% gene purity.
- **PCR Based Gene Detection:** In GM Crops testing, Cry1Ac, Cry2Ab gene specific primers and Junction sequence (Host Genome - Insert Gene) primers are being used. The lab also carries out the presence of unapproved Genes.
- **Genetic purity and Varietal purity test:** PCR based technique wherein the Molecular markers are used for assessing the genetic purity and varietal identification of seed lots and field compliant samples. A sample size of 50 Seed/Leaf is taken and based on the variation/ similarity exhibited in the band pattern of the DNA sample extracted from the sample received to the laboratory purity is assessed. The lab is using SSR markers in Cotton, Sunflower, Paddy, Maize crops. In rest crops RAPD and ISSR are used.

- **GMO testing:** Qualitative and Semi-Quantitative screening for Genetically Modified Seeds contamination in the GM free seed lots

DUTIES OF ASSISTANT DIRECTOR OF AGRICULTURE

- Performing the duties of notified Seed Analyst.
- Allotment of Samples to the AO's.
- Correspondence with office of C & DA.
- Monitoring the Lab analysis work.
- Budget of the Lab.
- Maintenance of the lab equipment,

DUTIES OF AGRICULTURE OFFICER

- Receiving of the Seed parcels, Verification of the Seals on containers and Scrutiny of the Documents /Forms enclosed with the sample. Allotment of the Lab Codes to the samples based on category, Working Sample preparation, Sending of 5% Samples to Central Seed Testing Lab, NSRTC, Varanasi.
- Testing of Seed Samples for Physical purity (Pure Seed, Inert matter, Weed Seeds, Other Crop Seeds Etc.), Moisture, Germination analysis (Putting of seed samples for germination test using Paper Towel method, Petri Dish method, Sand method.), Evaluation of germination percentage of the samples & Conducting different kinds of seed treatments for breaking seed dormancy. Maintenance of Analysis Register for all test conducted.
- Testing of Transgenic Cotton using immunological tools for the presence of Cry1Ac and Cry2Ab proteins. Testing of Transgenic Cotton using PCR techniques for the presence of Cry1Ac - Mon 531 and Cry2Ab - 15985 Events. Testing of samples for presence of Transgenic Material in the seed lots using CaMV35S and NOS primers.
- Testing of Cotton, Sunflower, Chillies, paddy and maize Seed Samples/ Filed complaint/ Leaf samples for Genetic Purity & Varietal Identification using DNA Fingerprinting techniques. Generation of Genetic markers Database. New technology Induction and adoption in the lab.

- Generation of analysis reports in FORM VII, for submission to concerned officers, Maintenance of the Sub-standard samples Register, SI samples Register. Preparation and submission of monthly periodicals Dispatch of Results by Post

FERTILIZER CODING CENTRE, HYDERABAD

In order to maintain secrecy during the process of fertilizer analysis and to ensure quality assurance for all types of fertilizers that are offered for sale in the market, a FERTILIZER CODING CENTRE is established at SAMETI Complex, Hyderabad (vide G.O.RT NO.929 Dated 4-9-2004 of Agriculture and cooperation (FP-II) Dept.) to send all types of fertilizers that are received from fertilizer Inspectors all over the State by giving code numbers to any one existing two laboratories for analysis purpose.

NOTIFICATION-I

In exercise of the powers conferred under clause 27 of the Fertilizer (Control) Order, 1985 issue in G.S.R 758 (E) dated 25th September 1985 by the Government of Telangana hereby appoints the Assistant Director of Agriculture attached to Fertilizer Coding Center at Hyderabad as Fertilizer Analyst and Inspector of the Fertilizer, with jurisdiction of the entire state of Telangana for analysis or causing for analysis of the fertilizer samples received from Fertilizer Inspectors in the notified Fertilizer Testing Laboratories of the State, duly assigning Code Numbers in respect of received from Fertilizer Inspectors in the state of Telangana, sent under clause 28(b) read with para 6 (iv) of part I of the Schedule II of the said order.

NOTIFICATION-II

The Government accorded permission for establishment of Fertilizer Coding Centre at Hyderabad by way of redeployment of the following staff to work in the coding center to be located at SAMETI Complex, Hyderabad.

SNo	Name of the post	Strength
1	Asst. Director of Agriculture, Fertilizer Coding Centre	1
2	Agricultural Officer	2
3	Junior Assistant	1
4	Computer Operator	1
5	Attender	3
6	Laboratory Boys (daily wages)	2

Government accorded permission to meet expenditure on Rs.2,40,000/- (Rupees Two Lakh Forty Thousand Only) per annum subject to meeting the expenditure within the available funds of the Commissionarate of Agriculture, Hyderabad.

(G.O. Ms. No. 132, dt.20.12.2016 of Agricultural Cooperation (Agri.-I) Dept.)

AREA OF OPERATION:

This FERTILIZER CODING CENTER is mainly meant for coding of fertilizer samples in order to maintain secrecy of fertilizers analysis at Hyderabad with an officer of the cadre of Assistant-Director of Agriculture (FCC) with necessary infrastructure. The ADA so appointed will act as ADA (FCC) for arranging analysis of all types of fertilizer samples in any of the FCO laboratories In the state duly assigning code numbers In respect of samples received from Fertilizer Inspectors in the state for all the Fertilizer as defined under clause 2(h) of Fco'1985 and a Notification issued by Government of Andhra Pradesh from time to time.

TIME LIMIT FOR ANALYSIS AND COMMUNICATION OF RESULTS:

1. Where sample of fertilizer has been drawn, the same shall be dispatched along with a memorandum in form K to the ADA (FCC) for arranging the analysis within a period of seven days from the date of its drawl.
2. The laboratory shall analyses the sample and forward the analysis report in form L through ADA (FCC) within 30 days from the date of receipt of the sample by the Coding Centre to the respective fertilizer Inspector.

3. The Authority to whom the analysis report is sent under sub-clause(2) shall communicate the results of the analysis to the dealer/ manufacturer /importer/pool handling agency from whom the sample was drawn within 15 days from the date of receipt of the analysis report of the laboratory.
4. Under clause 32 A (2) of FCO 1985 any person aggrieved by the analysis report of Fertilizer Testing Laboratories notified by the Stat Govt. may appeal to the appellate authority appointed under sub clause(1) for reference of analysis of such sample within 30 days from the date of receipt of analysis report.
5. For referee analysis the aggrieved dealer/manufacturer/importer or purchaser should apply to the appellate authority i.e. the Commissioner and Director of Agriculture through the concerned Agricultural Officer/ADA duly enclosing the following.
 - The Dealer sample intact.
 - Requisition of the Dealer addressed to the appellant Authority for reanalysis.
 - Declaration of the Dealer, Fertilizer Inspector & ADA® concerned
 - Copy of form-L along with acknowledgement of the Dealer to establish the date of receipt of analysis report by the dealer.
 - Demand draft for Rs.2500/- in favour of Addl.DA (Fertilizers) O/o C&DA.
6. As per the Rule No.2 under clause 29(B) of FCO, 1985 notwithstanding anything contained in this order, the appellate authority as specified in sub clause (1) of clause-32 A in case of sample analyzed by the State Govt. Laboratory, or the Controller, in case of sample analyzed by the Central Fertilizer Control and Training Institute, Faridabad or its Regional Fertilizer Control Laboratories, as the case may be, shall decide and send, one of the two remaining samples for reference analysis as provided under sub clause(1).

PROCEDURE FOR CODING OF FERTILIZER SAMPLES

The FCC established will act as centralized coding centre for referring the samples to any of the existing fertilizer analysis laboratories at random. The

Fertilizer sample drawn by the Fertilizer Inspectors received at this Coding Centre will be assigned a secret code no. and referred to any of the existing FCO laboratories in the State. After analysis of samples, the result sheet will be sent by the ADA, FCO Lab to the ADA (FCC). The ADA (FCC) will decode and incorporate the other particulars of the sample in the analysis report i.e. Name of the Fertilizer Inspector, FI code No. etc and send the final report to the Fertilizer Inspector from whom the sample was received.

DUTIES OF ASSISTANT DIRECTOR OF AGRICULTURE (FERTILIZER CODING CENTRE)

The Assistant Director of Agriculture (FCC) is the Head of the Central Coding Centre and act as Inspector of Fertilizers for drawl of working samples and referring of detailed analysis to the regional FCO labs in the state. Besides he will carry out the following functions.

1. Accept or reject samples on the basis of the degree of intactness of the individual samples. On receipt of samples for analysis the fertilizer Inspector shall first ascertain that the marks and seals are fastened as per specifications laid in the FCO 1985 for Analysis of Fertilizer samples, are intact and shall note the Condition therein.
2. Monitor the receipt and registration of Fertilizer samples carried out by coding center staff duly verifying the seals of samples.
3. The ADA (FCC) shall ensure that the time to be taken from receipt of samples from Inspector and date of dispatch of results to the Inspectors related to drawl, dispatch and communication of results after causing analysis.
4. Also take action to transfer Fertilizer to another container if necessary by marking code No's with generic name of sample and sent to any of the FCO Labs for further conduct of analysis.
5. Take action to send samples to cause analysis to FCO labs in the state by post or through messenger or any other means of transport depending on the urgency.

6. Take action to monitor for timely receipt of results of Fertilizer samples after analysis and decode the samples sent for analysis by furnishing full particulars.
7. Answerable to C&DA State and Central Government in all aspects i.e., submission of monthly report and other information.
8. Call any information from ADA, FCO Labs regarding analytical reports of samples for confirmation if any contingency arises.
9. Take all steps in ensuring secrecy in registration of samples, coding sending samples to FCO labs and decoding till dispatch of results to concerned fertilizer Inspectors'
10. Maintenance of coding Register with utmost secrecy.
11. Any other duty assigned by Commissioner & Director of Agriculture from time to time

DUTIES OF AGRICULTURE OFFICER

Shall be in charge for all lab technical aspects and carry out following functions.

1. After receipt of consignment take up verification of seals and registration of samples received from Fertilizer Inspectors as per procedures duly referring to Form-K(Annexure)
2. Maintenance of Register for registration of samples in prescribed proforma (Annexure-)
3. Attending preparation of working samples by transferring the contents from the original container to new container for coding and sealing properly.
4. Assisting the ADA (FCC)
5. Monitoring the work of Lab boys /assistants and other staff in respect of packing and labeling as per the stipulated procedure.
6. Act as store in charge for glassware and containers.
7. Act as custodian of emptied Original containers till they are disposed off.
8. Maintain stock register for all lab materials.
9. Posting of results in the Analytical report of coding center.
10. Dispatch of Analytical Report to the concerned Fertilizer Inspector from whom the sample received and maintain dispatch register in proforma (Annexure).

11. Maintenance of register for Non-Standard/sub-standard fertilizer samples.
12. Preparation of Monthly report and annual administrative report in prescribed proforma.
13. Any other duty assigned by ADA (FCC).

PROCEDURE FROM THE REGISTRATION OF SAMPLES TILL THE DISPATCH OF ANALYTICAL REPORT TO THE FERTILIZER INSPECTOR

A. Registration

Registration will be done by the AO under the supervision of ADA (FCC)

- Opening the parcels of fertilizer sample duly checking the seal
- Register the sample duly assigning the registration No. in seriatum and enter the details in Registration Register.
- Verification of the sample with the details furnished in form K.

B. Preparation of Sample for analysis by the Coding Centre

* After satisfying with the intactness of the sample received, the ADA Coding Centre should break open the cloth bag of intact sample and transfer the inside material which is sealed in the polythene cover again to a cleaned container keeping the following information sheet in between these two for sending the same to the any of labs for analysis purpose.

1. Name and grade of fertilizer
2. Composition
3. Physical condition of the fertilizer
4. Code No. given by the Coding Centre

Signature & Metallic Seal Impression of the ADA (FCC)

*In respect of Micro nutrients and other fertilizers which are received by cartons/pouches/sachets, the ADA (FCC) should break open the container and transfer the sample material of required quantity for analysis into a clean container and follow the procedure.

*The following quantities of fertilizers shall be prepared for sending the samples for analysis.

1	For straight micro nutrient fertilizers & 100% WSNPK	100 grams
2	For chelated Micronutrients fertilizers and mixtures of micro nutrients	50 grams or the maximum packing size of similar quantity
3	For other fertilizers and mixtures of fertilizers	400 grams

- Mark Registration Number on the original container and transfer them for storage. They are to be preserved till the results are received. The new blank container of the working sample will be tagged with Registration No. for assigning Code No. by ADA (FCC) and to write Generic name of the sample.
- The working sample will be sealed and packed by the AO with the assistance of the lab boys.
- Dispatch the packed working samples to the different FCO Labs in the adopted ratio ----- with the inner and outside address tags along with covering letter.
- After completing the above process the ADA (FCC) should dispatch the so prepared sample for analysis to any of the existing five FCO Labs, following random procedure.
- After receipt of the sample by the ADA (FCO) Lab., the intactness of the sample should be verified and procedure in vogue should be followed for analysis.
- After completion of the analysis, the analysis results should be sent back to the ADA (FCC) in form-L.
- After receipt of Form-L from the respective ADA (FCO), the DDA (FCC) will decode and incorporate all the required information in Form-L, so sent by the FCO Lab.
- After preparing the Form-L by the ADA (FCC) the same will be sent to the MAO from whom the sample was received for further course of action.

C. Coding Procedure

- The working sample so prepared and packed in new blank containers with labels showing their identity by the registration No. and Generic name of

the fertilizer will be placed on the working table for assigning the code nos. by the ADA (FCC).

- The ADA (FCC) will pick up one working sample at random and assign the code no., immediately noting the same in the Coding Register against its registration no.
- Immediately after assigning the code no., the label with registration no. should be removed and teared off completely to ensure the secrecy.
- The Coding Register should be under the custody of ADA (FCC) under lock and key.
- The Coded working sample will be sealed by the AO with the assistance of lab boys.
- Following the stipulated ratio the samples will be referred to the five FCO Labs of the State.

D. Dispatch of the Coded Samples;

- The samples referred to different FCO Labs were sorted out and packed in a carton with inner and outside address tags and covering letter indicating the details of samples referred for analysis and sealed properly duly labeling the container with the address.
- The AO will arrange for the dispatch of the containers to the FCO Labs either by the Transport or through special messenger depending on the urgency.

E. Decoding Procedure

- The decoding process commences soon after the receipt of the analytical report of fertilizer analyst of FCO Labs in Form-L in Triplicate.
- The detail particulars of the decoded samples will be incorporated in all three copies by the ADA (FCC).
- Two copies will be dispatched to the concerned Fertilizer Inspector duly keeping the third copy with the Coding Centre.
- In case of Non-Standard samples the information will be furnished to the C&DA, the concerned ADA as per proforma for necessary action.

F. Disposal of empty original containers:

- The original containers will be preserved on the store till the receipt of analytical report from the fertilizer Analyst.

- After the receipt of analytical report, the containers will be disposed / destroyed with the prior approval of C& DA under the supervision of Agril officer.

FERTILIZER (CONTROL) ORDER LABORATORIES

The Fertilizer (Control) Order Laboratory, Rajendranagar was established in the year 1957 and FCO Lab, Warangal in the year 1976. The Government of Andhra Pradesh vide G.O.Ms.No. 58, F & A (FP.I) Department Dt. 09-12-1985 Under clause 29 FCO 1985 has specified Fertilizer Control Order Laboratory at Rajendranagar and Warangal for the purpose of Analysis of Fertilizer drawn by the Fertilizer Inspectors/ farmers/ Dealers/ Manufacturers. Referee Fertilizer samples are also received from Appellate authorities of other states.

There were five Quality Control Laboratories in undivided AP and after bifurcation Telangana state has two laboratories one at Rajendranagar, Hyderabad and other at Warangal.

IMPORTANCE OFFCO LABORATORY

- This laboratory receives and analyses Chemical fertilizers, Micronutrient fertilizers, Bio fertilizers, Organic fertilizers, Non-edible de-oiled cake fertilizers.
- The quality of fertilizer is being checked thereby safeguarding the farmers from receiving Non-Standard and Spurious Fertilizer. Thus the farmers receive fertilizers of good quality which in turn affect the cost of cultivation and crop productivity.

DUTIES OF ASSISTANT DIRECTOR OF AGRICULTURE:

- Asst. Director of Agriculture is the registering authority and over all supervisory officer of the laboratory. ADA will be checking 10% of the samples analyzed by the analysts at random.
- Allotment of the samples received to various analysts.
- Attend monthly meetings
- In case of nonstandard samples if called for has to attend court of law as witness affidavit.

- Provide training to state fertilizer inspectors at SAMETI, Hyderabad regarding quick test of fertilizers and keep them abreast with latest development whenever called for this purpose.
- The values of analysis of non-standard samples submitted by the analyst should be rechecked for confirmation before sending results in Form-L.

DUTIES OF AGRICULTURAL OFFICER:

- They are the authorized analysts in the laboratory.
- The analysts are trained at Central Fertilizer Quality Control and Training Institute, Faridabad as per FCO 1985 and Regional Centre for Organic Farming, Nagpur.
- The straight N,P,K, NP, NPK complex, granulated mixtures , Micro nutrient fertilizers analysis is done in regard of :
 - ✓ Nutrient content : a. Total Nitrogen, b. Ammonical Nitrogen, c. Nitrate- N, d. Urea-N, e. Total Phosphorus, f. Water soluble Phosphorus, g. Water Soluble Potassium, h. Sulphur. i. Magnesium, j. Micro Nutrients (Zn, Fe, Cu, Mn, B, Mo)
 - ✓ Impurities,
 - ✓ Moisture,
 - ✓ Particle size.
- Analyzing capacity: One AO can analyses 30 - 40 fertilizer samples per month depending upon the grade of samples (Ref: MCRHRD Functionary Manual Pg No. 469). An individual analyst can analyses 350-400 fertilizer sample per year (Laboratory Manual for Analysis of fertilizers by Central Fertilizer Quality Control & Training Institute, Faridabad, Pg. No 186).
- AOs should analysis all the samples allotted to them and the analysis result is entered in Form-L and Register.
- Apart from analysis, AOs also assist ADA in the works viz. Registration of samples, preparation of chemicals and its standardization, maintenance of instruments and glass ware, preparation of reports.

- Other than Reanalysis Samples, Private paid samples and Service Samples are also analyzed.

Central Fertilizer Quality Control and Training Institute (CFQCTI), Faridabad, provides training to all state fertilizer analysts and issues guidelines for setting up quality control laboratories.

IMPLEMENTATION OF (AADHAR ENABLED FERTILIZER DISTRIBUTION) - DBT IN FERTILIZER SUBSIDY PAYMENT

The Department of Fertilizers, Govt of India have introduced Direct Benefit Transfer (DBT) system of fertilizer subsidy payments. Under the proposed system, 100% subsidy on various fertilizer grades shall be released to the manufacturers and importers on the basis of actual sales made by the retailer to the beneficiaries.

The pilot DBT system in fertilizers was implemented in Rangareddy district on 1st Jan, 2017.

The State of Telangana went live with implementation of DBT in fertilizers wef 1st Jan, 2018 wherein the sale of fertilizers is carried on through ePOS machines.

All the Fertilizer retail dealers in the State are registered under iFMS (integrated Fertilizer Management System). The dealers shall sell the fertilizers only through PoS machines, wherein farmers has to bring his aadhar to the retailer shop, give his thumb impression on the PoS machine by which sale is authenticated through PoS machine. This is Aadhar enabled fertilizer distribution system (AeFDS).

Once the sale of fertilizer is done through PoS machine by the retail dealer, 100% subsidy is released to the manufacturer / importer and payments are affected by the Department of Fertilizers on weekly basis.

This will ensure the identity of the buyer, who is purchasing the fertilizer. Sale through PoS device ensures identification of the buyers and also authenticates the sale, thereby ending leakage and diversion of fertilizer for non-agriculture purposes.

PESTICIDE CODING CENTRE

The Deputy Director of Agriculture, (IA) PTL & Coding Centre, Hyderabad is established at Old Malakpet, Hyderabad having the jurisdiction of entire state vide Amended G.O.Rt. No.755, A&C (FP II) Dept. Dt. 24/06/1999. There are two Pesticide testing laboratories in the state with Assistant Director of Agriculture as the DDO namely

1. PTL, Rajendranagar
2. PTL, Warangal

STRATEGY:

The objective to introduce this Coding procedure is to improve the quality of testing and to maintain the secrecy of sample analysis, which in turn results in availability of good quality pesticides in the market to the end users i.e., farming community at large.

AREA OF OPERATION:

This pesticide laboratory is mainly meant for Coding purpose at Hyderabad with an officer of the cadre of Deputy Director of Agriculture (IA), with necessary infrastructure. The Insecticide Analyst (Coding Officer) will receive all the Pesticide Samples drawn by Insecticide Inspectors in the State and arrange to transfer to another container, write only the name of Pesticide purporting to contain, give code Number and send to various PTLs for Analysis. After analysis the result sheet signed by the insecticide analyst of concerned pesticide testing lab will be sent back to the Deputy Director of Agriculture, (IA), Coding Officer. The Coding Officer will then decode and incorporate other particulars of the samples in the Analysis Report i.e., batch No., date of manufacturing, date of expiry etc., and send that report to the concerned Insecticide Inspector for taking further action. To this effect the necessary notification is published in the extraordinary issue of A.P. Gazette, vide G.O.Rt.No.754, Agril. & Co-op (FP II) Dept. Dt.24/06/1999.

TELANGANA GAZETTE NOTIFICATION:

The Andhra Pradesh Gazette Part I- Extraordinary Published by authority No. 282 Hyderabad Wednesday June-30, 1999 Notification in Government Agriculture & Co-op Department (PP II) Appointment of Deputy Director of

Agriculture, (Insecticide Analyst) Pesticide Testing Laboratory and Coding Centre at Hyderabad as Insecticide Analyst for the Andhra Pradesh (G.O.Rt.No.754 Agri. & Co-op (FP II) 24th June 1999).

In exercise of the powers conferred under section 19 Insecticide Act 1968 (Central Act 46 of 1968) the Government of Telangana hereby appoint the Deputy Director of Agriculture (Insecticide Analyst) Pesticide Testing Laboratory & Coding Centre, at Hyderabad as the Insecticide Analyst for the whole state for Analysis or Coding for Analysis of the Pesticide Samples in the state PTLs duly assigning Code numbers in respect of samples received from Insecticide Inspectors in the state for all the Insecticides as defined under clauses (E) of Section 3 of the said Act.

STAFFING PATTERN

The following staff members have been redeployed for establishing Coding Centre:

S.No	Designation	No. of posts redeployed
1.	Agriculture officer	1
2.	Jr. Asst.	1
3.	Stenographer	1
4.	Attenders	3
5.	Lab -boys/Assistants	2

DUTIES OF DDA PESTICIDE CODING CENTRE:

DDA is the Head of the PTLs/Coding Centre and Drawing and disbursing officer and act as State analyst for drawl of working sample and referring for detailed analysis to the Regional PTL's in the State Besides above shall carry out the following functions

- Accepts or reject samples on the basis of the degree of intactness of individual samples. On receipt of samples for analysis, the insecticide Analyst shall first ascertain that the marks and seals or fastened as provided in the insecticide Rules 1971. Rule 19 or intact and shall note the condition therein

- Monitor the receipt and registration of pesticide samples carried out by subordinate staff duly verifying the seals of samples.
- The DDA (IA) shall ensure that the time taken from receipt of sample from Inspector and to the date of dispatch of results to the Inspectors related to drawl, dispatch and communication of results to Insecticide Inspector after causing analysis.
- Also take action to transfer pesticides to another container if necessary by marking Code Numbers with generic name of sample and send to any PTL for further conduct of analysis or cause action for analysis in the laboratory itself.
- Take action to monitor for timely receipt of results of pesticide samples after analysis and decode the samples sent for analysis by furnishing full particulars, batch no, date of mfg and expiry etc.
- Take action to send samples to cause analysis to PTLs in the State by post or through messenger or any other means of transport depending upon urgency.
- Answerable to C& DA, State and Central Government in all aspects i.e., submission of monthly reports and other information
- Call any information from ADA, PTLs regarding analytical reports of samples for confirmation if any contingency arises.
- Inspect PTLs with approval of C&DA.
- Take all steps to ensure secrecy in registration of samples, coding, sending samples to PTLs and decoding till dispatch of results to the concerned Insecticide Inspectors.
- In addition to this exercise all powers delegated to the cadre of DDA in the Department.

DUTIES OF AGRICULTURAL OFFICER:

Shall be in charge of for all lab technical aspects and carry out following functions

- After receipt of consignment take up verification of seals and registration of samples received from Insecticide Inspectors as per procedures duly referring Form V D and Form V (E)
- Attend preparation of working samples by transferring the contents from original container to new container for coding and sealing properly.
- Assist the DDA in coding work
- Monitoring the work of lab boys/assistants and other staff in respect of the packing in corrugated boxes and labeling them with address tags with assistance of lab boys.
- Act as store incharge for glassware and containers etc.
- Act as custodian of emptied original containers till they are disposed off
- Maintain Stock registers for all lab materials.
- Decoding of samples after receipt of analytical report from lab Insecticide Analyst and posting them in the Analytical Report of Insecticide Analyst.
- Dispatch of Analytical Reports to the concerned Insecticide Inspectors and maintained dispatch Register (Proforma as annexure IV)
- Maintenance of Register for Misbranded pesticides (Proforma as annexure V)
- Preparation of Monthly Report and Annual Administrative report (Monthly Report Proforma as annexure VI)
- Any other duty assigned by DDA (IA), PTL & Coding Centre.

Procedure to be followed in Pesticide Coding Centre:

Soon after the receipt of pesticide samples in the laboratory for further course of action is as below:

a) Registration: The pesticide samples parcels will be opened duly checking the seals necessary entries will be taken in the concerned register in seriatim and that number is called Registration No. All the details will be cross checked with the Form V(D) & V(E) which will be sent by concerned insecticide inspector.

The AO (PTL) will register the samples and DDA (PTL) will supervise the registration (Proforma as annexure IX)

b) Sampling in PTL: The pesticide samples received from Insecticide Inspector (submitted samples) are required to be reduced to obtain working sample for referring for detailed analysis at specified laboratories.

c) For obtaining homogeneity: The entire content of sample is mixed thoroughly to obtain homogeneity in the content.

d) Methods for preparation of working samples:

- **Random cup method:** This method is meant for dust wettable powders and emulsifiable concentrates 6-8 small cups are placed at random on tray. The homogeneous material is poured uniformly over the tray. The material collected into cups is taken as working samples.
- **The hand halving method:** This method is meant for dust and wettable powders only. The homogenous material is poured evenly over smooth and clean surface divide the material into half and each half is halved again giving four portions with help of flat edged spatula each of the portion halved again giving 8 portions which would be arranged in rows of four. Subsequently alternate portions are combined and retained. This process is repeated till the required weight of working sample is obtained.
- **Spoon method:** this method is suitable for homogeneous dust and wettable powders. The homogeneous insecticide material is poured into a tray. The tray should not be shaken thereafter. Holding a spoon in one hand the small portion of material from not less than five random places on the tray should be removed and the removal is continued till the required weight of working sample is obtained.
- **Preparation of working sample:** The AO PTL will prepare working sample by transferring the contents of the original container which is received from Insecticide Inspector into new blank container 250 ml capacity of the Coding Centre as per BIS specification duly following prescribed procedure and recap it with cap sealer. The AO will mark registration No. of the empty/original containers and transfer them for storage. The new blank container of the working sample will be tagged with registration No. for assigning Code No and to write generic name of

the sample the original containers will be preserved till the results are received and then the action will be taken for safe disposal with approval of C&DA. Till such time they will be under the custody of A.O PTL. The working samples will be sealed and packed by the AO of the lab with the assistance of Lab Assistants/Boys and will be dispatched to different PTLs with inner and outside address tags along with covering letter.

e. Coding procedure: For this purpose a separate register will be maintained showing the details of registration and Code No's etc (Proforma as annexure X). The DDA (PTL) assigns Code No with assistance of AO (PTL & CC) by affixing stickers to the working samples. After affixing the coded number with generic name of the sample, the tag of registration No will be removed from the working sample. Similarly in case of dust /granules the contents of original sample of insecticide will be transferred to another polythene bag of same capacity for preparation of working sample. The same procedure will be adopted for sealing, packing etc. The register will be under the custody of DDA (PTL & CC). The working samples will be sealed and packed by the AO of the lab with the assistance of lab assistants/boys and will be dispatched to different PTLs along with covering letter and Form IV in triplicate.

f. Dispatch of coded samples:

The coded working samples containers will be packed in corrugated boxes with water proof cover to make them free of odour and the same will be sent to different PTLs through attenders of this centre to save time and to avoid risks like missing in transport and abnormal delays in transit. He will also dispatch them by post or any other means of transport depending upon the situation. Arrangements of vehicle will be made to transport the sample to nearest Bus station/Railway station. Dispatch of samples to PTLs will be arranged at least once in a week depending upon the arrival of samples. For taking delivery of pesticide samples sent by Insecticide Inspectors of different places through transport companies and post offices required transport vehicle will be made available.

g. Decoding Procedure:

The decoding process commences soon after receipt of Analytical Report of Insecticide Analyst of Lab in Form IV in triplicate. The detailed particulars of decoded samples will be incorporated in all three copies by AO of Centre and will be verified with record by the DDA before dispatch to the concerned Insecticide Inspector for taking necessary action at once duly retaining one copy of it in the centre. In case of misbranded samples, the other details as per prescribed case of misbranded samples the other details as per prescribed proforma will be submitted to C&DA, TS, Hyderabad and District Agriculture Officer concerned for information and necessary action.

h. Disposal of empty original containers:

The original containers will be preserved in the store till the receipt of Analytical Report from Insecticide Analyst. Thereafter, the DDA (IA) of PTL & CC will take action for disposal with approval of C&DA.

PESTICIDE TESTING LABORATORY:

Under Sec. 19 of Insecticides Act 1968 (Act 46 of 1968) the State Government appointed Insecticides analysts by establishing Pesticides Testing Laboratories in the State from time to time according to the load of work at different places as follows. During 1999-2000, a coding center headed by DDA (IA) is located at SAMETI Complex, Hyderabad to send coded samples and receive analytical reports and enter in record for dispatching to DDA, O/o C&DA and DAOs.

SNo	Place of laboratory	G.O.No. & date in which the lab staff sanctioned
1	Rajendernagar	G.O.Ms.No.1964 F&A (F.P.II) Dept., dt.3.8.1964
2	Warangal	G.O.Rt.No.1215 A&C (F.P.II) Dept., dt.18.11.1998
3	Bio-Pesticide Testing & Quality Control Laboratory	G.O.Ms.No.215 A&C (F.P.II) Dept., dt.5.7.2007
4	PTL & Coding Centre at SAMETI Complex, Hyderabad.	G.O.Rt.No.755 A&C (F.P.II) Dept., dt.24.6.99

PURPOSE FOR WHICH PESTICIDES TESTING LABORATORIES WERE CREATED WITH INSECTICIDES ANALYST AND SUPPORTING STAFF:

These labs have to analyze the samples collected under the Act (sent by Insecticide Inspectors and also request samples (sent by farmers / manufacturers). The dealers' statutory samples are to be analyzed within specified period indicated in the Insecticides Act / Rules.

Every product of pesticides / fungicides should contain certain guaranteed percentage of active ingredients. To analyze the active ingredients, the samples are drawn by Insecticide Inspectors appointed under section 20 of Insecticides Act 1968 by the State Govt. to ensure supply of quality Insecticides / Fungicides to the cultivators and to prosecute the dealers / distributors who exhibited / conducted sale of sub-standard pesticides under the provisions of the Insecticides Act, 1968 and rules made there under from time to time.

ORGANIZATIONAL JURISDICTION: There is no separate territorial jurisdiction to ADA (PTL) except to work within the laboratory. He/ She is responsible for supervision / analysis of pesticides in Laboratory in addition to the administrative and accounts functions.

The statutory functions shall be carried out by ADA (PTLs) with the assistance of Agril. Officers and Laboratory assistants, while office work shall be carried out with the assistance of ministerial and Class-IV staff effectively.

DECLARED AS HEAD OF THE OFFICE AND RESPONSIBLE FOR ALL THE FUNCTIONS.

ADA (PTL) is independent authority as far as statutory functions of the laboratory is concerned but administratively is subordinate to the District Agriculture Officer and C&DA, TS, Hyderabad.

DUTIES OF ADA (PTL):

- Parcel received from Pesticide coding centre are opened and samples are registered in Register of insecticide samples.
- Allotment of pesticide sample by entering in allotment register to the agricultural officer (Analyst) in the lab.
- Preparation of Form IV and covering letters after analysis by Agricultural Officers.

- Administration of office and attend to entire office correspondence.
- Supervision over the analysis of pesticide samples done by the agricultural officer.
- Attend the review meetings at state and district level offices.

DUTIES OF AGRICULTURAL OFFICERS:

- Analysis of pesticide samples and submission of calculation sheets after completion of analysis of samples.
- To assist the ADA PTL in preparation of monthly reports and office correspondence (technical).
- To maintain various items like chemicals, glassware, instruments etc.

ACCOUNTABILITY:

- a) Administrative Accountability: The Commissioner & Director of Agriculture insisting Addl. Director of Agriculture, District Agriculture Officer are the administrative authorities in enforcing the I Act and I Rules in their respective jurisdictions particularly for statutory functions of PTLs. ADA Pesticide Testing Laboratory is responsible for proper analysis and sending of analytical reports in time to DDA (IA) PTL Coding Centre SAMETI Complex Hyderabad who in turn further takes action in communicating results in Form IV to Insecticide Inspectors and DAOs and in case of misbranding to C&DA, TS for taking administrative action. He/she is accountable for all administration and accounts matters as the drawing and disbursing officer.
- b) The DDA (PP)/ADA (PP)/ADA (R) and MAO as Insecticide Inspectors are responsible for drawing of samples launching prosecutions duly following the procedure laid down in I Act and I Rules.
- c) The DDA, Coding Centre is responsible for coding and decoding the samples and sending to P.T.Ls and communication of results.
- d) The ADAs (PTLs) are responsible for proper analysis of samples and dispatch of analytical reports to DDA Coding Centre.

PERIODICALS REPORTS AND REGISTERS TO BE MAINTAINED BY THE PESTICIDE TESTING LABORATORIES:

1. Registration Register
2. Misbrand Register
3. Private Trade Register Periodicals
4. Farmer samples register
5. Service samples register
6. Chemical and glassware
7. Normality Register
8. Technical Register
9. Monthly progress report
10. Annual administration report
11. Monthly Act Returns Register

FORMATS:

I. INSECTICIDE SAMPLES REGISTERS (I.ACT SAMPLES)								
Lab Code No.	District	Name & address of I.I from whom received	Ref. No. & date	Date of draw l	Date of receipt	Code No. of C&DA	Name of the pesticide	Name of manufacturing Co.
1	2	3	4	5	6	7	8	9

Batch No.	Manufacturing date	Expiry date	Packing quantity of the sample	Condition of the seals	File No.	Name of the analyst	Date of analysis	% of A.I.
10	11	12	13	14	15	16	17	18
Result % of difference		Protocol No.	Date of Dispatch	Remarks		Signature of the ADA		
19		20	21	22		23		

II. PRIVATE SAMPLES REGISTER

S. No.	Lab Code No.	Date of receipt	From whom received	Challan No. & date	Amount paid	Name of the pesticides with Batch No.
1	2	3	4	5	6	7

Result	File No.	Name of the analyst with date of analysis	Signature of ADA
8	9	10	11

III. FARMERS REQUEST SAMPLES REGISTER

S. No.	Lab. Code No.	Date of receipt	Name of the farmer and address	Name of pesticide	Quantity of the sample	Address of the dealer	Bill No.
1	2	3	4	5	6	7	8

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Date of purchase	Name of manufacturers	Date of manufacture	Date of expiry	Batch No.	Analytical % of A.I	Result % of difference
9	10	11	12	13	14a	14b

File No.	Name of the analyst	Date of dispatch & remarks	Signature of ADA
15	16	17	18

IV. DEPARTMENTAL SAMPLES REGISTER

SNo.	Lab. Code No.	Date of receipt	Name & address of I.I. whom received	Ref. No. & date	Code No. of AO	Name of manufacture	Batch No. manufacturing date of Sample	Packing & quantity of the sample	Name of pesticide
1	2	3	4	5	6	7	8	9	10

Result		File No.	Name of the analyst	Date of dispatch	Signature of ADA
% of A.I.	% of difference				
11(a)	11(b)	12	13	14	15

BIO- PESTICIDE TESTING LABORATORY

INTRODUCTION:

Biological control is one of the key inputs in IPM, which envisages the conservation and augmentation of naturally occurring bio agents such as parasitoids, predators, entomopathogens, antagonistic fungi and bacteria. Department of Agriculture is encouraging use of Bio control agents in a big way in pest and disease management through Polambadiprogramme.

AIM AND OBJECTIVE:

To check the quality of Bio pesticides being manufactured and marketed in the state so as to ensure supply of quality bio pesticides to the farming community.

ADVANTAGES OF USE OF BIO PESTICIDES:

- Bio pesticides are generally specific (effective against target pests), apparently harmless to the beneficial insects, animals and human beings.
- No residue problems and environmental hazards.
- Use of Bio pesticides, enhance quality Competitiveness of the agriculture produces of our farmers in the international market.
- Bio pesticides are inherently less toxic than conventional pesticides.
- When used as a component of IPM, bio pesticides can greatly decrease the use of conventional Pesticides, while crop yields remain high.

ESTABLISHMENT OF THE LAB:

- I. The Bio-Pesticides Testing Lab was established by Government of Andhra Pradesh vide G.O.Rt.No.874 Dt. 29-08-2006 of A&C (FP-II) Department in the year 2006 at Malakpet, to ensure supply of quality bio pesticides to the farming community. The lab was inaugurated by Dr. Radha Singh I.A.S., Secretary (Agriculture), GOI. The lab is well established with all necessary equipment's for analysis of bio pesticides.
- II. Notification of ADA as Bio pesticides Analyst in the Bio pesticides Testing Lab at Malakpet, Hyderabad was issued vide G.O.Ms.No.215 Dt. 05-07-2007 of Agriculture and Cooperation for whole of the state of AP in respect

of all Bio pesticides (Insecticides) as defined in section 3 (e) of the Insecticides Act 1968.

BIO PESTICIDES UNDER ACT:

Seventeen (17) Bio pesticides were included in the schedule of Insecticides Act in the year 1999 to facilitate regulation of Bio Pesticides being manufactured and used in the country. The following Bio pesticides are analyzed by this lab:

1. *Pseudomonas fluorescens*
2. *Trichoderma viride*
3. *Trichoderma harzianum*
4. *Beauveria bassiana*
5. *Verticillium lecanii*
6. *Metarrhiziumanisopliae*
7. *Bacillus thuringiensis*
8. *Paecilomyces lilacinus*
9. Nuclear Polyhedrosis Virus (NPV)

QUALITY STANDARDS FOR BIO PESTICIDES PRESCRIBED BY CIB & RC

- a) **Bacillus thuringiensis:** The quality standards of formulations of Bt. by heat viable spore count and test for other microbial contaminants and physical parameters moisture content (12%), P^H (7-8).
- b) **NPV:** Counting of Polyhedral Occlusion Bodies (POBs) using haemocytometer & phase contrast microscope and test for other microbial contaminants.
- c) **Antagonistic and Entomogenous Fungi & Bacteria:**

Colony forming units (cfu) on selective medium, test for other microbial contaminants, moisture content & p^H.

INDIAN STANDARDS FOR QUALITY CONTROL OF BIO-PESTICIDES AS PER CIB & RC

Name of the Bio pesticide	Quality parameters				
	cfu / gm or ml (minimum of)	Other Microbial Contaminants cfu/ gm or ml (not to exceed)	% of Moisture	pH	
Trichoderma viride	CFU count /gm Or ml	2 X10 ⁶	1 X 10 ⁴	8	7.0
Pseudomonas fluorescens	CFU count/gm or ml	1 X 10 ⁸	1 X 10 ⁴	12	7.0
Beauveria bassiana	CFU count/gm or ml	1 X 10 ⁸	1 X 10 ⁴	8	7.5
Verticilliumlecanii	CFU count/gm or ml	1 X 10 ⁸	1 X 10 ⁴	8	7.5
Paecilomyceslilacin	CFU count/gm or ml	2 X 10 ⁶	1 X 10 ⁴	8	7.0
Metarhiziumanisop	CFU count/gm or ml	1 X 10 ⁸	1 X 10 ⁴	8	7.5
Bacillus thuringiensis	Heat viable Spore Count/gm or ml	1 X 10 ⁸	1 X 10 ⁴	12	7-8
NPV	POBs/ ml or gm	1 X10 ⁹	1 X 10 ⁴	---	7

DUTIES OF ADA:

1. Allotment of Registered samples to AOs
2. Supervision of Media preparation
3. Observation of the Analyzed samples (Act , BCL and service)
4. Supervision of Fumigation
5. Results communication of Analyzed samples (Act, service and BCL)
6. Supervision of Maintenance of sterile conditions in the laboratory
7. Budget utilization and purchase of office & lab requirements
8. Liaison with higher officers and link departments.
9. Maintaining the cash book and bank transactions
10. Monthly reports
11. Consolidation of annual administration reports
12. Other need based correspondence

DUTIES OF AO:

1. Registration of samples (Act, service and BCL)
2. Preparing for fumigation
3. Media preparation
4. Analysis of the act, service and BCL samples
5. Analysis includes (For Colony forming units, PH, Moisture)
 - weightment of the sample,
 - serial dilutions,
 - media preparation and transfer to media in petri plates,
 - inoculation under LAF,
 - incubation,
 - observation,
 - Results preparation and dispatch.

6. Maintaining stocks of glassware, chemicals, laboratory consumables and stationery log books.
7. Maintaining misbrand samples register, observation register, registration register, postage register, stock registers
8. Preparation of monthly reports and annual administrative reports.

WORK DONE SINCE INCEPTION OF LAB

- Analysis of bio pesticide samples produced by the 14 State Government Biological Control Labs started in the month of December 2007. Previously these samples were analyzed by DOR on payment [basis@Rs.500/-per](#) sample. A total No. of 23 samples were analyzed during the year 2007-08 by this Laboratory.
- The laboratory became functional from 2008-09, by receiving Bio-Pesticide samples for analysis under Act and Service sample categories apart from testing samples of the State owned Biological control laboratories.
- As per G.S.R.1204 (E) dated 5-12-2018 of Ministry of Agriculture and Farmers welfare fees for testing or analyzing the samples of insecticides or Bio-pesticides are as follows.
 1. Testing fees for following analytical techniques for samples of Insecticides whose active ingredient is known.
 - Gas Chromatograph : Rs. 6500/sample
 - High Performance liquid chromatograph : Rs. 7500/sample
 - UV – Visible Spectrophotometer : Rs 5500/sample
 - Fourier Transform infra – Red Spectrometer :Rs 6000/sample
 - Titrimetric : Rs 4000/sample
 2. Testing fees for sample of bio-pesticide whose active ingredient is known - Rs. 4000/sample.
 3. Testing fees to test presence of registered bio-pesticide of below mentioned Bio-origin from bio-product sample whose active ingredient is not known.

(I) Nuclear Polyhedrosis Virus or Granulosis virus only - Rs. 2000/sample,
(II) Bacteria only - Rs. 2000/sample, (III) Fungi only -Rs. 2000/sample,
(IV) For (I), (II) & (III) - Rs. 6000/sample

4. Testing fee for analysis of samples of insecticide or bio-pesticides whose active ingredients is not known

✓ Liquid Chromatograph : Mass Spectrometer - Rs.15,500/sample

✓ Gas Chromatograph : Mass Spectrometer - Rs.10,500/sample

➤ The statement showing the details of the Bio-pesticide samples analyzed under various categories since inception of the lab is appended in Annexure-I and the statement showing the details of year-wise and product wise Bio-pesticide samples analyzed under various categories since inception of the lab is appended in Annexure-II respectively.

BIOLOGICAL CONTROL LABORATORIES

INTRODUCTION:

Bio-agents are one of the key components under IPM strategy. Before bifurcation 1998-99 (14) B.C Labs were functioning in the state to popularize Biological control of insect pests as a part of IPM thereby reducing pesticide consumption which is causing environmental pollution, ecological imbalance.

Now in Telangana State (9) B.C Labs are functioning in all the erstwhile districts. The technical staff is trained in production of Bio-agents at ICRISAT, DOR, PDDB Bangalore, PJTSAU, NCIPM and NIPHM.

Insect pests are being controlled by means of bio-agents as a part of IPM and thereby reducing the pesticide consumption which is causing environmental pollution, ecological imbalance and pesticide residues in food products. In most of the Agriculture Departmental Schemes the Bio-agents are one of the components and are being supplied to farmers on subsidy.

THE USE OF BIO-AGENTS IS GIVEN BELOW:

Trichoderma viridae : Seed treatment and soil application to prevent seed and soil borne diseases like Rhizoctonia, Sclerotium, pythium on cotton, pulses and oil seeds.

Seed treatment 8-10 grams trichodermaviridi /kg of seed.

Soil application 100kgs of Farm Yard Manure + 4 kgs trichodermaviridi

Pseudomonas fluorescense: Seed treatment and to control sheath blight, leaf spot and blast in paddy.

Seed treatment 8-10 grams trichodermaviridi /kg seed.

Soil application 100 kgs of Farm Yard manure + 4kg of Trichoderma viride foliar spraying 6-10 grams/liter of water - 200liters per acre.

Tricho Cards : Three strains of trichogramma are being produced to control stem borer in paddy, Spodeptera, leaf minor in groundnut, Heliothis, Spodeptera on cotton.

Metarhiziumanisopilae : It is proposed to produce Metarhizium during the year 2019-20 for the control of Fall Army Worm.

Nuemeræ : It is proposed to produce Nuemeræ during the year 2019-20 for the control of Fall Army Worm.

Bt. Formulation : It is proposed to produce Bt. Formulation on trial basis during the year 2019-20 for the control of Pink Boll Worm.

OBJECTIVES:

1. To monitor pest and disease incidence on major crops and popularize the concept of economic Threshold level (E.T.L.) for under taking need based and judicious application of pesticides.
2. To promote biological control of crop pests by conservation and augmentation of bio control agents.
3. To help extension functionaries and farmers in promoting IPM technology through trainings and Bio control demonstrations.

4. To popularize the Integrated Pest Management technology among the farming community and extension functionaries by organizing IPM demonstration and Biological Control demonstrations and also organize Biological Control Training Programme to enable them for promoting the use of Bio-agents and Non-chemical method of pest control like, cultural mechanical and Biological practices.
5. To produce Bio-agents, like Parasites, parasitoids, predators and NPV and supply for demonstrations.

DUTIES OF ASST. DIRECTOR OF AGRICULTURE IN B.C LAB:

- Work out the requirement of Bio-agents in the districts attached by the Commissioner and Director of Agriculture at least one year in advance.
- Identify materials required for production of bio-agents, places of availability of the material in plenty and plan for their procurement at cheapest rates in time.
- Plan out for starting production of the Bio-agents in right time, so that their releases coincide with the outbreak of the pests to control pest effectively and reduce the crop losses.
- Maintenance of quality of the products duly conducting qualitative tests.
- Test the efficiency of the Bio-agents at field level. Identification of problematic fields and release of the Bio-agents in the field and conducting evaluation studies.
- Get feedback from the extension wing for evaluation.
- Frequent checking of records and registers maintained by subordinate staff.
- Organize I.P.M. demonstrations on selected crops in the farmer's fields within the easy reach of the laboratory.
- Conduct pest surveillance test in the districts/ Area allotted and work out the pest and defender ratio to guide the extension staff and farmers to take up control measures.
- Overall supervision on the implementation of the programme in all the sub centres.

- Frequent visits to sub-centres and inspecting the cultures.
- Inspection of releases and certain number of checking on releases.
- Selection of villages for releases.
- To diagnose the reasons of dwindling of cultures and to suggest corrective measures.
- To act as head of the office for all the units and payment of salaries/ wages to the staff.
- Evaluation of Biological control work at field level during his visits and to workout percentage of parasitization and pest infestations from time to time.
- To allot items for observations to the Agril. Officers and drawing inferences from the observations.
- To have close contact with research Scientists and obtain knowledge on new technology and communicate to all the Agril. Officers for implementation from time to time.
- To gather the field and laboratory problems and pass on to Scientists for getting solutions.
- Submission of reports and returns to the C&DA on the working of the laboratories.
- Submission of monthly progress reports and other reports to the C&DA on production/ supplies of Bio-agents along with physical and Financial targets/ achievements and expenditure particulars.
- Study and design better equipment in multiplication and release of parasites and production of NPV and also search for better and more effective parasites for multiplication and released and mother culture for NPV production, correspondence with higher officers with regard to B.C.Labprogrammes.
- Overall responsible in all aspects regarding BC- Lab functions.

DUTIES OF AGRICULTURAL OFFICERS:

- To maintain general discipline among staff in the lab.

- To supervise cleanliness in the laboratory
- To supervise and maintain proper temperature and humidity in the laboratory.
- To supervise for proper feeding to host larvae for NPV production.
- To supervise the centrifuging of NPV.
- To check in quality of NPV and standard of NPV to check the current dispatching of NPV to destinations.
- To supervise for proper feedings to host and parasites and also to attend personally.
- He is responsible for multiplication of parasites and NPV in sufficient numbers and quantity in time.
- To inspect fields of the selected villages and locate the points of release for proper spread of parasites and guiding how to spray NPV.
- To supervise and also personally attend to release in the release points and decide the number of parasites to be released daily per point.
- To evaluate weekly percentage of parasitisation at field level by the parasites released and also by indigenous parasites and efficacy of NPV sprayed.
- To conduct observations and experiments on several points to gather information that is useful for increasing the efficiency of Biological control work.
- To indent and obtain all the laboratory equipment and materials needed to the ADA BC-Lab.
- To develop contact with farmers of the selected villages and to explain them about Biological control of pest and request them not to take up spraying of chemicals which are injurious to parasites on crop and recommend for NPV/Trichoderma viride/ Bacillus thuringiensis and Neem based chemicals.
- To submit reports and returns to the ADA BC-Lab regularly on their activities.

- All the activities of Agril. Officer should be under the supervision of ADA BC-Lab.

STATE AGRICULTURAL MANAGEMENT AND EXTENSION TRAINING INSTITUTE (SAMETI):

SAMETI registered under Societies Registration Act, 1860 has been functioning as an autonomous body from the year 2000 after up gradation of Agricultural Staff Training Institute (ASTI). It is located at Old Malakpet, Hyderabad which is 6 km away from Hyderabad Railway Station, 3 Km from Imliban Bus station and 24.6 Km from Rajiv Gandhi International Airport.

BRIEF HISTORY OF SAMETI:

It was originally established in the year 1966 as Plant Protection Training Centre (PPTC), within the State Department of Agriculture for capacity building of the Agricultural department extension functionaries in the innovative & new agricultural practices to meet the situations arising from large and frequent pest outbreaks. The field workers were educated & trained in monitoring and identifying different pests and diseases through symptomology studies, microscopic examination and other techniques to acquire skills in handling different types of application, machinery and to study different management practices to mitigate the situation. Hence the institute was renamed as State Institute of Plant Protection and Pest Surveillance (SIPP & PS).

Later on, the Soil Conservation Training centre (SCTC), Hyderabad was merged with the institute and the institute was renamed as Agricultural Staff Training Institute (ASTI). The Institute was working under administrative control of Commissioner and Director of agriculture Andhra Pradesh. The main objective of the institute was to organize training to the Extension staff of the agriculture department in Improved Crop Production technologies Soil Conservation & also organize foundation trainings to the newly recruited departmental technical staff etc.

This institute was upgraded as an autonomous institute & registered under Societies Registration Act, 1860 from on 23.3.2000 & renamed as State Agricultural Management & extension Training Institute (SAMETI) under National Agricultural Technology Project (NATP) as per G.O Ms. No. 62 dated 3.3.2000 of Agriculture & Cooperation (FP.II) Department, Govt. of AP, Hyderabad.

As per the Reorganization Act 2014 SAMETI-Telangana was formed on 06-06-2014 with operation area of 10 districts with Registration No.459 of 2014.

AIMS AND OBJECTIVES

- To function as State Agricultural Management and Extension Training Institute at state level and to provide extension management input for extension functionaries of Agricultural and line departments.
- To develop systematic linkages between the line departments, state universities and regional and national institutes of outstanding accomplishments in the field of agriculture.
- To study the Agricultural Extension Management Systems and policies together with operational problems and constraints at all levels.
- To promote and develop the management tools for improving the effectiveness of Agricultural Extension Services through the mechanism of personnel management, resource management and input management.
- To organize need based trainings for senior, middle and grass root level functionaries for developing skills in executing extension programmes.

IMPORTANT ACTIVITIES

- Organizing different technical trainings for Department of Agriculture for capacity building of the field functionaries.
- Organizing different Managerial Trainings for Line Departments i.e., Animal Husbandry, Horticulture, Sericulture & Fisheries for Human Resource Management at Field Level.
- Conducting various State Level Workshops / pertains to Polambadi, Organic Farming, ATMA, RKVY, NFSM, Soil Health Management, AGRISNET, INSIMP, WTO, Disaster Management & Project Programme Promoters under NSP.
- Organizing Off-Campus Trainings of EEI & MANAGE.
- SAMETI is identified as Nodal study centre for PGDAEM, a diploma course in Agriculture Extension Management for the Agriculture, Animal Husbandry, Horticulture, Sericulture & Fisheries Departments organizing contact classes & conducting exams regularly.

- Organizing Induction Trainings to the Newly Recruited Agricultural Officers in the Departments.
- Organizing capacity building of all the departmental officers i.e., Joint Directors of Agriculture, Deputy Directors of Agriculture, Assistant Directors of Agriculture & Agricultural Officers for strengthening & skills up gradation.
- For enriching, refreshing and update technical knowledge of the SAMETI faculty, officers will be deputed to the various State & Central Government Institutes.

This Institute is managed by the General and Executive Councils.

GENERAL COUNCIL:

The Government of Telangana has constituted the General Council of SAMETI. The General Council takes all major policy decisions, reviews and monitors the performance and progress. The directions of the council are implemented by the Institute authorities. As per the G.O Rt.No.37, Dt: 17.7.14 of Agriculture & Cooperation Department, Government of Telangana State.

1. Hon'ble Minister for Agriculture, Telangana State.
2. Principal Secretary to Government (A&C), Government of Telangana State.
3. Commissioner and Director of Agriculture, Telangana State, Hyderabad
4. Vice Chancellor, PJTSAU, Rajendranagar, Hyderabad
5. Director, CRIDA, Hyderabad
6. Director General MANAGE, Hyderabad
7. Principal, Director, Extension Education Institute (EEI), Hyderabad
8. Commissioner of Horticulture, Telangana, Hyderabad
9. Director of Animal Husbandry & Veterinary Science.
10. Director of Fisheries, Hyderabad/Executive Director NFDB, Hyderabad
11. Representative Nominated by Principal Secretary Finance, Telangana State.
12. Additional Joint Secretary to Government (A&C) Department, Secretariat, Hyderabad.
13. Commissioner of Rural Development, Hyderabad.
14. Director, NIRD, Hyderabad.

15. Director, SAMETI, Telangana State, Hyderabad
16. Ex-Officio Secretary, Executive Director.
17. Director, ATMA, Telangana State, Hyderabad
18. Two Persons of representatives of reputed in the field of Agriculture and Allied fields to be nominated by Hon'ble President.
19. Director General, WALAMTARI, Hyderabad.
20. Deputy Director General / Joint Director General (Training) I/C O/o. Director, General MCR HRD Institute, Hyderabad.
21. Director, Directorate of Rice Research, Hyderabad.
22. Director, Directorate of Oilseeds Research, Hyderabad.
23. Director, National Research Centre for Sorghum (NRCS), Hyderabad.
24. Commissioner / Director, SIRD, Hyderabad.
25. Chief Conservator of Forest, Hyderabad.
26. One District Head from each district relating to Agriculture, Horticulture, Animal Husbandry, Fisheries to be rotated once in two years nominated by Director, SAMETI, Telangana State, Hyderabad
27. Two farmers Representatives to be nominated by the Executive Council with a team of two years only.
This General Council meets once in a year.

EXECUTIVE COUNCIL

Subject to the General control and directions of the General Council, the Executive Council shall be responsible for the management and administration of the affairs of SAMETI in accordance with the rules and bye-laws made there under for the furtherance of its objectives and shall have all powers which may be necessary or expedient for the purpose. As per the G.O Rt.No.37, Dt: 17-7-2014 of Agriculture & Cooperation Department, Government of Telangana State

- | | |
|---|--------------|
| 1. Principal Secretary (Agriculture), Government of
Telangana State, Hyderabad | Chair person |
| 2. Commissioner and Director of Agriculture,
Telangana State, Hyderabad. | Member |
| 3. Commissioner of Horticulture, Telangana State,
Hyderabad | Member |

- | | |
|--|--------|
| 4. Vice Chancellor, PJTSAU, TS, Hyderabad | Member |
| 5. A Representative from Finance Department
Government of Telangana nominated by the
Secretary | Member |
| 6. Additional Joint Secretary to Government (A&C) | Member |
| 7. Director of Extension, PJTSAU, Rajendranagar,
Hyderabad | Member |
| 8. Director, SAMETI, Telangana State, Hyderabad
Member/Convener | |
| 9. Director-ATMA, Telangana State, Hyderabad | Member |

ACADEMIC COMMITTEE:

The Academic Committee consists of the following members:

1	Director, SAMETI, Telangana State, Hyderabad	Chairman
2	Additional Director of Agriculture, O/o Commissioner of Agriculture, Telangana State, Hyderabad.	Member
3	Additional Director, O/o Director of Animal Husbandry, Telangana State, Hyderabad.	Member
4	Additional Director, O/o Commissioner and Director of Horticulture, Telangana State, Hyderabad.	Member
5	Additional Director, O/o Commissioner and Director of Fisheries, Telangana State, Hyderabad.	Member
6	Joint Director of Agriculture, NRM O/o Commissioner of Agriculture, Telangana State, Hyderabad.	Member
7	Principal, Director, EEI, Rajendranagar, Hyderabad.	Member
8	ADA-1 (Establishment) O/o. Director, SAMETI, Telangana State, Hyderabad.	Member

9	ADA-II (Trainings), O/o. Director, SAMETI, Telangana State Hyderabad	Member
10	ADA-III, O/o. Director, SAMETI, Telangana State, Hyderabad	Member

Every meeting of the academic committee shall be presided by the Chairman and in his absence the academic committee will elect a Chairman for the specific meeting.

POWERS & FUNCTIONS OF THE ACADEMIC COMMITTEE:

The Academic Committee shall deal with policy matters relating to research and training. It shall also function as the committee on evaluation. It shall deal with matters, proposals or schemes relating to the following subjects referred to it or initiated by it or otherwise.

FUNCTIONS

- a) The SAMETI will act as State Level Training Institute on agricultural extension management, by having linkages with other departmental training institutes in the state like FTCs, KVKs, ATMA, SCTC etc.
- b) It will conduct training courses on various subjects like agricultural extension management, agronomy, weed science, soil science, entomology, plant pathology, soil conservation, watershed Management and on allied subjects in agriculture.
- c) SAMETI will organize off-campus training programmes sponsored by Government of India, international and national institutes, NGOs, and other programmes by department of agriculture & other state government departments.
- d) It will improve the agricultural extension technology by deputing the senior and middle class functionaries to the trainings on various subjects that are being conducted by international and national institutes.
- e) It will provide consultancy support on request by any Line Departments / Organizations / NGOs
- f) The SAMETI will also improve information management by upgrading the present system.

FACULTY SUPPORT FROM INSIDE AND OUTSIDE THE INSTITUTE:

The SAMETI will take the support from different organizations of various line departments like Animal Husbandry, Horticulture, Sericulture, Agro

Industries, Forestry, Fisheries, Home Science, Research Institutions of SAU, ICAR, ICRISAT, in addition to the support of the faculty of SAMETI. The honorarium will be paid to faculty from outside SAMETI along with TA & DA, boarding and lodging facilities.

SAMETI TRAININGS

- a) Annual training programme of SAMETI.
- b) Policy matters relating to training activities of the centre such as methodology of training, coverage, course content, syllabus, duration etc.

AREAS OF TRAINING

Mandate of SAMETI is to promote the extension and management tools for improving efficiency in extension services by capacity building of the extension functionaries working in Agriculture & Line Departments like Horticulture, Veterinary & Sericulture. Emphasis is laid in the following areas while formulating the training programmes:

DIRECTOR SAMETI

1. The Director of the institute shall exercise powers as head of the Institute, the powers as prescribed by the rules of State Agricultural Management and Extension Training Institute (SAMETI) and by these laws and such other powers as may be delegated to him by the Executive Council from time to time
2. The Director may delegate any of the power vested in him under these bye-laws to any of the officers of the institute provided that no power are delegated in respect of:
 - Incurring of Capital Expenditure of any other nature not provided for in the approved budget.
 - Re-appropriation of funds
 - Write off of losses and
 - Incurring of Capital expenditure on purchase of furniture and office equipment costing more than Rs. 25 thousands in each individual case.

The State Agricultural Management and Extension Training Institute (SAMETI) (Financial) Bye-Laws will come in to force from the date of approval by General council.

Provided that any order issued, any action taken or any powers exercised before coming into force of the State Agricultural Management and Extension Training Institute (SAMETI) (Financial Bye-Laws) and all sanctions, orders, declaration or other action taken before the commencement of these bye-laws shall continue to be operative and in force even after the commencement of these bye-laws, unless specifically cancelled or revoked by the authority who accorded such sanction or took such action.

ASSISTANT DIRECTOR OF AGRICULTURE (SAMETI)

1. ADAs are coordinators for organizing training programmes i.e on campus and off Camps training programmes, technical trainings, managerial trainings, Management Trainings, extension methodology trainings, sensitization training programmes.
2. Assist Director, SAMETI in organizing General Council meeting, Executive Council Meeting & Academic Committee meetings
3. Preparation of Annual Administration Reports for academic year, monthly reports, outcome budget, Action Plan, Documentation of annual training programmes.
4. Attending further correspondence to allied departments, MCR HRD, EEI, MANAGE

AGRICULTURE OFFICERS:

Agriculture officers assist the ADAs in conducting the training programme like, arranging for field visit, transport facilities, coordinating with resource persons etc.,

AGRICULTURAL TECHNOLOGY MANAGEMENT AGENCY (ATMA)

BACKGROUND & STRATEGY:

Erstwhile Sub-Mission on Agricultural Extension (SAME) was being implemented under National Mission on Agricultural Extension & Technology (NMEAT) w.e.f.2014-15. Now SAME has been subsumed as sub-scheme of Umbrella Scheme-Green Revolution- Krishonnati Yojana from 2017-18.

INTRODUCTION:

Extension Reforms in India were pilot tested in 28 Districts in 7 States from 1998 to 2005. This successful experiment served as a basis to launch the

Scheme "Support to State Extension Programmes for Extension Reforms" in the year 2005-06. It was revamped, expanded and strengthened comprehensively in the year 2010 & 2014. Coverage of the scheme was increased in a phased manner. It is currently operational in 676 districts.

The 12th Plan Approach Paper identifies several challenges faced by the agricultural extension and also gives suggestions to deal with the same. Some of these include integrating Krishi Vigyan Kendra's (KVKs) problem solving skills and the feed-back they provide to State Agriculture Universities (SAUs) and National Agriculture Research System (NARS) with ATMA and strengthen district level planning; using technology to reach out to the farmers, raising capability of rural poor to conserve and manage their livestock and fisheries resources and derive sustainable incomes; link small farmers to markets; promote decentralized participatory research as well as knowledge intensive alternatives in rain-fed regions.

AIMS & OBJECTIVES:

1. The Scheme 'Support to State Extension Programmes for Extension Reforms' aims at making extension system farmer driven and farmer accountable by disseminating technology to farmers through new institutional arrangements viz. Agricultural Technology Management Agency (ATMA) at district level to operationalize the extension reforms on a participatory mode.

2. This Scheme shall focus on the following key extension reforms:

- Encouraging multi-agency extension strategies involving Public/Private Extension Service Providers
- Ensuring an integrated, broad-based extension delivery mechanism consistent with farming system approach with a focus on bottom up planning process.
- Adopting group approach to extension in line with the identified needs and requirements of the farmers in the form of CIGs & FIGs and consolidate them as Farmers Producer Organizations;
- Facilitating convergence of farmer centric programmes in planning, execution and implementation.
- Addressing gender concerns by mobilizing farm women into groups and providing training to them.

The above objectives shall be met through strengthened institutional arrangements, dedicated manpower, Innovative Technology Dissemination component and revamped strategy.

STRATEGY

ATMA component will be implemented through the institutional mechanism as detailed below:

State Level:

- The State Level Sanctioning Committee (SLSC) set up under Rashtriya Krishi Vikas Yojana (RKVY) is the apex body to approve State Extension Work Plan (SEWP) which will form a part of the State Agriculture Plan (SAP). In those cases where SLSC meeting cannot be held in time or there is any other administrative reason, SEWP can be approved by the Executive Committee of SMAE the recommendation of Inter Departmental Working Group (IDWG).
- The SLSC will be supported by the Inter Departmental Working Group (IDWG) which is responsible for day-to-day coordination and management of the Scheme activities within the State.
- The State Nodal Cell (SNC), consisting of State Nodal officer, State Coordinator, State Gender Coordinator and supporting staff will ensure timely receipt of District Agriculture Action Plans (DAAPs), formulation of State Extension Work Plan (SEWP) duly incorporating farmers' feedback obtained through State Farmer Advisory Committee (SFAC) and its approval by the SLSC. The SNC will then convey the approval and monitor implementation of these work plans by State Agricultural Management & Extension Training Institutes (SAMETIs) and ATMAs. The SAMETIs will draw-up and execute an Annual Training Calendar for capacity building of the Extension Functionaries in the State. While doing so, the SAMETI will check duplication and overlapping of training content, training schedule, and trainees themselves.

District Level:

ATMA is an autonomous institution set up at district level to ensure delivery of extension services to farmers. **ATMA Governing Board** is the apex body of ATMA which provides overall policy direction. **ATMA Management**

Committee is the executive body looking after implementation of the scheme. District Farmers Advisory Committee is a body to provide farmers' feedback for district level planning and implementation. With dedicated staff provided for the ATMA, it will continue to be the district level nodal agency responsible for overall management of agriculture extension system within the district, including preparation of **Strategic Research and Extension Plan (SREP)**.

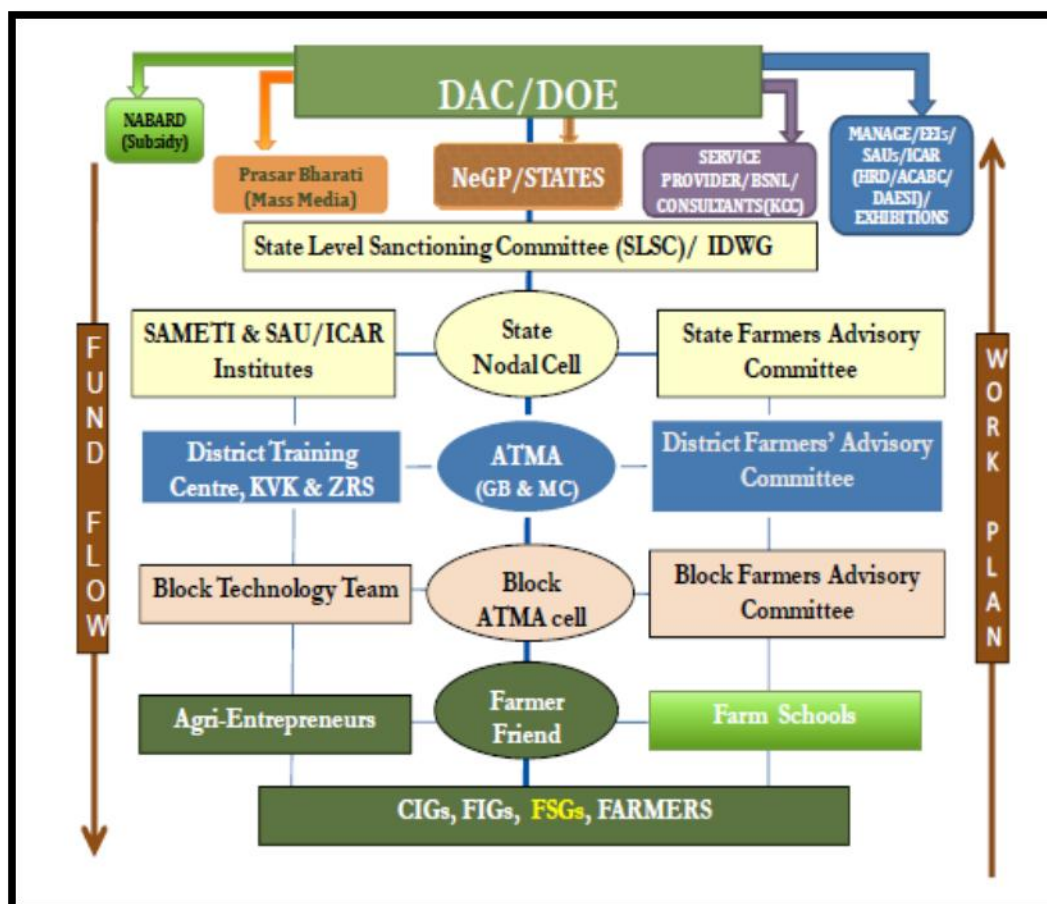
Block Level:

The Block ATMA Cell consisting of **Block Technology Team (BTT)** (a team comprising officers of agriculture and other allied departments within the block) and **Block Farmers' Advisory Committee (BFAC)** (a group exclusively consisting of selected farmers of the block) will prepare the Block Action Plan (BAP) and provide necessary extension support within the Block in its execution.

Village Level:

- The **Farmer Friend (FF)** will serve as a vital link between extension system and farmers at village level (one for every two villages).
- **Agri-entrepreneurs, Diploma holders in Agricultural Extension Services for Input Dealers (DAESI), Input Dealers and extension workers in non-governmental sector** will supplement the efforts of extension functionaries.
- **Commodity Interest Groups (CIGs), Farmer Interest Groups (FIGs) and Food Security Groups (FSGs)** will serve as a nodal point for information & technology dissemination among its members.
- **Farm Schools** will serve as a mechanism for farmer-to-farmer extension at every Block.

THE ORGANIZATIONAL STRUCTURE AT VARIOUS LEVELS HAS BEEN DEPICTED IN THE FOLLOWING DIAGRAM:



The following **Committees** shall be set up at various levels.

State Level:

- Inter- Departmental Working Group (IDWG)
- SAMETI Executive Committee
- State Farmers Advisory Committee (SFAC)

District Level:

- ATMA Governing Board
- ATMA Management Committee
- District Farmers Advisory Committee (DFAC)

Block Level:

- Block Technology Team (BTT)
- Block Farmers Advisory Committee (BFAC)

THE COMPOSITION, FUNCTIONS AND MANDATE OF THESE COMMITTEES HAVE BEEN GIVEN BELOW:

(i) INTER DEPARTMENTAL WORKING GROUP (IDWG)

In pursuance of the number of mechanisms built into the project design and to ensure effective coordination amongst Departments like Agriculture, Animal Husbandry, Fisheries, Horticulture, Soil Conservation etc., a State level Inter Departmental Working Group under the Chairmanship of the Agriculture Production Commissioner/ Principal Secretary (Agriculture) with the following composition would continue to monitor the scheme activities. **The IDWG will meet once in every Quarter.**

Composition:

1. Agriculture Production Commissioner/Principal Secretary (Agriculture)	Chairman
2. Secretary (Finance)	Member
3. Secretary (Agriculture)	
4. Secretary (Horticulture)	Member
5. Secretary (Animal Husbandry)	Member
6. Secretary (Rural Development)	Member
7. Secretary (Fisheries)	Member
8. Secretary (Soil Conservation)	Member
9. Secretary (Women & Child Development)	Member
10. Secretaries of related Departments (wherever necessary)	Member
11. Vice Chancellor(s) of SAU(s)	Member
12. Director(s) of ICAR Institutes in the State	Member
13. NABARD Representative at the State level	Member
14. Director, Doordarshan	Member
15. Director, All India Radio	Member

16. Director(SAMETI)	Member
17. Two progressive Farmer(preferably 1 male and 1 female)	Member
18. Commissioner/Director(Agri.)/State Nodal Officer	Member Secretary

Note: In departments like Horticulture, Soil Conservation etc, where separate Secretaries do not exist, Directors of the Departments concerned may act as Members on the IDWG.

Key functions of IDWG:

- To consider and recommend State Extension Work Plan for its approval by State Level Sanctioning Committee headed by Chief Secretary/ Addl. Chief Secretary or Technical Committee in DAC & FW.
- Support and monitor the functioning of State Nodal Cell including timely preparation for necessary approvals and its subsequent execution.
- Provide a mechanism for interactions with the Department of Agriculture & Cooperation and amongst various Departments within the State including Agricultural Research system.
- Promote an enabling environment with necessary policy directions for achieving necessary convergence amongst all Sub-Missions of NMAET/ all Stakeholders related to the execution of SAME activities at State, District and Block levels.
- To internalize Innovative concepts and institutional arrangements successfully demonstrated by the ATMAs for the purpose of up-scaling and replication.
- To provide guidance on HRD/ Capacity building matters through State level Committee/ Executive Committee of SAMETI.
- To provide guidance to Chairmen, ATMA Governing Board for day to day execution of ATMA activities.
- To provide guidance for convergence mechanism for all Farmer centric schemes.
- To deal with any other policy issue related to implementation of the project, which emerges from time to time.
- To review activities of SAMETIs on regular basis.

(ii) STATE AGRICULTURAL MANAGEMENT AND EXTENSION TRAINING

INSTITUTE (SAMETI)

The State Agricultural Extension Management and Training Institute (SAMETI) would be strengthened in terms of infrastructure and manpower. The SLC will guide the SAMETI to achieve the aims and objectives specified in the Guidelines with the involvement of all suggested Stakeholders.

Key functions of SAMETI

- Provide capacity building support in Extension Management related areas to the extension functionaries from public, private and non-governmental sectors.
- Provide consultancy in the areas like project planning, appraisal, implementation, monitoring & evaluation etc.
- Develop and promote application of management tools for improving the effectiveness of Agricultural Extension services.
- Organize need based training programmes for middle level extension functionaries.
- Develop modules on Management, Communication, Participatory Methodologies etc., as a sequel to the feedback from training programmes.
- Organize Annual Workshop involving all the agricultural related training Institutes in the State to achieve complementarity in training and capacity building for functionaries of agriculture and allied departments.
- Will coordinate with MANAGE in organising DAESI programme.

District level:

(iii) ATMA GOVERNING BOARD (GB)

The ATMA Governing Board (GB) is a policy making body which provides guidance, reviews & steers the progress and functioning of the ATMA.

Composition:

01.District Magistrate / Collector or Chief Development Officer (CDO)/ Chief Executive Officer (CEO) as decided by DM	Chairman
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02.District Head of Agriculture Department	Member
03.Representative of Zila Panchayat/Zila Parishad	Member
04.District Head of Fisheries	Member
05.District Head of Horticulture	Member
06.District Head of(Animal Husbandry/ Sericulture)	Members
07.One representative from Zonal Research Station (ZRS)	Member
08.Programme Coordinator, Krishi Vigyan Kendra	Member
09.Lead Bank Officer of the District	Member
10.Representative of District Industrial Center	Member
11.Representative of Agriculture Marketing Board	Member
12.DRDA Representative	Member
13.One Farmer representative	Member
14.One Livestock Producer	Member
15.One Horticulture Farmer	Member
16.One Representative of Women Food Security Group	Member
17.One Representative of FIG/CIG	Member
18.One SC/ST farmer representative	Member
19.A representative of NGO working in Agriculture/ Allied Sector	Member
20.Representative of input supplying Associations	Member
21.A representative of trained input dealers who is also providing extension services	Member
22.Representative from Companies availing Tax benefit u/s 35CCC(if available)	
23.One Farmer representative from Fisheries / Sericulture Sector	Member
24.Project Director ATMA	Member-Secretary

	cum- Treasurer (Ex-officio)
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Note:

- i) All non-Official member of GB are to be nominated by the District Farmers Advisory Committee by the consensus or by majority.
- ii) Out of the non-Official members so nominated one-third would be women farmers and one-third would be farmers from small& marginal category.
- iii) The non-Official members will be appointed as the member of GB for a period of 2 years.

Key functions of ATMA Governing Board:

The key functions of ATMA Governing Board would be to:

1. Review and approve Strategic Research and Extension Plan (SREP) and annual action plans that are prepared and submitted by the participating units.
2. Receive and review annual reports presented by the participating units, providing feedback and direction to them as needed, for various research and extension activities being carried out within the district.
3. Receive and allocate project funds to carry out priority research, extension and related activities within the district.
4. Foster the organization and development of Farmers’ Interest Groups (FIGs) and Farmers Organizations (FOs) within the district.
5. Facilitate greater involvement of private sector and firms and organizations in providing inputs, technical support, agro-processing and marketing services to farmers.
6. Encourage agriculture lending institutions to increase the availability of capital to resource poor and marginal farmers, especially SC, ST and women farmers.
7. Encourage each line department, plus the KVK and ZRS, to establish farmer advisory committees to provide feedback and input for their respective Research - Extension Programmes.

8. Enter into contracts and agreements as appropriate to promote and support agricultural development activities within the district.
9. Identify other sources of financial support that would help in ensuring the financial sustainability of the ATMA and its participating units.
10. Converge human and financial resources available for extension under different schemes and programmes of DAC &FW.
11. Establish revolving funds / accounts for each participating unit, and encourage each unit to make available technical services, such as artificial insemination or soil testing, on a cost recovery basis moving towards full cost recovery in a phased manner.
12. Arrange for the periodic audit of ATMA's financial accounts.
13. Adopt and amend the rules and by-laws for the ATMA.
14. Meetings of ATMA GB must be convened in every quarter.
15. Any other functions that support effective functioning of ATMA in the district.
16. To decide integration and re-designing of on-going developmental schemes in accordance with district SREP.

(iv) ATMA Management Committee (MC)

The Management Committee would be responsible for planning and execution of day-to-day activities of ATMA.

Composition:

1. District Head of Dept., Agriculture	Chairman
2. Project Director of Agriculture Technology Management Agency	Co-Chairman
3. District Head of Dept., Horticulture	Member
4. District Head of Dept., Animal Husbandry	Member
5. District Head of Dept. Fisheries	Member
6. District Head of Dept. Sericulture	Member
7. Head, Krishi Vigyan Kendra	Member
8. Head, Zonal Research Station	Member
9. Project Officer, District Rural Development Agency	Member

10. One representative of Farmers' Organization promoted by an NGO	Member
11. Representative of NGO, if any, involved in agricultural extension	Member
12. District level NABARD Officer	Member
13. Lead Bank Officer	Member
14. A representative of trained input dealers who is also providing extension services	Member
15. Two progressive farmers (one of whom should be a woman) (nominated from DFAC)	Member
16. Two Deputy Project Directors (of which one will be nominated as Member Secretary)	Member Secretary

Note:

- i. States may also consider co-opting additional members, if required.
- ii. All farmer representatives are to be nominated by the District Farmers Advisory Committee by consensus or by majority.

Key functions of Management Committee (MC)

1. Carry out periodic Participatory Rural Appraisal (PRA) to identify the problems and constraints faced by different socio-economic groups and farmers within the district.
2. Prepare an integrated, Strategic Research and Extension Plan (SREP) for the district that would specify short and medium term adaptive research as well as technology validation and refinement and extension priorities for the district.
3. Prepare annual District Agriculture Action Plans in consultation with DFAC which would be submitted to the ATMA Governing Board for review, possible modification and approval.
4. Maintain appropriate project accounts for audit purposes.
5. Coordinate the execution of these annual action plans through participant line departments, ZRSs, KVKs, NGOs, FIGs / FOs and allied institutions, including private sector firms.

6. Establish coordinating mechanisms at the Block level, such as Farm Information & Advisory Centres (FIACs) that would integrate extension and technology transfer activities at the block and village levels.
7. Provide periodic performance reports as required by DAC to the Governing Board outlining the various targets and achievements.
8. Provide secretariat to Governing Board and initiate action on policy direction, investment decisions and other guidance received from the Governing Board.
9. ATMA Management Committee shall meet once in a month to review the progress in various blocks and submit the report to State Nodal Cell/ DAC.

Block level:

(V) BLOCK TECHNOLOGY TEAM (BTT)

It is an Inter Departmental Team of Agriculture and Line Departments operating at block level. An indicative composition of BTT is given below. However, the composition would change from place to place depending on the critical areas pertaining to different blocks in a State.

Composition:

BTT shall consist of Chairman Block Panchayat Samiti, Block level officers of Agriculture, Horticulture, Animal Husbandry, Fisheries, Plant Protection, Veterinary Science, Soil Conservation, Extension, Sericulture, Corporative, Marketing etc. Block Technology Manager would be the Member Secretary. A designated scientist from the KVK will also attend meetings of BTT, provide requisite technical guidance and take feedback for his colleagues in the KVK in respect of their respective areas of expertise.

The senior most official at the Block level shall head the Block Technology Team as BTT Convener.

Key functions of Block Technology Team (BTT)

- Operationalize the SREP in each block and move towards single window extension system.
- Help district core team in up gradation of SREP.
- Prepare Block Action Plan detailing extension activities to be undertaken.
- Coordinate the implementation of extension programmes detailed in the Block Action Plan.

- Facilitate formation of FIGs/ Women Food Security Groups/ FOs at the block level and below.
- Support ATMA Management Committee in discharging its function by providing inputs related to the Block.
- Facilitate planning and implementation of Farm Schools in all major sectors in the Block.
- The Block Technology Team (BTT) shall meet every month to review the progress and report the same to ATMA Management Committee.

(vi) FARMERS ADVISORY COMMITTEES AT BLOCK, DISTRICT AND STATE LEVEL

I. The Block Farmers Advisory Committee (BFAC) shall comprise not more than 30 members as per details given below:

Composition:

1	Pramukh/Head of Panchyat Samiti/ Chairman Taluk Panchyat Mandal ParshidPresident(MPP) of the concerned Block	Ex-Officio Member
2	All the members of Zilla Parshid / Zilla Panchyat of the concerned Block	Ex-Officio Members
3	25 Progressive farmers of the Block who are either awardee farmers or trained farmers from Agriculture and allied sector would be nominated	Members

Note:

- i. The States shall evolve and notify their own transparent and democratic mechanism for nomination of progressive farmers. Out of progressive farmers, so nominated one-third would be women farmers and one-third would be farmers from small & marginal category. Adequate representation shall be given to SC/ST farmers.
- ii. Duration of a BFAC shall be two years after which new set of farmers shall constitute the BFAC.
- iii. Chairman shall be elected out of the above members on rotation basis.
- iv. BTM shall also act as Member Secretary to BFAC.

******Once in every quarter, the Farmer Member of BFAC will conduct a meeting of farmers at the Panchyat level along with the elected representatives of the Panchyat on matters related to Agriculture and allied sector and give his feedback in BFAC meetings. Kisan Mitra/ Kisan Salahakar/Subject Matter Specialist 9 as the case may be) at Panchyat level will coordinate and facilitate such a meeting.

District Farmers' Advisory Committee (DFAC) shall comprise not more than 40 farmers.

- i) Chairman of BFAC from not more than 35 Blocks of the District would be member of DFAC or on rotation basis if numbers of Blocks are more.
- ii) Five State level awardee farmers of the concerned District from Agriculture & Allied Sector will be nominated by District Head of Agriculture giving due representation to farmers from small/marginal category, Women farmers and SC/ST Farmers.
- iii) The States shall evolve and notify their own transparent and democratic mechanism for nomination of awardee farmers by District Head of Agriculture.
- iv) Duration of a DFAC shall be two years after which new set of farmers shall constitute the DFAC.
- v) PD (ATMA) shall act as Chairman of DFAC.
- vi) District Coordinator KVK will be member of DFAC.

State Farmers' Advisory Committee shall comprise not more than 30 farmers (numbers will be restricted depending on number of districts in the State):

- i) One progressive farmer who is either an Awardee farmer or trained farmer from agriculture and allied sector may be nominated from each DFAC. If the number of District is more than 25, rotation mode may be followed.
- ii) The States shall evolve and notify their own transparent and democratic mechanism for nomination of progressive farmer from each DFAC. Out of the progressive farmers so nominated one-third would be

- women farmers and one-third would be farmers from small & marginal category. Adequate representation should be given to SC/ST farmers.
- iii) Five National level Awardee farmers in Agriculture and allied sector would be nominated by Director/Commissioner of Agriculture giving due representation to farmers from small /marginal category and Women farmers.
 - iv) Duration of a SFAC shall be two years after which new set of farmers shall constitute the SFAC.
 - v) Director (Agri.) shall act as Chairman of SFAC
 - vi) SNO, ATMA shall act as Member Secretary of SFAC

Key functions of Farmers Advisory Committees:

Act as an agency for providing farmers' feedback and inputs for preparation / compilation of Action Plans and for prioritization of activities as follows:

- i. BFAC to BTT
- ii. DFAC to ATMA GB and MC (through nominated representatives)
- iii. SFAC to SAMETI for training related needs and SNC for finalisation of SEWP (through nominated representatives)

NOTE:

These administrative bodies will necessarily consider suggestions given by these Advisory Committees based on technical feasibility and financial viability (including availability of funds). If inputs are not received from these Advisory Committees before the meetings of BTT, ATMA (GB and MC), SAMETI or by SNC in time, the respective administrative bodies need not delay their deliberations and decision making solely on this account.

- FACs shall meet as per the following periodicities:
 - ✓ BFAC: Once in a month during the season and quarterly in lean season.
 - ✓ DFAC: Quarterly and preferably before ATMA MC.
 - ✓ SFAC: Quarterly
- Help in formation and nurturing of Farmer Interest Groups at Block level and below.

The National Farmer's Advisory Committee (NFAC):

The composition of the committee will be as under:

1. Minister of Agriculture & Farmers Welfare : Chairman
2. MoS (A) : Vice Chairman
3. One Farmer representative from SFAC of each States : Member
4. Seven Members having knowledge of the Agriculture Sector to be nominated by the Central Govt. : Member
5. One representative each from National Cooperatives Organizations : Member
6. One representative each from Ministry of Water Resources, Department of Fertilizer, Department of Food, Department of RD etc. :
(not below the rank of Joint Secretary).
7. Duration of a NFAC shall be two years after which new set of farmers shall constitute the NFAC.
8. JS (Extn.), DAC&FW : Member Secretary

Key Functions of NFAC

The functions of the Committee will be to advise the policy makers on the following matters:-

- To liaise between the Policy makers and farmers regarding formulation of policy, Scheme and Guidelines.
- To influence policy makers and other stake-holders for encouraging entrepreneurial spirit amongst the farmers; and
- To create an enabling environment for agri-business.
- To evolve Risk Management/Disaster Management strategy in agriculture;
- To advise the policy makers on pesticide, irrigation, seeds & other input related issues;
- Interaction with the policy makers regarding price fixation and marketing of agricultural commodities;
- To act as a forum capable of lobbying for farmers' issues for the country as a whole.

PROCESS FLOW FOR ACTION PLANS:

SREP is a comprehensive document identifying research/ extension priorities for district, keeping in mind agro-ecological conditions and existing gaps in technology generation & dissemination in all agriculture and allied sector

areas/ activities including Horticulture, Animal Husbandry, Dairying & Fisheries. All extension related activities under other Schemes of DAC&FW will naturally form part of SREP. SREPs will be prepared in coordination with the line departments, NGOs, KrishiVigyanKendras (KVKs), Panchayati Raj Institutions (PRIs), Private Sector, farmers and other stake-holders at the district level.

Similar training & field extension related components in other programmes of DAC and State Governments will also be implemented through ATMA.

Funds earmarked for such activities under different Sub-Missions of NMAET, Missions & Schemes / Programmes will be utilized through ATMA. Similarly, ATMA funds also will be suitably used to cover training & field extension objectives / activities of other Sub-Missions, Missions and Schemes / Programmes. Such convergence arrived at through SREP / SEWP will avoid duplication and ensure wider coverage in terms of outreach to farmers and gamut of activities.

Various Action Plans shall emanate from SREP as follows:

- These SREPs are Five year vision documents which shall be revisited to accommodate newly identified gaps and emerging areas of importance.
- SREPs will form the basis for formulation of Block Action Plans (BAPs) on an annual basis. Block Action Plans are then consolidated at the District level to prepare the District Agriculture Action Plans (DAAPs).
- District Plans are worked out in such a manner that these serve as subset of the Comprehensive District Agriculture Plans (CDAP) prepared for the District under Rashtriya Krishi Vikas Yojana (RKVY).
- The DAAPs will be consolidated in the form of State Extension Work Plan (SEWP) which then forms a part of State Agriculture Plan (SAP).

COMPONENTS OF THE SCHEME:

Specialist and Functionary Support at various levels:

The component of manpower support has been further strengthened and remuneration of field functionaries has been enhanced motivate ATMA functionaries and accelerate implementation of the Scheme activities on the

ground. Average 3 Assistant Technology Managers (ATMs) and 1 Block Technology Manager (BTM) are envisaged per block under this scheme.

Cafeteria of Activities:

Optional items form the ATMA Cafeteria from where the States can choose activities as per its priorities. The Cafeteria also contains mandatory components which include manpower, training of extension personnel, organization of Farmers' Advisory Committees, Farmer Friends, joint visits with scientists, low cost publications etc.

Innovative Technology Dissemination Activities:

Use of interactive & innovative methods of information dissemination like Pico Projectors, low cost films, hand held devices; mobile based services etc. and other innovative extension approaches (e.g. Kala Jatha/ street play) are included as mandatory activities.

Increasing Coverage of Activities and Infrastructure Support:

Funds available under RKVY can be used to supplement extension activities undertaken under this Scheme which has provisions for the same under RKVY-RAFTAAR. Similarly, other programmatic interventions like National Food Security Mission, National Horticulture Mission etc also have some components relating to agricultural extension which could be used in a convergent manner under the scheme.

SPECIALIST & FUNCTIONARY SUPPORT:

Extension related manpower is proposed at three levels viz. State, District and Block level. Hierarchical structure of officials under SMAE (including ATMA) is as follows:

2.8.1 State Level:

(i) State Nodal Cell:

The State Nodal Cell (SNC) will consist of State Nodal Officer, State Coordinator, Gender Coordinator and supporting staff. In order to carry out State level activities, as specified in ATMA Cafeteria, and to ensure convergence with various departments at State level and to assist the State Nodal Officer (i.e. Director/Commissioner of Agriculture) in overall management of agricultural

extension system within the State, one State Coordinator has been approved for each State/ Union Territory. The State Nodal Officer (SNO) shall be designated by the State Government, which will also provide requisite ministerial support. The State Coordinator is to be engaged on contract basis under this Scheme. The Gender Coordinator will perform to safeguard the interest of women farmers. The Gender Coordinator will share all gender related findings and strategies with the State Coordinator and will function under the overall supervision of State Coordinator and the State Coordinator under the overall supervision of State Nodal Officer.

(ii) SAMETI:

In order to ensure regular training and skill up gradation of State and District/Block level extension functionaries and for reaching out to the grass root level extension functionaries and farmers through field visits, the following manpower is provided for SAMETI in each State. Director, SAMETI shall work under the overall guidance of the State Nodal Officer identified under ATMA scheme. However, in cases where the State Nodal Officer is not an officer of equivalent or higher rank than Director, SAMETI, may work under the overall guidance of the officer under whom State Nodal Officer is placed. The Faculty Members (Deputy Directors) of SAMETI shall report to Director SAMETI.

(iii) State Coordinator:

- Liaison with the ATMAs at district level and line departments including SAU/ SAMETI at state level and Ministry of Agriculture at National Level.
- Compilation of DAEP, DAP etc. into state plan.
- Compilation of progress and timely feedback to State and Central Government.
- Assessment for capacity building of the line departments.

(iv) Gender Coordinator

- Ensure flow of benefits under all schemes to women farmers.
- Collection of gender dis-aggregated data, and conducting studies and action research in critical thrust areas.
- Promote Farm women's Food Security Groups and prepare training module so as to ensure household food security.

- Document the best practices/ Success Stories/ Participatory Material Production related to women in Agriculture.
- Block-wise documentation, prioritization and addressal of farm women's needs and requirements in agriculture and all allied sectors.
- Will report to the State Coordinator in gender related information.

State Level Training Institute SAMETI:

Director

- Capacity building of extension functionaries.
- Development of Human Resources as per emerging needs.
- Networking with the concerned institutions of both Public & Pvt. Sector
- Organizing studies.
- Convening meetings of Executive council and General Council of SAMETI.
- Accounts & Administrative matters of SAMETI.

Deputy Director/Faculty

- Organizing training courses of their respective areas.
- Networking with the resource persons.
- Evaluation of training courses.
- Training need assessment.
- Preparation of Annual Training Calendar.
- Regular field visits to different parts of the districts to interact with farmers and grass root level functionaries.

State Level Staff:

No of Blocks	State Head Qts. State Coordinator + Gender Coordinator	SAMETI				Total Staff
		Directo r	Dy. Direct or	Accountant cum Establish ment Clerk	Computer Programmer/ Operator	
< 100	1+1	1	4	1	1	9
100 - 400	1+1	1	8	1	1	13
> 400	1+1	1	12	1	1	17

District Level:

Each ATMA Unit consisting of the following core staff of five persons, under the overall supervision of PD, ATMA will be responsible for management of agricultural extension services within the District including holding of regular meetings of ATMA Management Committee (MC) and ATMA Governing Board (GB):

- Project Director-1
- Deputy Project Directors – 2
- Accountant-cum-Clerk – 1
- Computer Programmer/Operator–1

The Project Director ATMA shall report to the Chairman, ATMA GB and also function as Chairman of ATMA Management Committee. The two Deputy PDs would work under the administrative control of PD, ATMA.

The duties and responsibilities of District Staff is as follows:

Project Director

- Liaison with SNO and SAMETI at State level and coordination between line departments including KVK, PRI, Private Sector and Planning Units at district level.
- Finalization of District Annual Action Plans
- Review of the progress of implementation of Extension Reform, RKVY and NFSM.
- Convening meetings of GB, ATMA
- Hold ATMA Management Committee Meetings
- Serve as Member Secretary of District Level Committee suggested in the guidelines.

Deputy Project Director - I

- Overall responsible for research related issues and activities
- Review & prioritization of local research needs based on SREP.
- Coordination and follow-up with KVK and other R&D institution for assessment, refinement, validation and adoption of new technologies.
- Organizing district level R-E-F interface, Krishi Melas/ Exhibition etc.
- Capacity building of extension functionaries of all line departments in collaboration with KVKs and other institutions.

Deputy Project Director – II

- Serve as Member Secretary of ATMA MC
- Coordination with Line Departments including Pvt. Sector.
- Compilation of Block Action Plans into DAAPs.
- Implementation, monitoring of DAAP, RKVY & NFSM and feed back to PD, ATMA.
- Capacity building of farmers and FIGs in collaboration with KVKs and other institutions.

Block Level:

- One Block Technology Manager (BTM) is provided in each Block to co-ordinate the ATMA related activities of the BTT and BFAC. BTM will work under the overall supervision of the BTT Convener for all ATMA related activities at the Block level.
- On an average three Assistant Technology Managers (ATMs) are to be placed in each Block (2 to 4 depending on size of the Block) exclusively for delivery of extension services in agriculture and allied sectors as per priority areas for various Blocks.
 - ✓ In N.E states and other hilly States viz. H.P., J&K, and Uttarakhand, the number of ATMs deployed per block should be as follows: Blocks having up to 5000 farm households and the area of the Block being up to 800 sq. km, 2 ATMs would be deployed. However if the area of the Block is more than 800 sq.km, 3 ATMs could be considered;
 - ✓ In all other States Blocks having up to 12000 farm households and the area of the Block being up to 1000 sq. km, 2 ATMs would be deployed. However, if the number of farm households/Block exceeds 20000 and the area of the block is more than 1000 sq.km, the deployment of ATM can go up to 4. All other Blocks will have 3 ATMs. However, average figure of more than 3 per state will need to be concurred by the Government of India, so that overall country average does not exceed 3. The areas of expertise (i.e. Agriculture, Horticulture, Animal Husbandry, Dairying, Fisheries etc.) of these ATMs will be decided based on priorities for various Blocks. These ATMs shall be provided requisite connectivity and mobility to perform the necessary functions.

The duties and responsibilities of ATMs and BTMs:

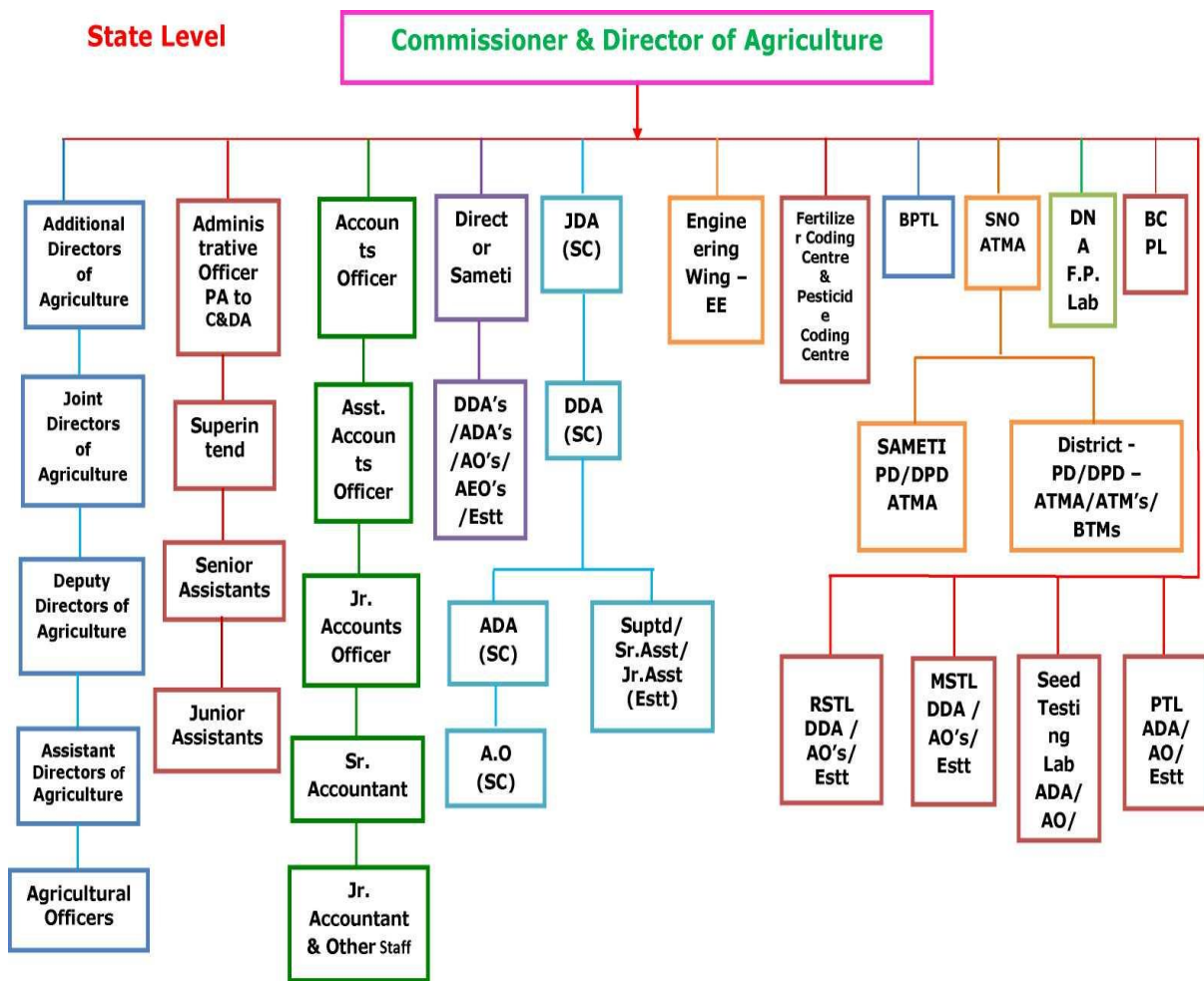
Assistant Technology Manager (ATM)

- To provide requisite technical & knowledge support to farm school, FF, FIGs/CIGs/FSGs/FPOs and farmers in general.
- In consultation with Block level officers of agri. and allied departments & BTMs, ATMs will provide necessary inputs to common service centers & kisan call centers.
- Any other work assigned by BTM.

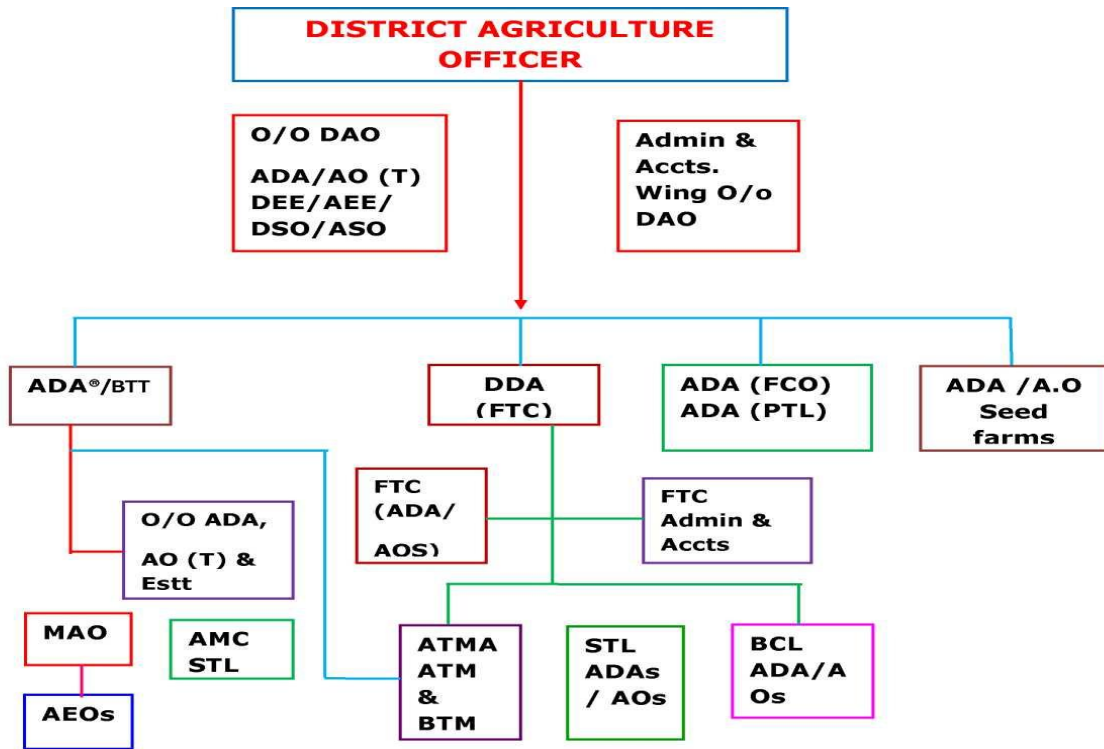
Block Technology Manager (BTM)

- Coordination with line departments
- Organizing meetings of BTTs & FACs, Feedback to BTT and ATMA
- Assist the BTT in the preparation of BAPs
- Operationalization of Farm Schools
- Compilation of progress of implementation
- Advise to the farmers/ FIGs/ CIGs/ FPOs in consultation with line departments.
- Maintain an inventory of FIGs/FOs/CIGs/ FPOs within the Block.
- BTM will also assist the BTT in carrying out functions
 - ✓ Block level and District level manpower available under various schemes will be pooled for regular coverage of groups of Villages/Panchayats for extension related expertise. However, domain expertise of various extension personnel in a Block/District will be suitably used to ensure all-round outreach to farmers.
 - ✓ Panchayat-wise roster giving the name and mobile number of the extension workers' availability on the pre-decided days (giving day of a week/fortnight etc.) will be displayed on a Board at vantage points in various villages. This Display Board will also contain contact details of other agricultural functionaries of the area.

Organizational Structure - State Level



Organizational Structure - District Level



Note:

1. DDA, FTC & ATMA structure function being at erstwhile districts cater to the needs of new districts also
2. FCO Labs are present in Rajendranagar, Warangal & Karimnagar.
3. PTL is present in Rajendranagar & Warangal.
4. Seed farms are located in seven districts at Maltummeda, Boppaspally (Kamareddy), Palampert(J.Bhupalapally), Sadasivpet (Sanga Reddy), Dindi and cherukupally (Nalgonda) Kothapally (Karimnagar) . Kadem (Nirmal) Korvipad and Julekal (J.Gadwal)

CHAPTER-4

NORMS SET FOR THE DISCHARGE FUNCTIONS

[Section 4(1) (b) (iv)]

CITIZEN'S CHAPTER

The main object of the Department of Agriculture is to facilitate provisions of technologies in Agricultural production thereby enhancing the economic status of the farmers.

- By imparting training at all levels
- By mass contact through literature and media
- By making available quality inputs
- By organizing adoptive trials and demonstration at village level.

AIMS OF THE DEPARTMENT:

1. Soil Testing:

Collections of soil samples, analyzing and issuing of soil health cards for applying balanced fertilizers to get more yields and also to maintain the soil structure and texture. Interested farmers can also send soil and water samples from their fields to the soil testing lab for testing and getting the results

2. Inputs:

Facilitate arrangements and monitoring of quality inputs viz., seeds fertilizers and pesticides in required quantities. Interested farmers can send fertilizer and pesticide samples under the guidance of Mandal Agriculture Officer concerned to the laboratories. The analysis of the farmers samples will be taken on priority basis and results communicated but however the test result cannot be basis of action under relevant Acts.

3. Technology Transfer:

Dissemination of latest technology in increasing unit yields improving the quality standards reducing cost production. Integrated Pest Management, integrated Nutrient Management through trainings of farmers at Agriculture Market committees and village level and organizing on farm extension demonstration plots.

4.Exposure visits:

Organizing exposure visits to the interested farmers in Telangana and outside.

Availability of Information:

Department is implementing National Pulses Development Programme Accelerated Maize Development Programme, and oil seeds production programme integrated cotton development programme and scheme under work plan and schemes under Agriculture Development Fund.

Farmers can obtain the information on the above schemes and programmes in technical aspects subsidies available etc. from the Divisional Assistant Directors of Agriculture in the district.

Application Forms for manufacturing and sale of inputs i.e. seeds fertilizers and pesticides can be obtained from the Licensing Authority concerned.

Publicity :

Literature on different crops can also be had from the Farmers Training Centres located in the districts Farmers can also update their knowledge by reading Padipantalu, a monthly journal published by the Department Agriculture with a subscription of Rs 120/ annually to " Assistant Director of Agriculture(Printing),O/o Commissiner & Director of Agriculture ,Hyderabad-500001."

Complaint Redressal:

Courteous and helpful service will be extended by all Departmental staff at all levels. If any has any complaint, they are welcome to register their Grievances with the concerned Mandal Agricultural Officer or Divisional Assistant Director of Agriculture or District Joint Directors of Agriculture.

Complaints, on hoarding, black marketing, stocking and selling substandard and spurious inputs or unauthorized sale of inputs by any individual or individuals dealers etc can also be registered with the Joint Director of

Agriculture or the nearest Divisional Assistant, Director or Agriculture or the Mandal Agricultural Officer.

The Department will continue to work for the betterment of the farming community, Co-operate with us and send your valuable suggestions for extending more qualitative services to the farming community.

CHAPTER -5

RULES, REGULATIONS , INSTRUCTIONS MANUAL AND RECORDS FOR DISCHARGING FUNCTIONS.

(Sec. 4(1) (b) (v))

Sl.No	Descriptions
Rules and regulations	
1	Seed Act 1966, Government of India
2	Seeds Rules 1968, Government of India
3	Seed (control) Order, 1983 Government of India
4	Environmental Protection Act 1986, Rules for the Manufacture use Improve /Export and storage of hazardous micro organism /Genetically Engineered organisms or cells, 1989. Andhra Pradesh Cotton Seeds (Regulation of supply) Distribution sale and fixation of sale price) Act. 2007 & relevant notification
5	Insecticides Act 1968 Government of India
6	Insecticides Act 1971 Government of India
7	Insecticides (Price, Stock) Display and submission of Reports) Order 1986 Government of India.
8	Fertilizer control Order 1985 Government of India
9	Fertilizer –Fertlizer (Monitoring and quality control) Act, 2005
10	Dangerous Machines (Regulation) Act, 1983 Govt.of India
11	Dangerous Machines (Regulation) Act, 1991 Govt.of India
12	Dangerous Machines (Regulation) Bill 1983 Govt.of India

CHAPTER -6

INFORMATION ABOUT THE OFFICIAL DOCUMENTS BY THE PUBLIC AUTHORITY OR UNDER ITS CONTROL

(Sec. 4(1) (b) (vi))

Annexure -1 Various types of Correspondences in the Agriculture Department:

Correspondence	Purpose
Letters	When the correspondence is proposed to address <ul style="list-style-type: none">➤ A Non Official➤ An official or Non Official association or a society
Government Orders (GO)	When the disposal on a case contains the orders of the Government the proceedings form is adopted and issued in a form of a Government Order.
Memorandum	When any information of opinion has to be obtained from a subordinate Officer by an official reference and papers are not being sent in original
Demi Official Form	In cases where an officers or a member of the public has to be addressed without he the of official procedure and with a view to the..... or communication of opinion of information which should receive the personal attention of the individual addressed the communication takes the form of a Demi Official
Express letter	Communications which can appropriately be drafted in the form of telegrams but which are not of such urgency or which are too lengthy to be telegraphed will be communicated through express letter
FAX	When any information has to be obtained /produced to be obtained from/ to a subordinate office or from Higher Authority or another

	Government immediately with short period the message is sent through Fax.
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Annexure -2.List of Registers maintained in the Agriculture Department

S.No.	Register	Purpose
1	Personal Register	The complete details of any current file/document/record received in each section will be registered in the personal register
2	CM Peshi Register	All the correspondence which comes from the CM Office, will be detailed in the CM peshi Register.
3	Legislative Assembly Questions (LAQ) Register	The details of the questions posed in the Legislative Assembly will be documented in the Assurance Register
4	Minister Endorsement Register	All the communication that comes from the Ministry of Agriculture will be mentioned in the Minister Endorsement register
5	Indent Register	All the stationery taken in the sections will be detailed in the indent register
6	Court case Register	All the details of the cases, which are in the courts, will be detailed in the court Case Register.
7	Meeting Register	All the important meeting dates are mentioned in the meeting register
8	Tappal Register	All the files which come from various sections and department comes to the Tappal. The files coming from :Tappal to the concerned section are mentioned in the Tappal register of that particular section.
9	Record Register	All the files which are closed are indexed in the Record Register to send to the record room
10	Quality control Register	a) Register for granting of licenses for

		<p>Marketing of fertilizers</p> <ul style="list-style-type: none">b) Register for granting of licenses for Manufacturing of Fertilizersc) Register for granting of centralized seed Licensesd) Register for granting of Local Manufacturing Licences of Pesticidese) Misbranded pesticides samples register.
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CHAPTER -7

ARRANGMENT FOR CONSULATION WITH OR REPRESENTATION BY THE MEMBER OF THE PUBLIC IN RELATION TO THE FORMULATION OF POLICE OR IMPLEMENTATION THERE OF.

[section 4 (1) (b) (vii)]

There are no separate arrangements in this Department for consulation with or members of the public relation for the formulation of its policy or implementation thereof. However the concerned officers have been extending their cooperation for consultation with or representation by the members of the public relation for the formation of its policy or implementation.

CHAPTER-8

**BOARDS, COUNCILS COMMITTEES AND OTHER BODIES CONSTITUTED AS
PART OF PUBLIC AUTHORITY**

Section 4(1) (b) (vi)

ATMA – Agricultural Technology Management Agency

State Level Inter Departm ental working Group	<ol style="list-style-type: none"> 1. Agriculture Production Commissioner/ Principal Secretary (Agriculture) Chairman 2. Secretary (Finance) Member 3. Secretary (Agriculture) Member 4. Secretary (Horticulture) Member 5. Secretary (Animal Husbandry) Member 6. Secretary (Rural Development) Member 7. Secretary (Fisheries) Member 8. Secretary (Soil Conservation) Member 9. Secretary (Women & Child Development) Member 10. Secretaries of related Departments Member 11. Vice Chancellor(s) of SAU(s) Member 12. Director(s) of ICAR Institutes in the State Member 13. NABARD Representative at the State level Member 14. Director, Doordarshan Member 15. Director, All India Radio Member 16. Director (SAMETI) Member 17. Two Progressive Farmer Member (preferably 1 male Member and 1 female) 18. Commissioner/Director(Agri.) Member Secretary State Nodal Officer 	To monitor the scheme activities of the ATMA in the state.	Minutes of its meetings accessibl e for public.
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	Note: In departments like Horticulture, Soil Conservation etc., where separate Secretaries do not exist, Directors of the Departments concerned may act as Members on the IDWG.		
District Level ATMA Governing Body	<ol style="list-style-type: none"> 1. District Magistrate or Chief Development Officer (CDO)/Chief Executive Officer (CEO) as decided by DM Chairman 2. District Head of Agriculture Department Member 3. Representative of ZilaPanchayat/ZilaParishad Member 4. District Head of Fisheries Member 5. District Head of Horticulture Member 6. District Head of (Animal Husbandry/Sericulture) Members 7. One representative from Zonal Research Station (ZRS) Member 8. Programme Coordinator, KrishiVigyan Kendra Member 9. Lead Bank Officer of the District Member 10. Representative from District Industrial Centre Member 11. Representative from Agriculture Marketing Board Member 12. Representative from DRDA Member 13. One Farmer representative Member 14. One Livestock Producer One Horticulture Member 15. farmer Member 16. One Representative of Women Food security Group Member 17. Member 18. One representative of FIG/CIG Member 19. One SC/ST Farmer representative Member A representative of NGO working in Member 	To monitor the scheme activities of the ATMA in the District.	Minutes of its meetings accessible for public.

BLOCK TECHNOLOGY TEAM (BTT)	20. Agriculture/ Allied sector Representative of Input Supplying	Member	Coordinate the implementation of extension programmes detailed in the Block Action Plan.	Minutes of its meetings accessible for public.
	21. Association A representative of trained input dealers who is also providing Extension Services.	Member		
	22. Representative from companies availing tax benefit u/s 35CCC(if available)	Member		
	23. One Farmer representative from Fisheries / Sericulture Sector	Member		
	24. Projector Director ATMA	Member Secretary-cum-Treasurer (Ex-Officio)		
	1. BTT shall consist of Chairman Block PanchayatSamiti,	Member		
	2. Block level officers of Agriculture, Horticulture, Animal Husbandry, Fisheries, Plant Protection, Veterinary Science, Soil Conservation, Extension, Sericulture, Cooperative, Marketing etc. Block Technology Manager	Member		
3. A designated scientist from the KVK will also attend meetings of BTT, provide	Member Secretary			

	<p>4. requisite technical guidance and take feedback for his colleagues in the KVK in respect of their respective areas of expertise.</p> <p>The senior most official (Assistant Director Of Agriculture) at the Block level</p> <p>5. shall head the Block Technology Team.</p>	<p>Member</p> <p>BTT Convener</p>	
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CHAPTER-9

DIRECTORY OF OFFICERS AND EMPLOYEES

[Section-4(1)(b)(ix)]

1	Sri. M Raghunandan Rao, IAS	APC and Secretary to Govt. (Agriculture Cooperation Dept. Govt. of Telangana)	Email:prl.secy.agrite langana@gmail.com
2	Sri. M Raghunandan Rao, IAS	Commissioner of Agriculture	Phone:04023232107
			Email:agriculture.tel angana@gmail.com
3	Smt. G. Narimani	Additional Director of Agriculture - I	Mobile:7288894796
4	Sri. K.Vijay Kumar	Additional Director of Agriculture - II and Appellate Authority(RTI)	Mobile:7288894797
5	Sri. S. Balu	JDA (Seeds, Media and Publicity, RTI, Extension, Credit, NC Cell, ATMA, TRSS,M and E	Mobile:7288894802
6	Smt. K. Vijaya Gowry	JDA (SCST,RKVY,Planning,RythuBand hu,ITCell,RythuBima,FarmMecha nization,Crop Insurance and PKVY)	Mobile:7288833030
7	Sri. K. Ramulu	JDA (Fertilisers, NFSM,NMOOP, PP, Crop Colonies, Soil Correlator,FPOs,PMKSY,Polambadi)	Mobile:7288894803
8	Smt. M. SHYLAJA	DDA (FM, IT Cell)	Mobile:7288894808
9	Sri. Mohan Reddy	DDA (PP, Polambadi, BC Labs)	Mobile:7288803030
10	Smt. K. Nagamani	DDA (ATMA, NC Cell, Extension, Credit, TRSS, M and E	Mobile:7288894846
11	Sri. B. Ravinder Sing	DDA (Admin, Fertiliser, Soil Testing, Bio Diversity)	Mobile:7288994448
12	Sri. Shiva Prasad	DDA (Seeds, RTI, Media and	Mobile:7288894806

		Publicity)	
13	Smt. Y. Madhavi	DDA (NFMS, NMOOP, RAD, PMKSY, NRM)	Mobile:7288894801
14	Smt. D. Usha Rani	ADA (Seed Farms)	
15	Smt. Y. Padma	ADA (FM, PM KISAN)	Mobile:7288894839
16	Smt. Chandrakala	ADA (Seed Regulation, Media and Publicity)	Mobile:7288894819
17	Sri. M.A.Masood Khan	ADA (IT Cell, PM KISAN)	Mobile:7288894840
18	Sri. J. Tirupathi	ADA (Seed Regulation)	
19	Smt. G. Nagamalleswari	ADA (Seed Village Programme)	
20	Sri. T. Madhavi	ADA (Fertilisers)	Mobile:7288894817
21	Smt. V. Sridevi	ADA (Soil Testing, Bio Diversity)	Mobile:7288894816
22	Sri. R.Shivanand	ADA (Extension, Credit, VLR, RTI, Seed Supply)	Mobile:7288894818
23	Smt. L. Padmavati	ADA (RythuBandhu)	Mobile:7288894813
24	Smt. G. Jhanshi	ADA (Planning)	Mobile:7288894892
25	Smt. S SBeena	ADA (RKVY)	Mobile:7288894554
26	Sri. C V Sharma	ADA (NMOOP, PMKSY)	Mobile:7288894399
27	Smt. K. Sailaja	ADA (NMOOP, Millets)	Mobile:7288894799
28	Smt. K. Padmaja	ADA (NFMS)	Mobile:7288894871
29	Smt. Sri Vani	AO (FERTILIZER)	Mobile:7288894868
30	Smt. V. Padmavathi	AO (NRM)	Mobile:7288894869
31	Smt. Jaya Priya	AO (PP)	Mobile:7288894544
32	Smt. Rama Devi	AO (Seed Regulation)	Mobile:7288832525
33	Smt. A. Sailaja	AO (ST Cell)	Mobile:7288894842
34	Smt. Sharmila	AO (IT Cell)	Mobile:7288894731
35	Sri. Tirupathi	AO (NC Cell)	Mobile:7288811818
36	Smt. Parvathi	AO (Crop Insurance)	Mobile:7288894876
37	Smt. Aparna	AO (OF)	Mobile:8125911125
38	Smt. Vara Laxmi	AO (Seeds)	Mobile:7288831414
39	Smt. P.Madhavi	AO (SEED REGULATION)	Mobile:7288819899
40	Sri. Rajesh Chaitanya	AO (PLANNING)	Mobile:9985852626
41	Sri. Krishna Mohan	AO (PLANNING)	Mobile:8143603425

42	Sri. A.Sreedhar Reddy	AO (FERTILIZER CLAIMS)	Mobile:7288878493
43	Smt. M.ArunaSree	AO (PP)	Mobile:7288894838
44	Smt. V. Vasudha	AO (Seeds)	Mobile:7288817575
45	Smt. Pradyunma	AO (IT Cell)	Mobile:7288894805
46	Smt.K.Surekha rani	AO(MP Cell)	Mobile 8897788661

CHAPTER -10

**PROVIDE INFORMATION ABOUT THE DETAILS OF THE
PLANS,PROGRAMES AND SCHEMES UNDERTAKEN FOR THE PUBLIC
AUTHORITY FOR EACH AGENCY**

SCHEME WISE ALLOCATION, RELEASES & EXPENDITURE FOR THE YEAR 2019-20				
Rs. in Lakhs				
S.No	Name of the Scheme	BEs	Release s	Expenditur e
1	2	3	4	5
I. Centrally Assisted State Plan Schemes:				
A)	Krishionnati Yojna			
1	National Food Security Mission (NFSM)	913.71	1266.98	3199.52
2	National Mission on Oilseeds and Oilpalm (NMOOP)	212.67	294.89	1272.31
3	National Mission on Agricultural Extension & Technoloyg (NMAET)	776.65	291.67	5589.28
4	National Mission on Sustainable Agriculture (NMSA)	1024.77	181.66	838.42
B)	Rashtriya Krishi Vikas Yojana (RKVY)	2523.33	245.70	4894.27
C)	Prime Minister Krishi Sanchai Yojana(PMKSY)	1806.18	1233.58	3000.00
II	Normal State Plan (NSP) Schemes			
1	Crop Insurance (PMFBY)	3075.07	1362.18	20602.33
2	Vaddi Leni Runalu & Pavala Vaddi (VLR & PV)	27191.80	0.00	0.00
3	Extension	129.75	64.89	42.18
4	Debt Relief to Farmers	27321.55	0.00	0.00
5	Rythu Beema - Farmers Group Life Insurance (RBA)	113679.25	113679.25	0.00
6	Rythu Bandhu - Investment Support Scheme (RBU)	1196250.00	686250.00	656794.05

7	Farm Mechanization (FM)	40834.40	42034.40	0.00
8	Strengthening of Seed Chain (SSC)	7.50	3.50	3.50
9	Supply of Seeds (SSF)	9444.73	5346.56	5342.20
10	Strengthening of Labs & INM	116.76	58.38	58.38
11	Strengthening of IT Infrastructure (IT)	77.84	0.00	0.00

Description of schemes

RythuBandhu / Agriculture Investment Support Scheme

Agriculture in Telangana is characterized by stagnation, low productivity, and frequent occurrence of droughts and low levels of public and private investments. Therefore, it was felt that investment is the surest way to enhance agricultural productivity and also incomes of the farmers besides breaking the vicious cycle of rural indebtedness.

Keeping in view the above Telangana Government is implementing "Agriculture Investment Support Scheme – RythuBandhu" from 2018-19 for the welfare of the farmers. The broad details of the scheme are as follows:

- Relieving the farmers from debt burden and not allowing them to fall in the debt trap again,
- For providing investment support to Agriculture and Horticulture crops by way of a grant @ Rs.4000/- per acre per farmer each season for purchase of inputs like **(1)Seeds(2)Fertilizers (3)Pesticides (4)towards Labour** and other Investments in the field operations of farmers' choice for the crop season.

Kharif 2018

As per the recommendation of the Cabinet Sub Committee keeping in view the option exercised by majority of the farmers, the amount was disbursed in the form of cheque during Kharif 2018 to enable the farmers to cash the cheque to have assured investment for raising the crop.

An assistance of Rs.5260.94 Crores was extended to 51.50 Lakh farmers by distributing 51.95 Cheques mainly during the Months of April-May 2018 by conducting Grama Sabhas.(Figures to be reconciled with DAOs and Bankers)

Rabi 2018-19

The scheme was successfully implemented during Kharif season and it is was decided to adopt the same by the Commissioner & Director of Agriculture for working out the budget requirement and implementing during Rabi 2018-19 also and process of printing of cheques for the entire farmers was taken up so as to ensure that the assistance is given to the farmer before commencement of the Rabi sowings as envisaged in the scheme objective.

During Rabi, an amount of Rs.5244.06 Crores is transferred into 49.03 Lakh farmers' bank accounts through e Kubeer platform.

Proposal for 2019-20

During 2019-20, the Hon'ble Chief Minister has announced in the Legislative Assembly that the assistance shall be enhanced to 5000/- per acre. Accordingly Budget Estimates for an amount of Rs.15,450.00 crores is proposed for 60,000 ha.

RythuBandhu Farmers Group Insurance

The Government introduced Group life insurance scheme for all the farmers in the state of Telangana. All the holders of Pattadar Pass Books issued after the recently concluded land records updation programme will be eligible for enrolment in this scheme. The farmers in the age group of 18-59 are eligible under this Scheme and the sum assured of Rs. 5.00 lakhs is being paid on death, due to any cause, to the nominee of the enrolled farmer, declared by him/her at the time of enrolment.

Objective of the Scheme:

The main objective of the scheme is to provide financial relief and security to the family members/ dependents of the deceased farmer (Pattadar) in case of his/

her death. In Telangana, majority of the farmers are small and marginal and farming is the sole source of livelihood to them.

LIC of India has been identified as the insurance agency for implementing the scheme since: LIC's claim settlement ratio is the highest amongst all insurance companies as per the data compiled by IRDAI and Only LIC can offer Group Life Insurance Schemes seamlessly integrated with Government of India's Social Security Schemes. Based on the eligibility criteria, the category-wise and district wise farmers covered under insurance are mentioned in a separate sheet enclosed herewith.

The premium payable in respect of the members is Rs. 1925/- per annum per member plus GST @18%. The total premium payable Rs. 2271.50 per member and the entire premium is paid by the Government only on behalf of all the enrolled farmers.

During the year 2018-19 Rs. 65873.50 Crores have been released by the Government and the entire amount was paid to LIC for covering 29 Lakhs farmers under Farmers Group Insurance wherein as on date 15.5.2019 death claims reported are 11,638 Nos., Nominee has been paying Rs.5.00 lakhs each by way of RTGS to their given bank account only.

During the year 2019-20 Rs.325.0025 Crores have released and Rs.22.715 Crores have claimed for payment to LIC to cover additional 1 lakh farmers, total farmers together comes to 30 lakh farmers for 2018-19. The Policy Term is for one year starting from 14th August, 2018 to 13.8.2019 and Policy term is extendable for next year also. The payment to LIC shall be made before expiry of policy term, to cover farmers again for one year starting from 14.8.2019 to 13.8.2020.

RythuVedikas

- ✓ Government has decided to construct the Rythu Vedika's in every AEO Cluster across the State.
- ✓ Rythu Vedika has small storage space for farm inputs, a meeting hall, a mini Soil Testing Laboratory and also the office of the AEO's covering every AEO cluster head quarters.

- ✓ Rythu Vedika's was being done to provide venue of Agriculture Extension officers Farmers co-ordination committee members and Farmers to organize meeting and discuss among themselves Regarding issues related to Agriculture.
- ✓ Rythu Vedika's with Soil Testing Lab would conducting soil test, Identifying suitable crops basing on the Soil, making recommendations and procurement of high yielding Seeds and deciding on Customers to sale there produce and fixing prices.
- ✓ Rythu Vedika's will serve as a one-step shop for the farming community for Seeds, Fertilizers and Soil Tests.
- ✓ AEO Head quarter is called as 'Cluster'.
- ✓ Grama Rythu Samanvaya Samiti will organize the Farmers meeting in the Rythu Vedika's
- ✓ One Rythu Vedika building has been allocated for every 5000 acres area to cover all Agriculture activities in that jurisdiction. It may consist of 1-3 Villages.
- ✓ The Government has released the budget vide G.O. Rt. No. 656 dated: 30.04.2019 for SC component Rs.19.46 lakhs & under ST component Rs. 32.43 lakhs during the financial year 2019-20.

RYTHU SAMAGRA SAMACHARA SEKARANA (RSSS)

Hon'ble Chief Minister during the meeting with officers from Agriculture, Horticulture and other allied departments on 31-12-2018 opined that the area under cultivation in the state will increase consequent to the completion of the on-going irrigation projects and thereby the production. In order to ensure that the farmers get good price for their produce in spite of increased production, Hon'ble Chief Minister expressed that:

- We should have an assessment of the total expected production and out of which quantity that will be consumed locally/within the state.
- Requirement in the neighboring states, if any, for marketing the same in respective states.
- Estimate the regular quantities of fruits, vegetables, pulses, millets etc

being imported from other states to meet our state population requirement

- Keeping in view the excess production of some commodities and shortage of some Of them, there is a need to promote crop colonies, duly considering the cropping pattern, market requirements and the agricultural situation.
- Establishment of respective processing and value addition units to absorb the balance/ excess produce in the vicinity of the specific crop colony should be planned.
- Small processing units can be initiated and run by the self-help women groups and FPOs/ other societies.
- Entrepreneurs may also be involved in setting up industries where technology is involved in extracting various by-products, chemicals etc. A separate policy also will be formulated to incentivize them.

It was felt that to have an accurate assessment of production estimates and for proper planning, we should have data of crop sown by each farmer in each every gunta of land in the state. Hon'ble Chief Minister has instructed that every Agriculture Extension Officer (AEO) shall maintain the details of crop-wise area sown/to be sown in every gunta in his cluster along with the variety cultivated which helps in accurate Input planning for positioning of seeds, fertilisers etc. Further, based on the expected production, planning for marketing, storage space, value addition & processing, export etc., can also be done.

After successful implementation of RythuBandhu and RythuBima schemes, Agriculture department presently has a very good data base of farmers with basic information on land holdings and bank account information. Keeping in view the above instructions, in order to implement the concept of crop colonies and plan for establishment of processing and Value addition units the existing database has to be enriched still further by collecting information with respect to survey number wise Agriculture and Horticulture crops grown. For obtaining the above said information, a data collection format has been designed for collection of data by Agriculture Extension Officers. The DHSOs deployed their entire field staff up to HEO level for incorporating the information relating to all Horticultural crops & orchards and also Micro-irrigation details. The

data once collected and uploaded in the MIS by the AEOs shall form the basis for future planning and use by all the Agriculture and allied Departments and Universities. Further this data will also be used as the basis for promoting value addition and processing by the SERP and Industry Departments. Marketing Department and procurement agencies can also utilize this data for planning MSP/ Procurement operations.

To undertake the survey a 46 column proforma was designed which contained information in Part A and Part B. The Part A contained basic information of the farmer like his name, fathers name, caste, adhar number, mobile number, bank account details with exact extent. The data was prepopulated and made available to the field functionaries. The field staff was instructed to update the changes if any, in part A in the Rythubandhu portal. Part B contained information regarding their education status, Crops sown in Kharif'2018, Rabi'2018 and to be sown in Kharif'2019. The crops included both Agriculture & Horticulture. Land under various irrigation sources, soil types, Farm Implements availability, crop insurance, credit, marketing, animals, organic farming, micro irrigation etc.

The facility for digitization was enabled in the RythuBandhu Portal/ App which is being used for implementing the RythuBandhu&RythuBima Schemes.

Soil Testing

Soil Testing infrastructure in Telangana State

S.No	Type of Soil Testing Lab	Functional
1	Regional Soil Testing Labs	1
2	District Soil Testing Lab	9
3	Mobile labs	4
4	Agril. Market Committee level labs	13
5	Mini labs	2050

Location of the functional District level Soil Testing Laboratories

S. No	District	Name of the STL/MSTL/RSTL
1	Mahabubnagar	Jadcherla
2	Nalgonda	Miryalaguda
3	Khammam	Khammam
4	Warangal	Warangal
5	Karimnagar	Karimnagar
6	Adilabad	Adilabad
7	Nizamabad	Nizamabad
8	Medak	Sangareddy
9	Rangareddy	Rangareddy
10	Rangareddy	Rajendranagar(Mobile.Soil testing Laboratory MSTL)
11	Rangareddy	Rajendranagar (Regional Soil Testing Laboratory RSTL)

**Location of the functional soil Testing laboratories in the Agriculture
Market committee (AMC) premises**

Sl.No	District	Location of the AMC, (STL)
1	Nizamabad	Bodhan
2	kamareddy	Kamareddy
3	Wanaparthy	Wanaparthy
4	Nalgonda	Nalgonda
5	Y.Bhongiri	Bhongir
6	B.Kottagudem	Kothagudem
7	Khammam	Sathupally
8	Medak	Medak
9	Siddipet	Siddipet
10	Rangareddy	Ibrahimpattanam
11	Vikarabad	Vikarabad
12	Vikarabad	Pargi
13	Medchalmalkajgiri	Medchal

From 2015-16 onwards Telangana State is implementing (2) Centrally sponsored schemes under National Mission for Sustainable Agriculture;

- i) Soil Health Card scheme and
- ii) Soil Health Management scheme

The funding pattern at present under both the schemes is 60:40 % between the Central Government and State Government.

i) Soil Health Card scheme:

- The objective of the scheme is to issue soil health cards to all the farmers of the country for every two years as a cycle.
- SHC scheme is being implemented from 2015-16 onwards and as per the guidelines, 1 soil sample for every 10 ha grid & 2.5 ha grid under rainfed & irrigated areas respectively have to be collected for analysing and issuing the soil health cards to all the farmers falling in the grid.
- Cycle I (2015-16 & 2016-17) and Cycle II (2017-18 & 2018-19), are completed by distributing soil health cards to all the farm holdings in the State under each cycle.
- During the financial year 2019-20 instead of 3rd two year cycle, as per GoI guidelines a Pilot project was implemented wherein holding wise soil samples were collected and analysed for distribution of soil health cards in one village identified in each and every mandal of the state.
- A total 554 No of villages were identified from each Mandal of the state and 1,10,664 No of soil samples were collected analysed and soil health cards distributed.

Action Plan for the year 2019-20:

Government of India has instructed to implement Soil Health Card Scheme of NMSA as Pilot Project for the financial year 2019-20 emphasizing on

1. Collection of Soil samples from each farm holding on pilot basis in the selected village @ one per mandal and distribute Soil Health Cards to all the holdings.
2. Organize demonstrations for SHC recommendations in the entire selected one village during kharif 2019.

Accordingly, the DAOs have identified the villages and submitted the District Action plan for the year 2019-20 for the total no.of Soil Samples to be collected based on the total no.of farm holdings under the Pilot Project.

The District Action plan was consolidated and the State Annual Action Plan is prepared.The total no. of soil samples to be collected, analyzed& the total No. of soil health cards to be issued to the farmers during 2019-20 under Pilot project is 1.10 lakhs and the financial outlay is Rs. 3160.56 lakhs. (60:40 Central & State share). This outlay includes collection and analysis of soil samples, training of Technical staff, financial assistance for micronutrients and soil ameliorants, capacity building, ICT & Mission Management.

Action Plan of "Soil Health Card" is enclosed in **Annexure-II.**

Annexure II					
Physical & Financial Targets for 2019-20 under Soil Health Card Scheme of NMSA					
Rs in lakhs					
Soil samples (No.)		Demonstrations (Ha)		2% Mission Management	Grand Total (Fin)
Phy	Fin(@Rs 300/-)	Phy	Fin (@1 lakh)	Fin	
110664	331.99	110664	2766.60	61.97	3160.56

II) Soil Health Management Scheme under NMSA

- The objective of the Soil Health Management scheme is Strengthening and Setting up of STLs, FQCLs & BOQCLs bio-fertilizer and bio pesticide production units and Promotion & Distribution of micronutrients.
- Soil Health Management scheme is being implemented from 2015-16 onwards.
- Under Soil Health Management scheme during 2015-16, (3) No. of Mobile Soil Testing vans (MSTLs) are procured with Headquarters at Warangal, Medak & Adilabad districts.
- To strengthen village level infrastructure for soil sample analysis, 2050 No. of Minilabs were procured during 2016-17 & 2017-18.

Benefits of the programme:

- Judicious use of fertilizers based on Soil test results.
- Reduction in indiscriminate use of fertilizers results in reduced soil ill effects.
- Reduction in cost on fertilizers decreases the total cost of cultivation there by improves the profit margin to farmers.

Guidelines for implementation of Soil Health Management scheme:

- SHM will aim at promoting location as well as crop specific sustainable soil health management including residue management, organic farming practices by way of creating and linking soil fertility maps with macro-micro nutrient management, appropriate land use based on land capability, judicious application of fertilizers and minimizing the soil erosion.
- The various components are setting up new STLs and MSTLs, strengthening of existing State STLs, capacity building through trainings, creation of data-bank for balanced use of fertilizers, which is site specific, preparation of digital district soil maps, promotion and distribution of micronutrients, strengthening and setting up of Fertilizer Quality Control Laboratories and reclamation of Alkaline / Saline soils / Acidic soils.

- At State level, process of implementation will be monitored by State Standing Technical Committee (SSTC) and State Mission for Sustainable Agriculture (SMSA)/State Level Committee (SLC).
- States will ensure submission of detailed Quarterly Progress Reports (QPR) by 10th of first month of next quarter. Similarly, detailed Annual Progress Report (APR) should be sent to Department of Agriculture & Cooperation, Ministry of Agriculture within three months, after closure of financial year.
- At field or village level, Panchayats will be involved in overseeing day to day process of implementation.
- At district level, monitoring will be undertaken by Joint Director/Deputy Director Agriculture in collaboration with respective Zilla / Panchayat Raj Institutions.

Subsidy pattern:

Sharing Pattern is 60:40 (Central & State Share)

Budget Source:

Centrally Assisted State Plan Scheme of National Mission for Sustainable Agriculture

Action Plan for the year 2019-20 (Soil Health Management scheme) is as follows:

(Rs. in Lakhs)

S.No	Components	Physical	Financial
1	Strengthening of existing Soil Testing Laboratories (No.) @ 40.00 lakhs per lab	11	440.00
2	Strengthening of (Fertilizer Quality Control Lab) FQCL (No.) @ 30.00 lakhs per lab	3	90.00
Total			530.00

Seeds

Operational Guidelines for distribution of various crop seeds on Subsidy during 2019-20

- Seed is the most critical of all agricultural inputs and determines the performance and efficiency of other inputs for enhancing productivity and production and thereby income of the farmers.
- It is therefore, essential that quality seeds with good genetic potential appropriate to the agro-climatic conditions are produced in sufficient quantities at affordable price and made available to the farmers timely for achieving higher agricultural production.
- Apart from central schemes such as NFSM/NMOOP/RKVY/SVP, certified quality seed is **distributed on subsidy** every season by the Telangana State Government which is almost 70% of the total seed required in the state.
- The subsidy extended is uniform to all the farmers irrespective of caste/category and **there is no ceiling on the quantity of seed to be given** to each farmer on subsidy. The farmer is entitled for the entire quantity of seed necessary as per the land possessed and requirement.
- The subsidy extended varies from 35% to 65% depending on the type of the crop.
- Improving the soil fertility by adding organic matter is the key factor for higher yields. Green manuring is the principal means of adding organic matter to the soil thus improving its health.
- Green Manuring is promoted to a large extent among the farming community by providing subsidy of 65% on green manure seed.

- Subsidy seed is supplied through State Nodal Agencies such as TSSDC, HACA, OILFED, NSC, MARKFED, etc.
- Every season seed requirement is taken from the districts and availability is taken from the nodal agencies. Based on this, Seed Indent is placed to the various agencies for supply on subsidy.
- The seed is distributed at mandal level through identified and approved sale points such as PACS/DCMS/ARSK etc duly notified by the District Collector.
- It has been made mandatory by the Government of India to supply inputs by DBT through online portals for more transparency and accuracy.
- Hence from Rabi 2017 onwards, in Telangana State, supply of subsidy seeds is enabled online through Online Subsidy Seed Distribution System (OSSDS) portal developed by NIC, Hyderabad.
- Distribution of seed through this system enables real time monitoring and generation of reports from ground level and the transparency of the system lead to actual benefit transfer to the real farmer thus avoiding middlemen and black marketing of quality seeds.
- Based on the utilization certificates generated by the Districts, the subsidy payments are done by the Department to the seed supplying agencies.
-
- The details of Subsidy Seed distribution since 2017 onwards is as follows:

Year	Beneficiaries (lakhs)	Seed Distributed (Lakh Qtls)	Amount (In Crores)
2017-18	7.54	5.57	112.44
2018-19	5.79	5.78	131.82
2019-20	7.45	7.25	142.03

A. State Seed Farms

There are 10 State Seed Production Farms functioning in the state of Telangana with the main objective of production of Foundation/Certified Seed to meet the seed requirement under Seed Village Programme in turn supply to the farmers.

Farm wise area particulars of State Seed Farms

S. No	Name of the seed farm	District	GROSS AREA	NET CULTIVABLE AREA in Acres
1	Boppaspally	Kamareddy	496.23	192.00
2	Malthummeda	Kamareddy	801.07	478.50
3	Sadasivpet	Sangareddy	24.80	18.00
4	palampet	Bhupalpally	52.50	23.00
5	Kothapally	Karimnagar	49.85	46.25
6	Jullekal	Gadwal	49.50	42.00
7	Korvipad	Gadwal	63.00	50.00
8	Dindi	Nalgonda	176.00	140.00
9	Cherukupally	Nalgonda	54.00	47.50
10	Kadem	Nirmal	27.00	27.00
	Total		1796.55	1064.25

(Note:Kadem (27 acres) seed farm handed over to Horticulture Department.

The State Seed Farms have been identified by the Government as Source of Foundation seed production by making use of Breeder seed supplied by Research institutions of the Agricultural University.

Objective of the State Seed Farms:

Production of Foundation seed and supply under seed village programme

Budget Provision

The crop cultivation charges for the crops taken up in State Seed farms will be met from the Revolving Fund account of state Seed farms maintained at the Commissionerate and it will be recouped by the sale proceeds of the Seed produced in the farm.

Targeted Production of State Seed farms during 2019-20

S.No	Crop	Vanakalam		Yasangi	
		Area in acres	Targeted yield in qtls	Area in acres	Targeted yield in qtls
1	Paddy	68	1700	143	715
2	Jowar	55	660	-	-
3	Bajra	13	146	-	-
4	Korra	73	730	-	-
5	Andukorralu	9	90	-	-
6	Ragi	9	90	-	-
7	Redgram	178.5	1071	-	-
8	Blackgram	10	50	-	-
9	Greengram	15	75	10	50
10	Ground nut	5	40	20	160
Total		435.5	4652	173	925

B. Seed Regulation

- A focused annual target of 10350 seed samples is fixed on prorata basis out of which 80% samples will be drawn in Kharif 2019 before sowings attain full swing. The remaining 20% will be drawn during Rabi 2019-20.(Annexure)
- The Pre-release Quality Assurance Programme will be implemented during this year 2019-20 also and the samples will be drawn under law enforcement category and action in case of substandard seed will be dealt under applicable provisions of Seeds Act 1966 and existing seeds laws.

Under this programme seed inspectors will draw samples from processing units/storage units well before release of stocks for sale.

- The seed samples of Bt cotton hybrids and other crop seed samples will be referred to STLs Rajenderanagar and DNA Fingerprinting Lab, Malakpet under law enforcement category.
- A separate target of 2765 seed samples of Cotton is included in the seed samples target.
- To ensure prompt action in case of seed samples declared substandard, instead of restricting legal action to the particular district only, the particulars of seed lots declared not conforming to prescribed standards will be communicated to all the District Agriculture Officers for uniform action.
- Targets for the Single Window Diagnostic Facility Seed Testing Labs is fixed as 3200 seed samples per year, with a view to increase drawl of samples under service category by the extension staff and also by farmers so as to ensure quality seed availability to the farmers.
- Trainings to Seed Inspectors on Seed quality regulation and also to the Seed Analysts on seed testing procedures will be imparted through SAMETI.
- All the District Agriculture Officers in the state are being continuously pursued to prosecute the accused in all the cases of substandard seed samples as per procedure in time.
- All the District Agriculture officers in the state will be alerted to take-up frequent inspections followed by necessary action seeking detentions, seizures, booking cases etc. during the peak season to curb flow of spurious seeds.

- Central squad teams will be deputed well before the commencement of season as special squads to inspect the processing units in the state. In addition to this internal squads will also be formed in all the Districts for conducting frequent inspections throughout the season.
- Task force teams have been constituted by the Government of Telangana with Agriculture / TSSDC/TSSOCA and Police Department officials to conduct raids on Dealer/Distributor/Storage Godowns/Processing units and unauthorized premises in the state in order to curb the spurious and illegal Ht. cotton with a view to supply quality seeds to the farmers for the ensuing Kharif 2019.
- A Supply plan of about 1,31,96,299 packets of Bt. Cotton seed is made to position in all districts for the year 2019-20 against an expected area of 20 Lakh Ha.
- All the District Agriculture officers in the state are instructed to conduct meetings with the Dealers and to take up awareness campaigns among the farming community that there is no permission for Ht. Cotton and further instructed to distribute posters and Pamphlets in the Districts. The same action will be ensured to be taken by the DAOs.
- An amount of Rs 127.03 Lakhs has been proposed for strengthening of notified Seed testing laboratories along with Single window laboratories.

Fertilizers

Nutrient Based Subsidy Policy (NBS Policy):

Department of Fertilizers (DoF), Government of India communicated the Nutrient Based Subsidy Policy from 01.04.2010.

Nutrient Based Subsidy Policy (NBS Policy):

- The Department of Fertilizers, Govt. of India implemented the Nutrient Based Subsidy Policy from 1-4-2010. Under this policy, fixed subsidy is extended on the fertilizer products (except Urea) based on the Nutrient content. The fertilizer companies will decide indicative MRPs based on the cost of the raw materials / Finished Goods (FGs) in the international market. The State Government has no role regarding fixation of MRPs of fertilizers.
- **Subsidy applicable:** The primary nutrients of N, P, K and sulphur (S) are eligible for subsidy. (The per Kg subsidy fixed is N Rs.18.901/-, P- Rs.15.216/-, K-Rs.11.124/-, S- Rs.2.722/- for the year 2018-19).
- Additional per ton subsidy is given for fertilizers carrying other secondary and micro-nutrients. This is to encourage balanced use of fertilizers. The per MT additional subsidy on Boron is Rs.300/- and for Zinc Rs.500/-.
 - Secondary Nutrients : Calcium (Ca) & Sulphur (S)
 - Micro Nutrients : Zinc (Zn), Boron (B), Manganese (Mn),
Iron (Fe), Copper (Cu) & Molybdenum
(Mo)
- The Department of Fertilizers (DoF) fixes the subsidy of fertilizers and the Companies will decide the MRPs.
- **Sale of fertilizers through PoS machines:** With the introduction of DBT and roll out of implementation of DBT pan India, the sale of fertilizers is made mandatory through PoS machines only, based on aadhar card of the farmers.
- **Printing on the Bags:** The fertilizer companies are required to print the Maximum Retail Prices (MRP) along with the applicable subsidy on the fertilizer bags clearly. Any sale above the printed MRP will be punishable under EC Act.
- All the Fertilizer Inspectors will ensure compliance of the above item.
- The distribution and movement of fertilizers along with import of finished fertilizers, fertilizer inputs and production by indigenous units will continue to be monitored through the online web based "Integrated Fertilizer Monitoring System (iFMS), (Erstwhile FMS and mFMS)".

SUPPLY PLAN OF FERTILIZERS:

The product-wise monthly allocations to the States i.e. supply plans will be decided and communicated to the States by the Department of Fertilizers (DoF), GoI and in turn to the districts from the head Office.

The district-wise fertilizer requirement for Kharif 2019-20 and estimates for Rabi 2019-20 are given in the **Annexure I (a) and Annexure I (b)** .

Integrated Fertilizer Monitoring System (iFMS)

- Government of India has decided to implement iFMS (Integrated Fertilizer Monitoring System) to track the movement and information availability & visibility across whole Supply Chain.
- The Department of Fertilizer, Govt of India is implementing the project and National Informatics Centre (NIC), Ministry of Communication & Information Technology, Government of India is the technology partner.

OBJECTIVE OF THE PROJECT:

- The objective of the iFMS (Integrated Fertilizer Monitoring System) is to monitor the movement of the fertilizer from the company to Warehouse, Wholesalers and from Wholesalers to Retailers.
- The system will help in monitoring the movement of Fertilizer's consignments and its stock position at various warehouses, wholesalers, and retailers.
- The system will also act as a tool for Government Bodies to track and ensure the timely distribution of fertilizers to the farmers.

It is proposed to be done in Three Phases

Phase 1: Information visibility till the retailer

The objective of this phase is to create information visibility of the movement of fertilizer along the supply chain from the manufacturer till the retailer.

Phase 2: Subsidy payment to Manufacturer

Till date the subsidy is released to the fertilizer Manufacturers based on actual receipts. However, with the Government decision to implement DBT in fertilizers, is realized Pan India, the subsidy will be released to the Manufacturer based on the actual sales made by the retailer.

Phase 3: Subsidy payment to farmers

In the Interim stage, it is envisaged that the subsidy will be released to the farmer in the long run, once the coverage of Aadhaar is extensive throughout the country.

It is proposed to be done in two phases:

- a. Information flow on sales to individual farmers
- b. Transfer of subsidy to farmers.

Direct Benefit Transfer: Introduction of e-pos machines:

The Government of India has rolled out Aadhar enabled Fertilizer Distribution System (AeFDS) pan India. The sale of fertilizers is done through e-pos machines in by retail fertilizer outlets. AeFDS will effectively monitor the distribution of fertilizers across the value chain from Manufacturers till farmers and to ensure timely and correct distribution of fertilizers through Aadhar numbers of farmers which are linked with web land.

The fertilizer requirement allotted by Dept of Fertilizers, Govt of India, for Kharif- 2019 is 19.40 LMTs and estimates for Rabi 2019-20 ie,13.88 LMTs are given in the **Annexure I**.

Buffer maintenance by TS Markfed:

Buffer stocks are source of assured fertilizer to the state to meet the exigency. During the year 2018-19, Government have appointed TS MARKFED as Nodal Agency to maintain 4.00 LMT (3.00 LMT urea + 0.30 LMT DAP + 0.70

LMT complexes) of fertilizer buffers in the state, to ensure availability of stocks to farmers through societies at MRPs.

Quality control :

Fertilizer is declared as Essential Commodity and is a critical input in crop production. The Fertilizer Control Order, 1985 and Fertilizer Movement Control Order, 1973 regulates the quality and movement aspects of the fertilizers, to ensure supply of quality fertilizers to the farming community.

The department is taking following necessary steps to ensure the supply of quality fertilizers to the farmers.

- An annual prorata target of 11000 fertilizer samples, proposed to be drawn during 2019-2020 were communicated to the districts. The district-wise, month-wise targets are annexed herewith. All the Notified Authorities ie, ADA®s are authorized to take immediate action on the fertilizer samples declared non-standard, as applicable.
- The DAOs were also directed to instruct the concerned Fertilizer Inspectors to adhere strictly to the product-wise targets communicated without any deviation. Top Priority should be given to drawl of as many fertilizer samples of NPK mixtures, 100% WS complexes, SSP etc, as possible to ensure that quality fertilizers are supplied to the farmers.
- There are three composite fertilizer testing labs notified by the State Government at Rajendranagar, Warangal and Kothapally (Karimnagar) with an annual analyzing capacity of @ 4500 fertilizer samples per lab. However, at present the FCO Lab at Rajendranagar is taking up analysis of both inorganic and organic fertilizer samples drawn by the Fertilizer Inspectors in the State.
- These labs analyse the fertilizer samples received from all over the state to ensure quality of fertilizers supplied to the farmers.
- Pre-season inspections duly forming internal squads for 100% verification of all the licensed fertilizer dealers to ensure that the dealers are complying with the provisions of FCO, 1985 will be taken up by the DAOs

and also instructed to take stringent action against erring dealers such as cancellation of licences, as per applicable provisions of FCO, 1985.

Fertilizer Coding Centre:

Fertilizer Coding Centre was established on 1st December 2004 with a purpose of maintaining secrecy while the analysis of Fertilizer Samples received from the Fertilizer Inspectors throughout the State.

Strengthening of FCO Labs:

There are 3 existing Notified laboratories in the State for conduct of Fertilizer samples analysis as per the provisions of FCO, 1985 in the following districts:

- 1) FCO Lab, Rajendranagar : Ranga Reddy
- 2) FCO Lab, Warangal : Warangal
- 3) FCO Lab, Kothapally : Karimnagar

Fertilizer Analysis under Single Window Diagnostic facility:

Fertilizer testing laboratories were established in all districts of the State except Rajendranagar & Warangal under Single Window Diagnostic Facility to analyze the Fertilizer samples that are received from the farmers to check the quality of the Fertilizers that are exhibited for sale in each district. However the budget provision has to be created under Normal State Plan.

Trainings:

The Fertilizer Analysts, Fertilizer Inspectors, Laboratory In-charges, Fertilizer Inspectors and Notified Authorities of the State will be trained at Central Fertilizer Quality Control & Training Institute, Faridabad and Chennai in analytical procedures of fertilizers and regulatory aspects to the Enforcement authorities, every year.

Squads:

Central squads from the Commissionerate will be constituted and deputed for random inspections as and when required, to the districts for inspecting dealer / retail / manufacturing units during Kharif and Rabi seasons to ensure supply of quality fertilizers to the farming community.

Time Schedule as per clause 30 of Fertilizer Control Order 1985 is as follows:

1. Where the fertilizer sample drawn by the Fertilizer Inspector shall be dispatched for analysis to Fertilizer Coding Centre within THREE days under acknowledgment.
2. The Laboratory should analyze and dispatch the analysis report with respect to chemical fertilizers, within FIFTEEN days and for Bio /Organic fertilizers within THIRTY days from the date of receipt of sample from Fertilizer Coding Centre
3. The Fertilizer Inspector should communicate the analysis result to the concerned within **SEVEN** days from the date of receipt of analysis report from the fertilizer Coding Centre.

Re-Analysis:

The aggrieved Dealer / Distributor / Manufacturer can exercise the option of reanalysis under clause 32 (A) (2) and 32(2) of Fertilizer Control Order, 1985 within 30 days from the date of receipt of analysis and the same will be sent for reanalysis to any of the 64 laboratories notified by the Government of India by the Appellant Authority and the result of Reanalysis of the referral laboratory supercedes the contents of the earlier report.

SUPPLY OF ZINC SULPHATE (21%)

Soil is exploited by the land users / farmers to increase the productivity and in recent times the deficiency of Zinc and increase in the alkalinity of the soil is reported in the State. Integrated Nutrient Management envisages soil test based balanced and judicious application of NPK fertilizers and secondary and micro-nutrient fertilizers in conjunction with organic sources of nutrient for

maintenance of soil fertility and of plant nutrient supply at an optimum level for sustaining the desired productivity and through optimization of the benefits from all possible sources of organic, inorganic and biological components in an integrated manner.

The deficiency of Zinc is noticed in the soils of the State by which the nutrient uptake is hampered affecting the productivity of crop adversely.

To overcome the zinc deficiency it is proposed to supply Zinc Sulphate-21% to the farmers on subsidy in the state with the funds released from Government of India under NFSM-Paddy scheme and NSP-INM schemes respectively for the year 2019-20 also. The districts which are not covered under NFSM -Paddy scheme will be catered to under NSP-Integrated Nutrient Management.

Objective of the programme:

- To overcome the problem of Zinc deficiency in paddy crop
- To increase the productivity of paddy crop.

Benefits of the Programme

- Application of Zinc Sulphate in the previous years has resulted in increased production and productivity of paddy besides quality of the produce, hence it is highly beneficial in the interest of the farming community, to continue the programme during 2019-20.

Brief guidelines for implementation of the programme

1. The Nodal Agency appointed by the Government should procure ISI Zinc Sulphate 21% from the eligible manufacturers only, basing on the quantities mentioned in Form-J and Form-L of a particular batch.
2. Dosage - 50 kg Per Ha for Paddy crop, 25Kgs / Ha - pulses.
- 3 The extent to each beneficiary is limited to 2 Ha.s

4. The Nodal Agencies shall position the stock of Zinc Sulphate 21% at the placement centers furnished by respective DAOs along with the quantity under intimation to the respective Assistant Director of Agriculture and Mandal Agricultural Officer.
5. As soon as Zinc Sulphate 21% is positioned, the Mandal Agricultural Officer shall draw sample duly observing the sampling procedure laid down in FCO 1985 from the stocks and send the same to FCC to arrange for analysis. If the samples fail, necessary action should be initiated as per FCO.
6. The DAOs, should intimate the concerned Agril.Officers about the allocation of Zinc Sulphate made for each mandal in the district, so that permits may not be issued over and above the allotted quantities of Zinc Sulphate.
7. Permits will be issued to the farmers by the Agricultural Officers based on the areas under the crop proposed in their Pattadar Pass Book. The areas permitted to each farmer shall be indicated in Ha in words and the material supply also shall be clearly indicated in words.

The permit signed by the concerned MAO should only be honored and no other evidence is required.

Subsidy Pattern

- The subsidy pattern is limited to Rs.500 per Ha. The rate per metric ton of Zn-21% is yet to be fixed by the Government.

Area to be covered, No. of farmers to be benefited etc.

- It is proposed to distribute 866 M.T.s of Zinc Sulphate covering an area of 17320 Ha during 2019-20 with a total subsidy involvement of Rs.86.60 Lakhs under Normal State Plan-Integrated Nutrient Management as per the Vote-On account budget.

Canalizing Agencies

- MARKFED was designated as Nodal Agency for distribution of Zinc Sulphate-21% in the year 2018-19. Orders are awaited from Government for nomination Nodal Agency for 2019-20.

Proposal for distribution of Zinc Sulphate 21% on 50% subsidy to paddy crop subject to releases made under NSP-INM during 2019-20

Sno	Physical (M.T.s)	Detailed Head	Financial allotment (Rs in Lakhs)
1	866	330-Subsidies	86.60

GoI Allocation for Kharif 2019	19.40 LMTs
TS MARKFED - Nodal Agency – To maintain buffer stocks	4.00 LMTs (Urea 3.00LMTs, 0.30 LMTs DAP and 0.70 LMTs of Complexes)

PLANT PROTECTION

Rules and Regulations to be followed as per the Insecticides Act, 1968 and Insecticide Rules, 1971.

Grant of License

- Any person desiring to manufacture or to sell, stock or exhibit for sale or distribute any insecticide or to undertake commercial pest control operations with the use of any insecticide may make an application to the licensing officer for the grant of a license.
- Every application under sub-section (1) shall be made in such form and shall contain such particulars as may be prescribed.

3. On receipt of any such application for the grant of license, the licensing officer may grant a license in such form, on such conditions and on payment of such fee as may be prescribed.
4. A license granted under this section shall be valid for the period specified therein and may be renewed from time to time for such period and on payment of such fee as may be prescribed.

Rules to be followed for Grant of Licenses

1. Application for the grant or renewal of a license to manufacture any insecticide shall be made in Form II to the licensing officer and shall be accompanied by a fee of rupees two thousand for every insecticide and a maximum of rupees twenty thousand for all insecticides for which the license is applied.
2. If an insecticide is proposed to be manufactured at more than one place, separate applications shall be made and separate licenses shall be issued in respect of every place

License for sale, etc., of Insecticides

1. Applications for the grant or renewal of a license to sell, stock or exhibit for sale or distribute insecticides shall be made in Form II to the licensing officer and shall be accompanied by the fees specified.
2. The fee payable for grant or renewal of a license shall be rupees five hundred for every insecticide for which the license is applied subject to maximum rupees seven thousand five hundred. There shall be a separate fee for each place, if any insecticide sold, stocked or exhibited for sale at more than one place.
3. Provided further that , if the place of sale is established in the rural areas, the fee shall be one fifth of the fee specified in this rule.
4. A license to sell, stock or exhibit for sale or distribute insecticides shall be issued in Form III.

Pest Control Operators:

1. Any person who desires to undertake pest control operations, with the use of Aluminium Phosphide, Methyl bromide. Ethylene dibromide or as notified shall apply for a license in form II with a fee of rupees one thousand for each place of operation. The license granted for such operations shall be valid for a period of five years provided that the license shall be renewed after verification or inspection at the expiry of this period on application in form II for a further period of five years with an application fee of rupees one thousand.
2. A license to stock and use insecticide for pest control operators will be issued in Form III.
3. Any person who applies for grant of license for undertaking pest control operations should be atleast a graduate in Agriculture or in Science with Chemistry as a subject with a certificate of minimum of 15 days training from any of the following Institutions – Central Food Technological Research Institute(CFTRI), Mysore, Indian Grain Storage Institute(IGSI), Hapur and National Institute of Plant Health Management (NIPHM), Hyderabad.
4. For undertaking fumigation, the pest control operators shall have to obtain special permission from the Plant Protection Adviser to the Government of India in addition to obtaining license. The Plant Protection Adviser will grant such permission as per procedure or guidelines approved by the Registration Committee.
5. The commercial pest control operators shall adhere to the prescribed guidelines or procedures as laid down by the Plant Protection Adviser to the Government of India in regard to the fumigation operations undertaken by them.

Scheme wise amount Proposed to Plant Protection under RKVY for the year 2019-20				
Name of the Scheme	Target			
	Financial (Rs. In Lakhs)			
	Gen	SC	ST	Total
Strengthening of Pesticide Testing Laboratory, Rajendranagar	6.09648	2.6104	1.69312	10.4
Strengthening of Pesticide Testing Laboratory, Warangal	23.56524	10.0902	6.54456	40.2
Strengthening of DDA, PTL and Coding centre, Hyderabad	6.4482	2.761	1.7908	11
Strengthening of Bio Pesticide Testing Laboratory, Hyderabad	23.448	10.04	6.512	40
For supply of Pheromone traps for management of Fall Army Worm in Maize	267.4	114.5	74.3	456
supply of Metarhiziumanisopilae for management of fall army worm	209.2	89.6	58.11	357
supply of Pheromone traps for management of Pink Boll Worm in Cotton	383.2	164.1	106.4	654
supply of PP chemicals	1068.05	457.32	296.62	1822
Total	1987.408	851.0216	551.970	5 3390.6

Note: Pesticide samples total target for the year 2019-20 is 3810.

Farm Mechanization

Agricultural mechanization helps in increasing production, productivity and profitability in agriculture by achieving timeliness in farm operations, bringing precision in metering and placement of inputs, reducing available input losses, increasing utilization efficiency of costly inputs (seed, chemical, fertilizer, irrigation, water etc.), reducing unit cost

of produce, enhancing profitability and competitiveness in the cost of operation. It also helps in the conservation of the produce and byproducts from qualitative and quantitative damages; enables value addition and establishment of agro processing enterprises for additional income and employment generation from farm produce.

In Telangana, though, there has been a considerable progress of mechanization in agriculture; its spread has, however, been most uneven. Some of the initial problems in farm mechanization had been the small and scattered size of farm holdings, financially challenged farmers, lack of awareness among the marginal farmers. Majority of these problems have been addressed in our State with sustained focus on farm mechanization by way of extending financial aid by providing subsidy to the farmers in procuring farm implements suitable to their needs.

Mechanization is being promoted on priority by Telangana Government since the formation of State.

The objectives of supplying various farm machinery/ implement are as follows:

- Ensures reduction of drudgery associated with various farm operations
- Improve the efficiency of farmers
- Making available the presence of mechanization in every village.
- Reduction in cost of cultivation for major crops grown in the State
- Establishment of CHCs with High Cost Machinery in villages will provide Farm Mechanization Service to all farmers on hire basis and hire charges decided by Grampanchayath.
- Employment generation to rural youth through establishment of CHCs.

**Farm Mechanization is being implemented under the following
three schemes during 2019-20**

I. Farm Mechanization component of Normal State Plan (FM-NSP):

It is proposed to supply various farm implements/ machinery i.e. Animal Drawn Implements, Tractor Drawn Implements, High Cost Machinery, Mini Tractors, Post Harvest Equipment, Plant Protection Equipment, Inter-cultivation Equipment, HDPE Tarpaulins and establishment of Custom Hiring Centers for Paddy Land Preparation, Transplanters in Paddy, Custom Hiring centres for Dry land package and Harvesting packages.

II. Farm Mechanization component of Rashtriya Krishi Vikas Yojana (FM-RKVY):

It is proposed to establish Custom Hiring Centers for Paddy Land Preparation, Transplanters in Paddy, Custom Hiring centres for Dry land package and Harvesting packages, High Technology Machinery, Post Harvest Equipment, PPE Equipment, Tractor drawn and Animal Drawn Equipment.

III. Sub-Mission on Agricultural Mechanization (SMAM):

It is proposed to supply Mini Tractors, Power Tillers, Tractor Drawn Implements, Plant Protection Equipment and Post Harvest Equipment and also proposed to organize trainings & demonstrations to farmers.

In Telangana at present the Farm power availability is 2.02 kw which is low and there is lot of scope for improvement. This can be improved by providing adequate subsidies to procure high cost machinery and by concentrating more on the financially challenged regions in addition to the developed regions which already have a sound farm mechanization infrastructure.

- A. **Custom Hiring Centers** are established for major crops grown in the State like Paddy, Maize, Groundnut, Cotton and Sugar cane to make High Cost Machinery available to small and marginal farmers. CHCs shall be given to individual farmer as well as to group of farmers. Preference is to be given to Rythu Mithra Group/ Joint Liability Group (JLG)/ Self Help Group (SHG)/ Integrated Watershed Management Programme (IWMP)/ Societies which are active for the past 5 years with continuous savings and bank operations.

Objective:

- To provide all machines on hire basis for timely operations in labour shortage and high labour cost situations.
- To make farming operations more quicker and more efficient when compared to manual methodologies and
- To make cultivation more remunerative and sustainable for farmers in the State.
- To make available High Cost Machinery to small & marginal farmers

Scope of Custom Hiring in Telangana:

- Most of the Farmers in Telangana State are tenant, marginal and small farmers with low economic status. The low income levels of the farmers prohibiting the purchase of High cost machinery. At the same time the availability of farm labour is also low. So as to overcome these problems the concept of Custom Hiring Centers is introduced.
- Custom Hiring Centers are provided to farmer/ farmer groups.
- Many individual needy farmers who cannot afford to buy High Cost Machinery will utilize High cost machinery on hire basis from the Custom Hiring Center in that village. The hire charges will be fixed at reasonable level through group resolutions.
- The Concept of Custom Hiring Centers was introduced in Telangana to improve the crop yield and to reduce the cost of cultivation by reducing labour charges and to create employment to rural youth.

- Promotion of Custom Hiring Concept for High cost machinery taking village development as a whole by hiring helps in coverage of large area in less time and to do timely farm operations with less input costs.
- Providing end to end solutions in each crop i.e. mechanizing the entire farm operations from land preparatory to post harvest operations with an aim to improve crop productivity by efficient utilization of available farm power & by minimizing Post harvest losses in the crops.
- These centers also helped to reduce the labour shortage in farm operations and also improved the productivity of the crops in Telangana State.
- Establishment of Custom Hiring Centers is taken up for the crops Paddy, Maize, Groundnut, Cotton and Sugarcane.

B. **High Technology Machinery:** Includes Straw-balers, Muticrop threshers, Reapers, Laser guided land levelers with an objective to make farming operations quicker and more efficient when compared to manual methodologies and to make available High Cost Machinery to small & marginal farmers. Subsidy is 50% limited to 1.5 lakhs.

C. **Post Harvest Equipment:** Post Harvest technology encompasses the usage of optimum harvest factors, reduction of loses in handling, packaging, transportation and storage with modern infrastructure machinery, processing into a wide variety of products and preservation with low cost technology. Adoption of these techniques could make available a large quantity of food by avoiding losses and provide better quality food and nutrition more raw materials for processing thus ensuring better returns to the farmers. Subsidy is 50% limited to 1.0 lakh.

- D. **Plant protection equipments:** Pests and disease incident on the crops / plants are to be overcome by the application of poisonous chemicals. As the technology advances and newer crop varieties are introduced newer insects, pests and diseases are also growing up and methods are devised to control them. Many chemicals used for plant protection cannot be handled by human operators directly. Also, that needs to be applied in fine particles. This necessitates the use of suitable machines.
- E. **Animal Drawn and Tractor Drawn Equipment:** Used for all crops and for operations like sowing, tillage and inter-cultivation. Demand for these equipments is more from small and marginal farmers.

EXTENSION

Trainings to Farmers/Officers in the State on Latest Technologies:

- The Agriculture Officers working in the districts and FTCs are being deputed to EEI, MANAGE, IIRR, IIMR, NAARM, NIPHM, NIRD and WALAMTARI to undergo the training on latest technologies for Transfer of Technology.
- After getting trained at those Institutes, the TOTs arrange Trainings to farmers in the villages before and during the season.
- The following trainings were conducted by the said institutes to the Departmental Officers for upgrading the technical know-how on Modern Agriculture Techniques for transfer of technology to farmers. The TOTs trained in the following subjects:
 1. Agricultural water management – measurement and quantification.
 2. Climate change resilience in rural development.
 3. Modern marketing systems of Agricultural commodities.
 4. Pesticides application techniques and safety measures.
 5. Onfarm production of biological agents and uses.
 6. Drought management

7. Balanced nutrients for sustainable crop production and soil health.
8. Innovative system of rice intensification on direct seeded rice.
9. Climate change adaptation in agriculture.
10. Disaster management.
11. Strengthening of rain fed production system for sustainable agriculture.
12. Conservation techniques to improve water use efficiency.

1. FARM WOMEN EMPOWERMENT PROGRAMME

Women play a crucial role in all farm-related activities from land preparation to marketing. They contribute a higher proportion of labor in agricultural sector than men. It is estimated that women are responsible for 70 % of actual farm work and constitute nearly 60 % of the farming population.

Objectives:

The need of the hour is to strengthen their participation by empowering them with gender friendly technologies that help in increasing the production and productivity and also reduce drudgery for those who carry out the farming operations. Thus, with an objective of promoting women's participation in the total Agricultural Development, to give voice to farm women, to improve their skills, knowledge, to improve their income levels to lead a quality life and to re-orient their attitude, the Farm Women Empowerment programme is being implemented.

Approaches:

- Capacity building on various modes through trainings
- Organizing field visits and exposure visits
- Group approach
- Collaboration and co-ordination with PJTSAU, MANAGE and ICAR on Gender sensitivity.

The Farm women will be imparted trainings on identified skills pertaining to various important issues and latest location specific/crop specific prevailing

technologies during 2019-20, thereby increasing production and productivity of their crops and finally their income levels. Awareness will be created on entrepreneurial opportunities in agricultural and allied sectors and the trainings on value addition related to agri-products provides opportunity to the farm women in getting alternate income especially in off-season and also to set up suitable small scale enterprise for generating extra income.

Trainings for farm women at village level / Mandal level: The place of the training will be selected by the DDAs (FTC).

During 2019-20, it is proposed to organize **412 village level/ Mandal level trainings** covering **20,600 no. of farm women** with an **outlay of 20.60 lakh** on identified location specific/ crop specific latest relevant technologies which are need based, so as to improve their technical knowledge and upgrade their skills for their day to day life in the following areas.

Area identified for trainings

- Seed treatment techniques and proportionate mixing up of plant protection chemicals
- Soil sample collection and analysis of the soil testing cards (N,P,K wise), Selection of good seed, seed germination tests.
- Preparation of Vermi compost, and Azolla application, NSKE and Neem cake preparation.
- Identification of pests and diseases of major crops with suitable control measures (based on IPM).
- Water management in important crops to increase crop productivity.
- Post harvest management techniques etc with emphasis on save grain methods.
- Sensitization on gender friendly farm implements & hands on experience.
- Awareness on entrepreneurial opportunities in agricultural and allied sectors.
- Awareness on use of straight and complex fertilizers and integrated nutrient management.
- Available credit flow to the farm women and exposure on crop insurance.
- Awareness on approaching input agencies for seeds, fertilizers and pesticides.
- Awareness on call centers.

- Correct methods for placement of fertilizers.
- Application of gypsum in groundnut.
- Preparation of poison bait for rodent control (both at residence & fields).
- Kitchen gardening and Mushroom Cultivation for additional income
- Creating Awareness on Departmental schemes.

The Training will be for one day covering introduction and importance of the above identified issues and also imparting skills including practical demonstrations pertaining to the issues.

Criteria for selection of farm women:

- To impart training to farm women who were not covered during last year.
- Farm women from small and marginal farm families.
- Farm women actively involved in farm operations and who promote dissemination of knowledge.
- Farm women who are active and interested in learning new technologies.
- Preference may be given to tribal women.

The mode of expenditure for each training programme @ 50 farmers per training is as detailed below:

1	No. of farmers	50
2	Duration of training	1day
3	Refreshments to participating farmers for 1day @ Rs. 50/- per day	Rs. 2500/-
4	Printing of literature and distribution to farmers @ Rs. 20/- per farmer	Rs. 1000/-
5	Transport of farmers and Resource persons to the venue of training (identified demonstration plot)	Rs. 1000/-
6	Skill demonstrations	Rs. 200/-
7	Miscellaneous expenditure	Rs. 300/-
TOTAL		Rs. 5000/-

Expected Outcome:

- Farm women's knowledge on latest farming technologies will be improved.
- Skills on Value addition will be enhanced which can promote entrepreneurship development in farm women.

2.AGRICULTURAL CREDIT

CREDIT SCENARIO FOR THE YEAR 2018-19

S.No	Loan Type	Target (Cr)	Achv (Cr)	% ofAchv	Remarks
I	Crop Loans				
	Vanakalam (Kharif)	25496.53	19671.76	77.15	
	Yasangi (Rabi)	16998.00	14079.96	82.83	
	Total	42494.53	33751.72	79.43	
II	Term Loans				
a)	Agrl. Term Direct Loans	11421.85	12672.32	110.94	
b)	Agrl. Term Loans for allied activities	4147.3	4927.73	118.82	
	Total	15569.15	17600.05	113.04	
	Grand Total	58063.68	51351.77	88.44	

CREDIT TARGETS FOR THE YEAR 2019-20

S.No	Loan Type	Target (Cr)
I	Crop Loans	48740.43
II	Term Loans	
a)	Agrl.Term Loans	11445.36
b)	Agrl.Term Loans including Allied Activities	8410.92
	Total	19856.28
	Grand Total	68596.71

3.VADDILENI RUNALU & PAVALAVADDI

- To mitigate the financial burden of the farmers and to encourage the farmers in availing institutional credit and to inculcate timely repayment of crop loans, the loans are made available to the farmers at no/lower interest rates.
- The farmers, who repay their crop loan in time i.e within one year from the date of issue of crop loan will pay only the principle amount up to 1.0 lakh, while the interest will be claimed by the bankers, 3% from RBI and 4% from State Government.
- For the crop loans from Rs.1.00 Lakh to 3.00 Lakhs the farmers will pay 3% PavalaVaddi Interest and the remaining 4% will be borne by the Government i.e., 3% from Government of India, RBI and 1% by the State Government.
- The implementation of Rythu Sri (VLR/PV) Scheme inculcates repayment habit among the farmers, which is beneficial for both farmer and bankers.
- An amount of **Rs.1591.18 lakhs** has been allocated under the Scheme for the year 2019-20 under SCSP and TSP categories and allocation of the amounts is not done in the General Category in the first part of vote on Account Budget. An amount of **Rs. 795.59 lakhs** has been released as first installment.
- The Amount allocated during 2019-20 towards the Scheme will be utilized for payment of pending claims of the VaddileniPantaRunalu and PavalaVaddi from 2015-16 to 2018-19 as the pending claims of previous year are more than the amounts allocated during 2019-20.

ACTION PLAN FOR CREDIT 2019-20:

- Agricultural credit is one of the most crucial inputs in all agricultural development programmes.
- SLBC will assign the District wise Credit Targets i.e., Crop Loans and Term Loans
- The major source of credit is bank (all commercial banks, co-operatives, RRB's, private sector banks).

- Kharif loans will be disbursed from 1st April to 30th September and Rabi loans are disbursed from 1st October to 31st March by the banks.
- Bankers issue the crop loans as per Scale of Finance specified for the year 2019-20.
- Bankers issue Kisan Credit Cards to farmers as per RBI guidelines to ease the loan processing.

The Targets for the year 2019-20 as per the SLBC Action Plan are as follows:

S.No	Loan Type	Target (Cr)
I	Crop Loans	48740.43
II	Term Loans	
a)	Agri.Term Loans	11445.36
b)	Agri.Term Loans including Allied Activities	8410.92
Total		19856.28
Grand Total		68596.71

Media Production

The Media Production cell mainly deals with giving wide publicity on various aspects of transfer of latest scientific technology by means of film shows, Banners, exhibitions, Videos, Tape Recorder VCDs etc. For quick mass communications and serving large-scale section of farming community, Radio, T.V and Press are being utilized. Two tableaux's are presented on Independence Day, Republic day and Telangana Formation day celebrations duly highlighting the various departmental activities.

1. Advertisements &Publicity :

The Media Production section is giving wide publicity on various aspects on latest scientific technology to the farmers through Advertisement & Publicity.

Advertisements through print and electronic media cassettes, production of quickies/ documentaries, CDs, **TV scrolls** are also proposed to be taken up including publication of Tender Notices etc. During 2017-18 in the month of April, 2017, **Hon'ble Chief Minister have taken Historic decision of Extending Rs.4000/- per acre** to each and every farmer of the State as input investment for two times in a year. **This aspect has been advertised widely** in (14) different daily news papers in **Telangana** and (18) different daily news papers in **Other States of India** duly incurring an expenditure of **Rs.1417 lakhs** against the additional release of Rs.1419 lakhs by the Govt. **In view of the above an amount of Rs. 500.00 Lakhs are proposed** to be earmarked **under Normal State Plan** during 2019-20 for advertisements and publicity.

2. Printing of Literature Books and other printing material for the year 2019-20.

Transfer of improved Agricultural technology through printing and distribution of booklets in an adaptive manner in the farmers' field is of prime importance to enhance agricultural productivity and profitability. The Department of Agriculture is focusing mainly on Integrated Crop Management Practices to restore soil fertility, reduce cost of cultivation, increase productivity and ensure high returns on investment to the farmers leading to sustainable agriculture. Printing and distribution of booklets, pamphlets, Brochures etc., to the farmers on various aspects highlighting Integrated Pest Management, Integrated Nutrient Management and publicizing various important aspects like soil testing, usage of soil amendments, post harvest management play a key role in helping the farmers to take decision on usage of quality and appropriate inputs in reducing the cost of cultivation. Hence, the printing of literature is an important media for dissemination of latest technology to the farming community and the technical information received from field officers of Agriculture and allied Departments and also from the Scientists of Agriculture, Horticulture and Veterinary from University apart from the Senior Scientists of CRIDA, ICRISAT, Directorate of Oilseed Research, Directorate of Rice Research etc., for which **Rs. 158.80 lakhs are proposed** to be earmarked **under Normal State Plan** during 2019-20.

3. Printing of VyavasayaPadiPantalu Telugu Monthly Magazine

The VyavasayaPadipantalu Telugu monthly magazine is being printed every month in multi colour by the Department of Agriculture since a long time and is being sending 46,000 No. of copies every month to the 32 District Agricultural Officers (exclusive of Hyderabad) as per the Annexure enclosed for onwards distribution to the RythuSamanvaya Samiti members, progressive farmers, Gram Panchayats, Officials of Agriculture and ATMA etc., and also sending by post to the subscribers, Libraries, Pubic representatives, Officers and scientists of Agriculture and allied departments, Call Centres, EPTRI, CRIDA etc., in Telangana State on free of cost. Keeping in view of wider coverage of farming community, the articles covered in the magazine are pertaining to Agriculture and allied departmentslike Animal husbandry, Horticulture, Seri Culture, Fisheries, Co-operative & Marketing, Irrigation, Transco, Dairy Development Corporation, Seed Development Corporation and TS Agros, etc., and department wise latest technical information on the various schemes, their aims and objectives, guide lines, subsidy pattern and suggestions to the farmers related to the concerned season/ month are also published,forwhich**Rs. 91.20 lakhs are proposed** to be earmarked under Normal State Plan during 2019-20.

"MASS MEDIA SUPPORT TO AGRICULTURE EXTENSION" –A Central Sector Scheme

The Government of India (Ministry of Agriculture) in collaboration with Prasar Bharathi has formulated a Scheme 'Mass Media Support to Agriculture Extension'.The scheme envisages utilizing existing infrastructure of Doordarshan (DD) and All India Radio (AIR) to produce and transmit programmes covering wide spectrum of topics in agriculture and allied fields for bringing latest information and knowledge to the farming community.Agriculturalprogrammes are being telecast & broadcast through **Doordarshan&All IndiaRadio-FM (Kisanvani Stations)** under this scheme.

DOORDARSHAN :

Doordarshan Regional Kendra, Hyderabad is telecasting **following agricultural programmes:**

5.30 PM to 6.30 PM Rythunestham (From Monday to Friday)

6.30 AM to 7.30 AM Repeated in the morning (previous/yesterday's evening programmes)

DOORDARSHAN :

5.30 PM to 6.30 PM **Phone in Live Programme (From Wednesday to Friday)**

MONDAY, TUESDAY, THURSDAY

5.30 PM to 6.00 PM Agriculture Information Followed by RythuBharosa

6.00 PM to 6.30 PM Rythunestham

5.30 PM to 5.35 PM TV scrolling facility to Agriculture (5 Minutes)

ALL INDIA RADIO, (KISAN VANI STATIONS)

Agricultural programmes are being broadcast at 7.15 p.m to 7.45 p.m through All India Radio, FM Kisan Vani stations located at Warangal, Nizamabad, Kothagudem (Khammam) and Adilabad. Agriculture & allied programmes are being broadcasted by All India Radio Hyderabad for 1 Hour 10 Minutes

MONITORING & SUPPORT ACTIVITIES:

MONITORING:-

As per the directions of Govt. of India and G.O.Rt.No.695, Dt.15-7-2005 and GO Rt. No.359, dt:30/7/2015 issued by Govt. of Telangana, the implementation of the scheme is reviewed and necessary suggestions for effective implementation of **are being given by the State Level Committee (SLC)** formed at **State level** under the **Chairmanship of Principal Secretary to Govt. (A&C)** and through **Dist.Level Committees(DLCs)** formed **at(4)districts** viz., Adilabad, Khammam, Nizamabad and Warangal **under the Chairmanship of respective district Collectors by meeting quarterly.**

TECHNICAL SUPPORT:

A Technical Working Group comprising of officials and scientists of Agriculture & Allied departments, All India Radio, Doordarshan etc., are **formed at State level and is meeting regularly in the First week of every month** at O/o Commissioner & Director of Agriculture, T.S, Hyderabad for discussing, deciding and sending the broad agricultural calendar ***one month in advance*** to Doordarshan Kendra, Hyderabad also to (4) A.I.R Kisanvani Stations.

Further, formation of separate Technical Committees (apart from DLCs) with the officers/ scientists of agriculture and allied sectors are under consideration at district level where DLCs are located for preparation and sending of calendar and content of programmes relevant to the transmission range of concerned DD and AIR (Kisanvani) FM stations.

Success and Impact of previous work :

During the previous year's up to 2018-19 (including formation of Telangana State) every year nearly 50 – 60 Lakh No. of farmers have benefited in Telangana by Publicity, advertisements (through Print and Electronic Media), Padipantalu Monthly Magazines and other printed literature etc.

Natural Calamities

NC Cell deals with Agricultural Crop damages due to natural calamities i.e., Heavy rains / Floods / Unseasonal / untimely rains/Hailstorms/Drought/Fire/ Earthquake and Tsunami.

As and when any calamity occurs, the preliminary Agricultural crop damages above 33% will be obtained from all the concerned District Agricultural officers and a consolidated report of all the affected districts will be submitted to the Government i.e., Principal Secretary to Govt, A& C department and the Commissioner for Disaster Management (Rev. dept) for according enumeration permission.

The Disaster Management Department is the Nodal for according Enumeration permission for assessing the crop damage due to any natural calamity. Crop damage assessment reports will be obtained from District Agriculture officers of affected Districts through the District Collectors. Input subsidy will be calculated as per norms of STATE and CRF and G.Os issued by the Government of Telangana from time to time for release of input subsidy. Memorandum will be submitted to the Govt. for sanction of the input subsidy to distribute to the affected farmers towards crop damage due to natural calamities.

The Department will prepare and keep ready the Contingency plans for timely supply of alternate crops seed on subsidy in case of the late onset of Monsoon/ Dry spells if the rains are not received by 15th July, 30th July and 15th August 2019.

Scale of relief (Input subsidy as per CRF and State norms) for the affected Agricultural crops

S. No	Crop	As per CRF Norms (Rs per Ha) (Lr.No.32-7/2014-NDM-I, dt.8th April, 2015) of Deputy Secretary to GOI, Ministry of Home affairs (Disaster Management Division)		Revised Scale of Relief as per State Norms vide G.O.MS. No.2 of Rev (DM) dept. dt: 15.06.2015 (Rs per Ha)	
		Rainfed	Irrigated	Rainfed	Irrigated
1	Paddy	6800	13500	6800	13500
2	Maize	6800	13500	8333	8333
3	Jower	6800	13500	6800	13500
4	Bajra	6800	13500	6800	13500
5	Ragi	6800	13500	6800	13500
6	Groundnut	6800	13500	6800	13500
7	Sunflower	6800	13500	6800	13500
8	Soyabean	6800	13500	6800	13500
9	Castor	6800	13500	6800	13500

10	Sesamum	6800	13500	6800	13500
11	Redgram	6800	13500	6800	13500
12	Blackgram	6800	13500	6800	13500
13	Greengram	6800	13500	6800	13500
14	Bengalgram	6800	13500	6800	13500
15	Cotton	6800	13500	6800	13500
16	Sugarcane	6800	13500	6800	13500

(Scale of relief is Rs. 12,200/- per ha for Sand Casting as per CRF Norms)

Pradhan ManthriFasal Bhima Yojana (PMFBY)

The following Crop Insurance schemes are under implementation in Telangana State from Kharif 2016 onwards.

1. PRADHAN MANTHRI FASAL BHIMA YOJANA (PMFBY)
2. RESTRUCTURED WEATHER BASED CROP INSURANCE SCHEME (RWBCIS) SCHEME
3. UNIFIED PACKAGE INSURANCE SCHEME (UPIS)

The features of PMFBY are as follows.

Objectives:

- To provide insurance coverage and financial support to the farmers in the event of failure of any of the notified crop as a result of natural calamities, pests & diseases.
- To stabilize the income of farmers to ensure their continuance in farming.
- To encourage farmers to adopt innovative and modern agriculture practices.
- To ensure flow of credit to the agriculture sector.

Scheme is based on area approach and for major crop village / Panchayat will be the unit of insurance and for other crops Mandal / Group of Mandal / District as unit of insurance. However, in case of localized losses and post harvest damages the yield losses to be assessed for each affected farmer.

The Government of Telangana issued vide GO Rt. No. 156,157 and 158 Dt: 03.05.19 for implementation of PMFBY,RWBCIS and UPIS respectively in the state for Kharif and Rabi 2019-20.

The insurance scheme will be implemented in Telangana in (6) clusters as detailed below:

Cluster- I	Adilabad, Mancherial, Asifabad, Jayshanker, Siddipet, Mulugu
Cluster-II	Nirmal, Nizamabad, Kamareddy, Yadadri, Rangareddy
Cluster-III	Peddapalli, Karimnagar, Jagityal, Siricilla, Jangaon
Cluster-IV	Khammam, Nalgonda, Suryapet, Sangareddy, Medak.
Cluster-V	Bhadradi, Warangal (U), Warangal (R), Wanaparthi, Nagarkurnool
Cluster-VI	Medchal, Mahabubnagar, Jogulamba, Vikarabad, Mahabubnagar and Narayanpet

Crops Notified under PMFBY for Kharif and Rabi are as follows

Kharif crops:

1. Rice
2. Jowar
3. Maize
4. Green gram
5. Black gram
6. Red gram
7. Groundnut
8. Soyabean
9. Turmeric

Rabi crops:

1. Rice
2. Jowar
3. Maize
4. Green gram
5. Black gram
6. Groundnut
7. Sunflower
8. Bengal gram
9. Chillies
10. Onion
11. Sesamum

Crops Notified under RWBCIS for Kharif and Rabi 2019-20 are as follows:

Kharif 2019:

Cotton	All Districts (except Medchel)
Red Chilly	Khammam, Bhadradi, Warangal (R) & (U), Mahabubabad, Jayshanker, Suryapet, Jogulamba, Jagityal, Nirmal, Mancherial,

	Jangaon, Wananparthy, Nagarkurnool, Nalgonda, mulugu.
Oil Palm	Khammam and Bhadradi
Sweet Orange	Nalgonda, Suryapet, Yadadri, JogulambaGadwalMahabubnagar, Naranyanpet
Tomato	Adilabad and Rangareddy

Rabi 2019-20:

Mango in all districts.

Tomato in Rangareddy and Adilabad.

Village Insurance Unit Scheme:

The Government has notified "Village Made as Insurance Unit" Scheme with one major crop in each village and other crops are covered under "Mandal/ Group of Mandal/ District made as Insurance Unit under PMFBY in the State.

CROPS NOTIFIED UNDER PRADHAN MANTRI FASAL BIMA YOJANA (PMFBY) FOR TELANGANA STATE DURING KHARIF 2019:

S. No.	Name Of the District	No. Of Crops	VIS Crops	Mandal/ Group Of Mandal/ District Made As Insurance Uni
1	Adilabad	5	1.Soyabean	2.Jowar 3.R.Gram 4.G.Gram 5.Blackgram
2	Kumarambheem	6	1.Rice	2. Jowar 3.Maize 4.G.Gram 5. R.Gram 6.Soyabean
3	Mancherial	2	1.Rice	2.R.Gram
4	Nirmal	7	1.Soyabean	2. Rice 3. Maize 4. R.Gram 5.G.Gram 6.Blackgram 7.Turmeric
5	Nizamabad	5	1.Rice	2. Maize 3.R.Gram 4.Soyabean 5.Turmeric
6	Jagtial	6	1.Rice	2. Maize 3. R.Gram 4. G.Gram 5.Soyabean 6.Turmeric
7	Peddapalli	2	1.Rice	2. Maize
8	Jayashankar	1	1.Rice	
9	Mulugu	2	1.Rice	2. Maize
10	Bhadradi	3	1.Rice	2. Maize 3.R.Gram
11	Mahabubabad	5	1.Rice	2. Maize 3.R.Gram 4.G.Gram

				5.Turmeric
12	Warangal(R)	4	1.Rice	2. Maize 3. Groundnut 4.Turmeric
13	Warangal(U)	2	1.Rice	2. Maize
14	Karimnagar	3	1.Rice	2. Maize 3.R.Gram
15	Rajanna	2	1.Rice	2. Maize
16	Kamareddy	6	1.Rice	2.Maize 3.R.Gram 4.G.Gram 5.Blackgram 6.Soyabean
17	Sangareddy	8	1.Rice	2.Jowar 3.Maize 4.R.Gram 5.G.Gram 6.Blackgram 7.Soyabean 8. Turmeric
18	Medak	5	1.Rice	2.Maize 3.R.Gram 4.G.Gram 5.Blackgram
19	Siddipet	3	1.Maize	2.Rice 3.R.Gram
20	Jangaon	4	1.Rice	2.Maize 3.R.Gram 4.G.Gram
21	Yadadri	4	1.Rice	2.Jowar 3.Maize 4.R.Gram
22	Medchal	2	1.Rice	2.Maize
23	Rangareddy	4	1.Maize	2.Rice 3.Jowar 4.R.Gram
24	Vikarabad	8	1.Maize	2.Rice 3.Jowar 4.R.Gram 5.G.Gram 6.Blackgram 7.Soyabean 8.Turmeric
25	Mahabubnagar	4	1.Maize	2. Rice 3. Jowar 4. R.Gram
26	Narayanpet	4	1.Rice	2.Jowar 3.Redgram 4.G.Gram
27	Gadwal	4	1.Rice	2.Maize 3.R.Gram 4.Groundnut
28	Wanaparthy	5	1.Rice	2.Jowar 3.Maize 4. R.Gram 5.Groundnut
29	Nagarkurnool	5	1.Maize	2.Rice 3.Jowar 4. R.Gram 5.Groundnut
30	Nalgonda	3	1.Rice	2.R.Gram 3.G.Gram
31	Suryapet	4	1.Rice	2.R.Gram 3.G.Gram 4.Groundnut
32	Khammam	4	1.Rice	2. Maize 3.R.Gram 4.G.Gram
Note: Except 22. Hyderabad (Non-Agriculture District)				

**CROPS NOTIFIED UNDER PRADHAN MANTRI FASAL BHEEMA YOJANA (PMFBY) IN
TELANGANA STATE FOR RABI 2019-20**

S. No.	Name of the District	No. of Crops	VIS Crops	Mandal/Group of Mandal/ District made as Insurance Unit
1	Adilabad	3	1.Bengalgram	2.Jowar 3.Maize
2	Asifabad	3	1.Jowar	2.Rice 3.Bengalgram
3	Mancherial	2	1.Rice	2. Maize
4	Nirmal	5	1.Maize	2. Rice 3. Jowar 4. Sesamum 5.Bengalgram
5	Nizamabad	5	1. Rice	2.Maize 3.Sesamum 4. Bengal5.Onion
6	Jagtial	6	1. Rice	2.Maize 3.Greengram 4.Blackgram 5. Groundnut 6.Sesamum
7	Peddapalli	2	1.Rice	2.Maize
8	Jayashankar	2	1.Rice	2.Maize
9	Mulugu	5	1.Rice	2.Maize 3. Green gram 4. Groundnut 5.Red Chilles
10	Bhadradi	5	1.Rice	2.Maize 3.Greengram 4.Groundnut 5.Red Chilles
11	Mahabubabad	6	1.Rice	2. Jowar3.Maize 4.Greengram 5.Groundnut 6.Red Chilles
12	Warangal(R)	4	1. Maize	2.Rice 3. Groundnut 4.Red Chilles
13	Warangal(U)	2	1.Rice	2.Maize
14	Karimnagar	3	1. Rice	2. Maize 3.Groundnut
15	Rajanna	2	1.Rice	2.Maize
16	Kamareddy	4	1.Rice	2. Jowar 3. Maize 4.Bengalgram
17	Sangareddy	5	1.Rice	2. Jowar 3. Maize 4.Bengalgram 5.Onion
18	Medak	5	1. Rice	2.Jowar 3. Maize 4.Bengalgram 5.Onio
19	Siddipet	5	1.Rice	2.Maize 3. Groundnut 4. Sunflower 5.Bengal
20	Jangaon	3	1.Rice	2.Maize 3.Groundnut

21	Yadadri	1	1.Rice	
22	Medchal/Malkajgiri	1	1. Rice	
23	Rangareddy	4	1. Rice	2. Maize 3.Groundnut 4.Bengalgram
24	Vikarabad	5	1. Rice	2.Jowar 3.Groundnut 4.Bengal 5.Onion
25	Mahabubnagar	2	1. Rice	2.Groundnut
26	Narayanpet	3	1. Rice	2.Jowar 3.Groundnut
27	Gadwal	5	1. Bengalgram	2. Rice 3. Jowar 4. Maize 5.Groundnut
28	Wanaparthy	4	1. Groundnut	2. Rice 3.Blackgram 4.Bengalgram
29	Nagarkurnool	2	1. Groundnut	2. Rice
30	Nalgonda	2	1. Rice	2. Groundnut
31	Suryapet	2	1. Rice	2. Groundnut
32	Khammam	4	1. Rice	2. Maize 3.Greengram 4.Groundnut

Note: Except 22. Hyderabad (Non-Agriculture District)

Coverage:

All farmers including share croppers and tenant farmers growing the notified crops in notified areas.

Compulsory Component:

All farmers availing seasonal Agriculture operation loans from financial institutions,Loanee farmers for the notified crops.

Voluntary Component:

Optional for Non loanee farmers.

Premium Subsidy:

Premium payable by farmers is 2% for Kharif crop, 1.5% for Rabi crop 5% for annual commercial and horticulture crop or actuarial premium rate, whichever is less.

Under PMFBY, the difference between premium payable by the farmer and actuarial rate will be shared equally by Central & State Governments towards premium subsidy.

Seasonality Discipline (Cut-off date):

The cut-off date for enrolment in the scheme and payment of premium by the loanee and non loanee farmers are as detailed below:

Kharif 2019: PMFBY	:	Paddy-August-31 st	
	:	Other crops-July 31 st	
RWBCIS	:	Cotton- July 15 th	
	:	Red Chilli- and Tomato-31 st August	
	:	Oilpalm-july-14 th	
	:	Sweet orange-August-9 th	
Rabi 2019-20:PMFBY	:	Paddy, jowar, blackgram, Sunflower, Green gram,	} :31-12-
		2019	
		groundnut, Red chillies, sesamum & onion	
	:	Maize	: 15-12-2019
	:	Bengal gram	: 30-11-2019
RWBCIS	:	Mango	: 31-12-2019
	:	Tomato	: 30-11-2019

Sum Insured:

The Sum Insured is equal to scale of finance of the insured crops for the loanee and non loanee farmers.

Following types of claims are payable under the scheme.

1. **Losses to standing crops-** It will be worked out based on crop cutting experiment data at the end of the season.
2. **Prevented sowing-** In case of sowing failure in more than 75% of area, claims are payable to the extent of 25% of sum insured and insurance coverage is terminated.
3. **On Account Payment-** If the crop failure is eminent due to mid season adversity, a portion of the expected claim will be paid in advance and balance claim will be paid at the end of season based on crop cutting experiments.

4. **Localised Risks**- Crop losses due to landslide, hailstorm inundation and natural fire due to lightening will be assessed for each effected insured individual farmer to determine the extent of damage and insurance will be provided.

5. **Post harvest losses**- The losses due to cyclone, cyclonic rains and unseasonal rains resulting in damage to the harvested crop lying in the field in 'Cut and spread' will be assessed for yield loss up to maximum period of two weeks (14 days) from harvesting for sole purpose of drying on individual basis.

Innovative technology will be used for prompt collection of yield data to enable prompt settlement of claims, such as smart phones.

Restructured Weather Based Crop Insurance Scheme (RWBCIS)

Restructured Weather Based Crop Insurance Scheme (RWBCIS) aims to mitigate the hardship of the insured farmers against the likelihood of financial loss on account of anticipated crop loss resulting from adverse weather conditions relating to rainfall, temperature, wind, humidity etc. RWBCIS uses weather parameters as "proxy" for crop yields in compensating the cultivators for demand crop losses. Pay out structures are developed to the extent of losses deemed to have been suffered using weather triggers.

Add-on coverage for crop loss due to Hailstorm damage for Mango crop during Rabi season under RWBCIS:

Add on cover for crop loss due to Hailstorm damage for Mango crop during Rabi season is notified which is optional for farmers and loss will be assessed on individual basis

Unified Package Insurance Scheme (UPIS):

This scheme is mandatory to farmers availing PMFBY and RWBCIS and is being implemented as detailed below:

UPIS is being implemented in one district as detailed below:

Cluster-II	Nizamabad
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The risk coverage sections under of UPIS Scheme-

- a) Crop Insurance
- b) Personal Accident Insurance
- c) Life Insurance
- d) Building and Contents Insurance (Fire & Allied Perils)
- e) Agriculture Pump-set Insurance (Up to 10 Horse Power)
- f) Student Safety Insurance
- g) Agricultural Tractor Insurance

Budget Allocation 2019-20: Vote on account

Under Crop Insurance an amount of Rs.22.4705 crores is allocated under General Component for the year 2019-20.

Under the scheme, the premium subsidy will be provided to the farmers who have insured the notified crops in the notified areas within the cut off dates. Hence the physical and financial district wise split up cannot be made.

SCP ACTION PLAN:

The following Crop Insurance schemes are under implementation in Telangana State from Kharif 2016 onwards.

1. PRADHAN MANTHRI FASAL BHIMA YOJANA (PMFBY)
2. RESTRUCTUREDWEATHER BASED CROP INSURANCE SCHEME (RWBCIS) SCHEME
3. UNIFIED PACKAGE INSURANCE SCHEME (UPIS)

The features of PMFBY are as follows.

Objectives:

- To provide insurance coverage and financial support to the farmers in the event of failure of any of the notified crop as a result of natural calamities, pests & diseases.
- To stabilize the income of farmers to ensure their continuance in farming.
- To encourage farmers to adopt innovative and modern agriculture practices.

- To ensure flow of credit to the agriculture sector.

Scheme is based on area approach and for major crop village/ Panchayat will be the unit of insurance and for other crops Mandal/ Group of Mandal/ District as unit of insurance. However, in case of localized losses and post harvest damages the yield losses to be assessed for each affected farmer.

The insurance scheme will be implemented in Telangana in (6) clusters as detailed below:

Cluster - I	Adilabad, Mancherial, Asifabad, Jayshanker, Siddipet and Mulugu
Cluster-II	Nirmal, Nizamabad, Kamareddy, Yadadri, Rangareddy
Cluster-III	Peddapalli, Karimnagar, Jagityal, Siricilla, Jangaon
Cluster-IV	Khammam, Nalgonda, Suryapet, Sangareddy, Medak.
Cluster-V	Bhadradri, Warangal (U), Warangal (R), Wanaparthy, Nagarkurnool
Cluster-VI	Medchal, Mahabubnagar, Jogulamba, Vikarabad, Mahabubnagar and Narayanpet

Crops Notified under PMFBY for Kharif and Rabi are as follows

Kharif crops:

1. Rice
2. Jowar
3. Maize
4. Green gram
5. Black gram
6. Red gram
7. Groundnut
8. Soyabean
9. Turmeric

Rabi crops:

1. Rice
2. Jowar
3. Maize
4. Green gram
5. Black gram
6. Groundnut
7. Sunflower
8. Bengal gram
9. Chillies and
10. Onion
11. Sesamum

Crops Notified under RWBCIS for Kharif and Rabi 2019-20 are as follows:

Kharif 2019:

RWBCIS crops are notified in the following districts in the state during Kharif 2018:

Cotton	All Districts (except Medchel)
Red Chilly	Khammam, Bhadradri, Warangal (R) & (U), Mahabubabad, Jayshanker, Suryapet, Jogulamba, Jagityal, Nirmal, Mancherial, Jangaon, Wananparthy, Nagarkurnool, Nalgonda, Mulugu.
Oil Palm	Khammam and Bhadradri
Sweet Orange	Nalgonda, Suryapet, Yadadri, JogulambaGadwalMahabubnagar, Naranyanpet
Tomato	Adilabad and Rangareddy

Rabi 2019-20:

Mango in all districts.

Tomato in Rangareddy and Adilabad.

Coverage:

All farmers including share croppers and tenant farmers growing the notified crops in notified areas.

Compulsory Component:

All farmers availing seasonal Agriculture operation loans from financial institutions, Loanee farmers for the notified crops.

Voluntary Component:

Optional for Non loanee farmers.

Premium Subsidy:

Crops	Season	Premium rates
Food grains and oilseeds	Kharif	2% of SI or actuarial rates
	Rabi	1.5% of SI or actuarial rates
Annual commercial and Horticulture crops	Kharif and Rabi	5% of SI or actuarial rates

Seasonality Discipline (Cut-off date):

The cut-off date for enrolment in the scheme and payment of premium by the loanee and non loanee farmers are as detailed below:

Kharif 2019: PMFBY	:	Paddy-August-31 st	
	:	Other crops-July 31 st	
RWBCIS	:	Cotton- July 15 th	
	:	Red Chilli- and Tomato-31 st August	
	:	Oilpalm-july-14 th	
	:	Sweet orange-August-9 th	
Rabi 2019-20:PMFBY	:	Paddy, jowar, blackgram, Sunflower, Green gram, 2019	} :31-12-
		groundnut, Red chillies, sesamum & onion	
	:	Maize	: 15-12-2019
	:	Bengal gram	: 30-11-2019
RWBCIS	:	Mango	: 31-12-2019
	:	Tomato	: 30-11-2019

Unified Package Insurance Scheme (UPIS):

This scheme is mandatory to farmers availing PMFBY and RWBCIS and is being implemented as detailed below:

UPIS is being implemented in one district as detailed below:

Cluster-II	Nizamabad
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The Scheme is mandatory for farmers enrolled in PMFBY and WBCIS. The farmer has to select at least Two sections out of the following six sections.

- a) Personal Accident Insurance
- b) Life Insurance
- c) Students safety Insurance

- d) Dwelling / House hold Insurance
- e) Agriculture Pump Set Insurance
- f) Tractor Insurance

Budget Allocation 2019-20: Vote on account

Under Crop Insurance an amount of Rs. 3.0066 crores is allocated for the year 2019-20.

Under the scheme, the premium subsidy will be provided to the farmers who have insured the notified crops in the notified areas within the cut off dates. Hence the physical and financial district wise split up cannot be made

TSP ACTION PLAN:

The following Crop Insurance schemes are under implementation in Telangana State from Kharif 2016 onwards.

1. PRADHAN MANTHRI FASAL BHIMA YOJANA (PMFBY)
2. RESTRUCTURED WEATHER BASED CROP INSURANCE SCHEME (RWBCIS) SCHEME
3. UNIFIED PACKAGE INSURANCE SCHEME (UPIS)

The features of PMFBY are as follows.

Objectives:

- To provide insurance coverage and financial support to the farmers in the event of failure of any of the notified crop as a result of natural calamities, pests & diseases.
- To stabilize the income of farmers to ensure their continuance in farming.
- To encourage farmers to adopt innovative and modern agriculture practices.
- To ensure flow of credit to the agriculture sector.

Scheme is based on area approach and for major crop village/ Panchayat will be the unit of insurance and for other crops Mandal/ Group of Mandal/ District as unit of insurance. However, in case of localized losses and post harvest damages the yield losses to be assessed for each affected farmer.

The insurance scheme will be implemented in Telangana in (6) clusters as detailed below:

Cluster - I	Adilabad, Mancherial, Asifabad, Jayshanker, Siddipet and Mulugu
Cluster-II	Nirmal, Nizamabad, Kamareddy, Yadadri, Rangareddy
Cluster-III	Peddapalli, Karimnagar, Jagityal, Siricilla, Jangaon
Cluster-IV	Khammam, Nalgonda, Suryapet, Sangareddy, Medak.
Cluster-V	Bhadradri, Warangal (U), Warangal (R), Wanaparthy, Nagarkurnool
Cluster-VI	Medchal, Mahabubnagar, Jogulamba, Vikarabad, Mahabubnagar and Narayanpet

Crops Notified under PMFBY for Kharif and Rabi are as follows

Kharif crops:

1. Rice
2. Jowar
3. Maize,
4. Green gram
5. Black gram
6. Red gram
7. Groundnut
8. Soyabean
9. Turmeric

Rabi crops:

1. Rice
2. Jowar
3. Maize
4. Green gram
5. Black gram
6. Groundnut
7. Sunflower
8. Bengal gram
9. Chillies and
10. Onion
11. Sesamum

Crops Notified under RWBCIS for Kharif and Rabi 2019-20 are as follows:

Kharif 2019:

RWBCIS crops are notified in the following districts in the state during Kharif 2018:

Cotton	All Districts (except Medchel)
Red Chilly	Khammam, Bhadradri, Warangal (R) & (U), Mahabubabad, Jayshanker, Suryapet, Jogulamba, Jagityal, Nirmal, Mancherial, Jangaon, Wananparthy, Nagarkurnool, Nalgonda, Mulugu.
Oil Palm	Khammam and Bhadradri
Sweet Orange	Nalgonda, Suryapet, Yadadri, Jogulamba, Gadwal, Mahabubnagar, Narayanpet
Tomato	Adilabad and Rangareddy

Rabi 2019-20:

Mango in all districts.

Tomato in Rangareddy and Adilabad.

Coverage:

All farmers including share croppers and tenant farmers growing the notified crops in notified areas.

Compulsory Component:

All farmers availing seasonal Agriculture operation loans from financial institutions, Loanee farmers for the notified crops.

Voluntary Component:

Optional for Non loanee farmers.

Premium Subsidy:

Crops	Season	Premium rates
Food grains and oilseeds	Kharif	2% of SI or actuarial rates
	Rabi	1.5% of SI or actuarial rates
Annual commercial and Horticulture crops	Kharif and Rabi	5% of SI or actuarial rates

Seasonality Discipline (Cut-off date):

The cut-off date for enrolment in the scheme and payment of premium by the loanee and non loanee farmers are as detailed below:

Kharif 2019: PMFBY : Paddy-August-31st
: Other crops-July 31st

RWBCIS : Cotton- July 15th
: Red Chilli- and Tomato-31st August
: Oilpalm-july-14th
: Sweet orange-August-9th

Rabi 2019-20:PMFBY	:	Paddy, jowar, blackgram, Sunflower, Green gram,	}	:31-12-
2019		groundnut, Red chillies, sesamum & onion		
	:	Maize		: 15-12-2019
	:	Bengal gram		: 30-11-2019
RWBCIS	:	Mango		: 31-12-2019
	:	Tomato		: 30-11-2019

Unified Package Insurance Scheme (UPIS):

This scheme is mandatory to farmers availing PMFBY and RWBCIS and is being implemented as detailed below:

UPIS is being implemented in one district as detailed below:

Cluster-II	Nizamabad
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The Scheme is mandatory for farmers enrolled in PMFBY and WBCIS. The farmer has to select at least Two sections out of the following six sections.

- a. Personal Accident Insurance
- b. Life Insurance
- c. Students safety Insurance
- d. Dwelling / House hold Insurance
- e. Agriculture Pump Set Insurance
- f. Tractor Insurance

Budget 2019-20: Vote on account

Under Crop Insurance an amount of Rs. 1.7670 crores is allocated for the year 2019-20.

Under the scheme, the premium subsidy will be provided to the farmers who have insured the notified crops in the notified areas within the cut off dates. Hence the physical and financial district wise split up cannot be made.

National Mission on Agriculture Extension & Training (NMAET)

A. Extension Reforms (ATMA) under Sub-Mission on Agriculture Extension(SMAE), NMAET under Umbrella Scheme “Krishonnati Yojana” during 2019-20

Extension Reforms (ATMA) scheme is in implementation in all the districts of Telangana with 60:40 central and state share.

OBJECTIVES OF THE PROGRAMME:

- To develop an efficient, effective, demand driven, research integrated and financially sustainable public extension system
- To revitalize the Agricultural technology Generation Assessment refinement and Dissemination Systems
- Reforming Public Sector Extension. Promoting private sector to effectively complement, supplement and wherever possible to substitute public extension.
- Augmenting Media and Information Technology Support for Extension.
- Mainstreaming Gender Concerns in Extension.
- Capacity Building/ Skill up-gradation of farmers and extension functionaries.
- Increase the Quality and Type of Technologies being disseminated by the Extension System.
- Strengthen Research-Extension-Farmer (R-E-F) Linkages

BENEFITS OF THE PROGRAMME:

- Well Integrated technology development and transfer system
- Decentralized decision-making
- Financially sustainable extension system
- Bottom-up Planning
- Increased Use of Information Technology
- Emphasis on In-Service Training
- Developing New Public-Private Partnerships
- Strengthening Key Institutions
- Broad based Extension Delivery

GUIDELINES OF THE PROGRAMME:

The scheme aims at making extension system farmer driven and farmer accountable by disseminating technology to farmers through new institutional arrangements viz. Agricultural Technology Management Agency(ATMA) at district level to operationalize the extension reforms on a participatory mode. The States have the responsibility of implementing the extension reforms at district level.

ATMA is a district level autonomous institution having membership of all key stakeholders involved in agricultural activities. It has the key responsibility of disseminating all technology activities at the district level. It has linkages with all the line departments, research organizations, non-governmental organizations and agencies associated with agricultural development in the district and farmer organizations. Research and extension units within the district, such as KVKs, ZRSs, Department of Agriculture, Horticulture, Animal Husbandry, Fisheries, Sericulture, Marketing, etc. are its constituent members.

ATMA is supported by a Governing Board (GB) and a Management Committee (MC). Block level Farm Information and Advisory Centers (FIACs) have been created which are operated by a Block Technology Team (BTT) of technical advisors and a Farmer Advisory Committee (FAC), a group exclusively of farmers. Commodity oriented Farmer Interest Groups (FIGs) are being promoted at block / village level to make the technology generation / dissemination farmer driven and farmer accountable. In order to provide needed HRD support in innovative areas of extension delivery, a State Agricultural Management and Extension Training Institute (SAMETI) has also been established in the project states.

Preparation of State Extension Work Plan (SEWP) :

All the ATMA districts have developed their District Action Plans comprising of Strategic plan, HRD plan and Budgetary requirements for the year 2019-20 as per the guidelines of the Sub Mission on Agricultural Extension. Budgetary proposals has been made keeping in view of cost norms, salaries for deputed functionary support working under ATMA at various levels for the year 2019-20.

The manpower status has been worked out for all the 32 (30 existing + 2 New districts) rural districts and at state level for placement of 458 posts with a budget requirement of Rs.2273.341 lakhs as there is every need for placement of Specialist & Functionary Support at State Level and District Level in every cadre due to reorganization of the districts in the state.

Therefore the State Extension Work Plan for the year 2019-20 has been developed over and above the allocation with an out lay of Rs.4199. 00 lakhs in view of the reorganization of the districts in the state.

The gist of the State Extension Work Plans (SEWP) developed under ATMA for year 2019-20 is as follows:

- Each district has developed their own department wise, activity wise strategic plan as well as Farmer's Training plan.
- The Strategic plan has been developed based on the district specific gaps identified in each crop and commodity, farmers problems identified, need based technologies required by the farmers for increasing the income levels.
- As per the ATMA Guidelines 2018, 25 WD trainings each extra allocations were included for aspirational districts Jayashankar Bhupalpalli, Kumurambheem Asifabad and Bhadradi Kothagudem districts.
- Due to reorganization of the districts in the state there is every need for placement of Specialist & Functionary Support at State Level and District Level in every cadre i.e PDs, DPDs, ATM, BTMs, Accountant cum clerk and computer programmers for effective and successful implementation of the ATMA scheme.
- The Farmers plan has been developed based on the training needs of the farmers.

Cafeteria of Activities: The Cafeteria includes cost norms and ceilings applicable for each activity. Under the Cafeteria, activities to be undertaken at State and District level are categorized separately. The state level activities include support for upgrading state level training institutions such as SAMETI,

HRD of extension functionaries, organization of state level Exhibitions and Monitoring and Evaluation of the Scheme.

The district level activities are further categorized in four groups namely, farmer oriented activities, farm information dissemination, research-extension-farmer (R-E-F) linkages and administrative expenses. **Farmer oriented activities** include development of SREP, mobilization of farmer groups, training/exposure visit of farmers, field demonstrations, all aimed at empowering the farmers and improving their participation in technology dissemination process. Under the category **farm information dissemination**, local level agricultural exhibitions, information dissemination through printed materials and development of technology packages in electronic form are covered. The **R-E-F linkages** based activities include organization of Farmer-Scientist Interaction at local level, organization of Field-days and Kisan Goshties and support for local level researchable issues emanated from the SREP. The **administrative expenses** under district level activities provide support for running ATMA and block level Farm Information and Advisory Centers. The sum total of all activities specified in the cafeteria is more than the funds likely to be available for State/district level activities. States will have to prioritize their proposed activities based on gaps identified in the SREP.

The Abstract of Budget Proposals in SEWP 2019-20 are as follows

- **The Sector wise Proposals in the plan are as follows**

(Rs. In Lakhs)

S.No.	Sector	Budget
1	Agriculture	865.85
2	Animal Husbandry	216.46
3	Horticulture	216.46
4	Sericulture	72.15
5	Fisheries	72.15
6	Admn. Expenses	320.95
7	Salary Component of working Strength and for the additional posts required	2167.43
8	State level activities (SNO & SAMETI)	267.55
Total		4199.00

- **Activity wise proposals in the plan are as follows**
(Rs. In Lakhs)

Activity	Target	
	Phy	Fin
Trainings	3966	395.006
Demos	5230	209.2
Expo Visits	981	130.775
Mobilization of farmers	1590	110.5
Farm Inf. Dissemination & Technology	634	362.26
Agriculture Technology Refinement	1406	75.006
Innovative and Farm schools	283	160.3284
State level activities (SNO, SAMETI)		267.55
Admn. Expenses &Salary		2488.375
Total	14090	4199.00

Monitoring and Evaluation:

Project activities at **district** level shall be monitored by the ATMA Governing Board at periodic intervals. At **State** level, the project shall be monitored through a mechanism similar to those existing in ATMA, i.e., an Inter Departmental Working Group (IDWG) functioning under Chairmanship of Principal Secretary (Agriculture) of the state. The monitoring mechanisms shall include quarterly reports, field inspections, workshops, etc. The Cafeteria specifically provides for third party Monitoring and Evaluation to be organized as a state level activity. The DAC will also organize concurrent Monitoring and Evaluation, including impact evaluation, as needed as part of its scheme "Extension Support to Central Institutions".

B. Sub Mission on Seed and Planting Material (SMSP)

During 2019-20, it is proposed for 7400 units of Seed Village Programmes and 200 units of Certified Seed Production through seed villages for both Kharif and Rabi 2019-20. For 2019-20 an amount of Rs.2555.88 Lakhs is proposed for the following interventions for implementation of SMSP under NMAET in Telangana State.

The Proposals for both Seed Village Programme and Certified Seed Production Through seed Villages for Kharif and Rabi 2019-20 is as follows

Intervention	Area in Ha	No.of Units	F/S Utilized qtls	No.of Farmers	Expenditure (Rs in lakhs)
Seed Village Programme Kharif 2019	45000	4500	27697.5	112500	1058.47
Certified Seed Production Kharif 2019	10200	170	3210	25500	313.69
Seed Village Programme Rabi 2019-20	27000	2700	24235	67500	1100.64
Certified Seed Production Rabi 2019-20	1800	30	1020	4500	83.08
Total	84000	7400	56162.5	210000	2555.88

Budget Estimates for the year 2019-20 : **Rs.6469.73 Lakhs**
Proposals for both SVP and CSP for 2019-20 is : **Rs.2555.88 Lakhs**
Pending budget to be released is : **Rs.3913.823 Lakhs**

C. National e- Governance Plan – Agriculture (NeGPA)

Introduction

The key activities to be undertaken in the centrally sponsored scheme NeGPA are:

- i) Procurement, distribution and installation of complete hardware
- ii) Hiring of manpower on contract basis
- iii) Setting up of State Project Monitoring Unit (SPMU)
- iv) Direct Internet Connectivity charges
- v) Provision of funds for the consumables at State, District and Mandal level
- vi) Organization of training for the State, District, Block, Mandal and village level employees

Hardware requirement at State level - Purchase of laptops

Detailed Description

I. Data Entry Operators

As per NeGP-A guidelines there is a provision for hiring of 2 Data Entry Operators at State Head Quarter. For hiring 2 DEOs @ 20000/- per month for one year as per the revised guidelines communicated an amount of Rs. 4.80 lakhs is proposed.

II. Consumables

As per NeGP-A norms consumables like printer cartridges etc., are proposed for 32 District Offices, 108 Block Offices @ Rs 10,500 and Rs.7,500 respectively for a period of three years.

III. SPMU Salaries

An amount of Rs. 10.8 lakhs is proposed for salaries of two State Project Monitoring Unit Consultants.

IV. Internet Connectivity

As per NeGP-A guidelines Rs. 92.32 lakhs is proposed for direct internet connectivity for field level functionaries @ 299/- per month for one year for 2573 Agriculture Extension Officers.

V. Purchase of Laptops

As per NeGP-A revised guidelines 3 Laptops are proposed for State Head Quarter and an amount of Rs. 2.1 lakhs is proposed.

VI. Contingency Fund

Contingency provisions @7.5 % of overall budget and an amount of Rs. 9.11 lakhs is proposed to meet unforeseen requirements.

Strengthening of IT infrastructure in Agriculture Department 2019-20 Implementation of e office in Office of Commissioner of Agriculture

Introduction:

It is proposed to establish e-office in State Head Quarters. On a pilot basis it is being implemented in Information Technology and the Farm Mechanization sections of the office of Commissioner of Agriculture. During this year it is planned to scale the implementation of e-office to different sections of the office of commissioner of Agriculture.

Implementation of e-office would enable paperless office with increased transparency, efficiency and accountability of the organization, handling of files with addition of more efficient electronic system which gives all the required information is available at a single point. File can be retrieved anytime

The basic requirement for implementing e-Office are availability of computers to the officers involved in putting up files, scanners, uninterrupted internet connectivity, digital signature certificate for officers and ministerial staff and NIC email ID.

In view of the requirements of the establishment of e-office in the office of Commissioner of Agriculture, under the State scheme **strengthening of IT infrastructure in Agriculture Department**, an amount of Rs. 492.6 lakhs is

proposed and the action plan for the current financial year 2019-20 is herewith submitted.

It is also proposed to establish a 35 seated IT lab in the office of Commissioner of Agriculture, TS. Government of India as well as State Government is developing various e-Governance applications and mobile apps for effective delivery of services to farmers. Hence in order to train officers from all districts on the developed applications keeping in view of the 32 districts in the state a 35 seat lab is proposed to be established for imparting training to officers.

Strengthening of IT Infrastructure in Agriculture Department

S.No	Item Name	No. Of Units	Amount (Rs.)
1	Digital signature	116	139200
2	Desktop Systems	92	4600000
3	UPS	92	460000
4	Scanners	33	1089000
5	LAN	1	10000000
6	printers	33	396000
7	Establishment of IT lab In Head office	1	12600000
8	Ease of Doing Business	1	1916452
9	Maa Bhoomi Maa Panta Portal payment	1	3020800
10	Tablet PCs	40	800000
11	Projector	1	50,000
12	e office trainings	116	23,200
13	Pendrives	116	58,000
14	Data Cards	10	10,000
15	Miscellaneous expenditure	1	50,00,000
16	Planning expenditure	1	5,00,000
17	Lease wise Back upline	1	12,00,000

	connectivity		
18	Xerox machines	10	50,00,000
19	Tabs for the Tech AOs and ADA (Trg) in 30 Dts.	120	24,00,000
Total		786	4,92,62,652

National Mission on Sustainable Agriculture (NMSA)

A. Rainfed Area Development (RAD)

1. Rainfed Area Development (RAD) is a component of National Mission for Sustainable Agriculture (NMSA)

2. Objectives:

- Increasing agricultural productivity of rainfed areas in a sustainable manner by adopting appropriate farming system based approaches.
- To minimize the adverse impact of possible crop failure due to drought, flood or un-even rainfall distribution through diversified and composite farming systems.
- Restoration of confidence in rainfed agriculture by creating sustained employment opportunities through improved on-farm technologies and cultivation practices.
- Enhancement of farmers' income and livelihood support for reduction of poverty in rainfed areas.

3. Benefits of the programme:

This will act as a catalyst to accomplish the ultimate objective of enhanced productivity, minimizing the risk of crop losses due to uncertainties of weather conditions, harnessing efficiency of resources, assuring food and livelihood /

income security at farm level and strengthen the farmers' capacity to adapt to climatic changes.

4. Brief guidelines for implementing RAD component under NMSA:

- RAD aims at promoting integrated farming system (IFS) with emphasis on multi-cropping, rotational cropping, inter-cropping, mixed-cropping practices with allied activities like horticulture, livestock, fishery, agro-forestry, apiculture etc. to enable farmers not only in maximizing the farm returns for sustaining livelihood, but also to mitigate the impacts of drought, flood or other extreme weather events.
- Depending on the type and extent of natural resources/assets/commodities already developed or supported, location-specific crops, fruits, vegetables, spices, flowers, feed & fodder, livestock, fisheries, apiculture, mushroom, medicinal & aromatic plantation and related income generating activities would be supported.
- Adoption of a cluster approach in a village or an area of not less than 100 Ha (contiguous or non-contiguous in difficult terrain with close proximity, in a village/ adjoining villages) may be preferred for injecting investments to utilize the potential of available/created common resources.
- Selected clusters will have soil analysis/soil health card as mandatory.
- Farmers would have the option to choose one or combination of farming systems suitable to the specific eco-system supported through local KVK, SAU, ICAR Centre, ICRISAT, ATMA etc., for maximizing agricultural productivity from the existing natural resource assets.
- Support to each farm family under RAD component will be restricted to a farm size of 2 Ha and financial assistance will be limited to Rs.1 lakh. However, storage/processing unit and/or construction of poly house etc., are excluded from these limits.

AREA OF OPERATION:

Implementation of the identified IFS activities is proposed to be undertaken in all the rainfed areas.

5. Component wise subsidy pattern:

Statement showing the Subsidy pattern under Rainfed Area Development (RAD) under National Mission for Sustainable Agriculture (NMSA)					
I. Integrated Farming Systems (Primary Component)					
S. No	Farming System	Unit	Subsidy pattern	Maximum Permissible limit	Items that can be extended
1	Horticulture based Farming systems	ha	50%	Rs. 25000/- per ha & restricted to 2 ha per beneficiary	Input cost includes land preparation, seeds, fertilizer/manure, plant nutrients, plant protection chemicals and herbicides etc.
2	Vegetable/Floriculture based farming system	ha	50%	Rs. 25000/- per ha & restricted to 2 ha per beneficiary	Input cost includes land preparation, seeds, fertilizer/manure, plant nutrients, plant protection chemicals and herbicides etc.
3	Livestock based (Milch animals- Cow/Buffalo)	ha	50%	Rs. 40,000/- per ha (including cost of animals with one year concentrated food) & restricted to 2 ha per beneficiary	2 milch animals+ 1 ha Cropping System. Input cost includes land preparation, seeds, fertilizer/manure, plant nutrients, plant protection chemicals and herbicides etc.

4	Livestock based Small Ruminants/Poultry	ha	50%	Rs. 25,000/- per ha (including cost of animals with one year concentrated food) & restricted to 2 ha per beneficiary	10 animals/50 birds +1 ha Cropping System. Input cost includes land preparation, seeds, fertilizer/manure, plant nutrients, plant protection chemicals and herbicides etc.
5	Silvi-pastoral based farming system	ha	50%	Rs. 15000/- per ha & restricted to 2 ha per beneficiary	Input cost includes land preparation, seeds, fertilizer/manure, plant nutrients, plant protection chemicals and herbicides etc.

II. Value addition and Resource Conservation

1	Shade net House A. Tubular Structure	Sqm	50%	Rs. 710/- per Sqm & restricted to 4000 Sqm per beneficiary	-
	B. Wooden Structure	Sqm	50%	Rs. 492/- per Sqm & restricted to 20 units per beneficiary	each unit not exceeding 200 Sqm.
	C. Bamboo structure	Sqm	50%	Rs. 360/- per Sqm & restricted to 20 units per beneficiary	each unit not exceeding 200 Sqm.
2	Apiculture	colony	40%	Rs. 800/colony of 8 frames and Rs. 800 per hive	Limited to 50 colonies/hive per beneficiary

3	Silage making	no.	100%	Rs. 1.25 lakh per farm family	Silo Pit of 2100-2500 cubic feet with Brick and cement Mortar; either below ground or above ground) with provision of Chaff Cutter and Weighing Balance
4	Vermi compost - Units A. Permanent structures	no.	50% to a limit of Rs. 125/- per cubic ft.	Rs. 50,000/- per unit	Construction of Vermicompost units
	B. HDPE vermi bed	no.	50% to a limit of Rs. 125/- per cubic ft.	Rs. 8,000/- per unit	Construction of Vermicompost units
5	Organic input production unit, green manuring	ha	50%	Rs. 2000/- per ha	Maximum permissible assistance shall be restricted to 2 ha per beneficiary for green manuring.
6	Post harvest & Storage structure	no.	50% of Capital cost	Rs. 4000/- per square meter of storage/processing unit	Maximum permissible assistance shall be restricted to Rs. 2.0 lakh per unit

7	Reclamation of Alkali soil	ha	50%	Rs. 25,000/- per ha & restricted to 2 ha per beneficiary
8	Reclamation of Acid Soil	ha	50%	Rs. 3,000/- per ha & restricted to 2 ha per beneficiary

6. Source of funding:

RAD component of NMSA is Centrally Assisted State Plan Scheme (CASP). The pattern of assistance at present is 60:40 (Central: State)

Area to be covered:

Proposed area for 2019-20 is 3575 ha and it has to be approved by GoI.

	B. HDPE vermi bed	no.	50% to a limit of Rs. 125/- per cubic ft.	Rs. 8,000/- per unit	Construction of Vermi compost units
5	Organic input production unit, green manuring	ha	50%	Rs. 2000/- per ha	Maximum permissible assistance shall be restricted to 2 ha per beneficiary for green manuring.
6	Post harvest & Storage structure	no.	50% of Capital cost	Rs. 4000/- per square meter of storage/ processing unit	Maximum permissible assistance shall be restricted to Rs. 2.0 lakh per unit

7	Reclamation of Alkali soil	ha	50%	Rs. 25,000/- per ha & restricted to 2 ha per beneficiary
8	Reclamation of Acid Soil	ha	50%	Rs. 3,000/- per ha & restricted to 2 ha per beneficiary

6. Source of funding:

RAD component of NMSA is Centrally Assisted State Plan Scheme (CASP). The pattern of assistance at present is 60:40 (Central: State)

Area to be covered:

Proposed area for 2019-20 is 3575 ha and it has to be approved by GoI.

B. Soil Health Management (SHM)

Components of the scheme:

Strengthening of existing Soil Testing Labs, Training & Demonstrations on Soil Health Management, Promotion and distribution of micronutrients, strengthening of existing Fertilizer Quality Control Labs (FQCLs) by State Govt., Setting up of new Fertilizer Quality Control Labs by State & Strengthening of existing BC Labs.

Objectives:

- a) To facilitate and promote Integrated Nutrient Management (INM) through judicious use of chemical fertilizers, including secondary and micro nutrients, in conjunction with organic manures and bio-fertilizers, for improving soil health and its productivity.
- b) To strengthen soil testing facilities and provide soil test based recommendations to farmers for improving soil fertility and economic return to farmers.
- c) To improve soil health through Sustainable Organic Farming.

- d) To facilitate and promote use of soil amendments for reclamation of alkaline soils for improving their fertility and crop productivity.
- e) To promote use of micro nutrients for improving efficiency of fertilizer use.
- f) To upgrade the skill and knowledge of technical personnel and farmers through training and exposure visits including demonstrations on farmers fields regarding conceptualization of Integrated Nutrient Management.
- g) To ensure quality control of fertilizers through strengthening of existing fertilizer quality control facility in FCO laboratories as well as Bio Pesticide Laboratories of the State for effective implementation of "Fertilizer Control Order".

Benefits of the programme:

- Judicious use of fertilizers based on Soil test results.
- Reduction in indiscriminate use of fertilizers results in reduced soil ill effects.
- Reduction in cost on fertilizers decreases the total cost of cultivation there by improves the profit margin to farmers.

Guidelines for implementation of Soil Health Management scheme:

- SHM will aim at promoting location as well as crop specific sustainable soil health management including residue management, organic farming practices by way of creating and linking soil fertility maps with macro-micro nutrient management, appropriate land use based on land capability, judicious application of fertilizers and minimizing the soil erosion.
- The various components are setting up new STLs and MSTLs, strengthening of existing State STLs, capacity building through trainings,

creation of data-bank for balanced use of fertilizers, which is site specific, preparation of digital district soil maps, promotion and distribution of micronutrients, strengthening and setting up of Fertilizer Quality Control Laboratories and reclamation of Alkaline / Saline soils / Acidic soils.

- At State level, process of implementation will be monitored by State Standing Technical Committee (SSTC) and State Mission for Sustainable Agriculture (SMSA)/State Level Committee (SLC).
- States will ensure submission of detailed Quarterly Progress Reports (QPR) by 10th of first month of next quarter. Similarly, detailed Annual Progress Report (APR) should be sent to Department of Agriculture & Cooperation, Ministry of Agriculture within three months, after closure of financial year.
- At field or village level, Panchayats will be involved in overseeing day to day process of implementation.
- At district level, monitoring will be undertaken by Joint Director/Deputy Director Agriculture in collaboration with respective Zilla / Panchayat Raj Institutions.

Subsidy pattern:

Sharing Pattern is 60:40 (Central & State Share)

Budget Source:

Centrally Assisted State Plan Scheme of National Mission for Sustainable Agriculture

Action Plan for the year 2019-20 (Soil Health Management scheme) is as follows:

(Rs. in Lakhs)

S.No	Components	Physical	Financial
1	Strengthening of existing Soil Testing Laboratories (No.) @ 40.00 lakhs per lab	11	440.00
2	Strengthening of (Fertilizer Quality Control Lab) FQCL (No.) @ 30.00 lakhs per lab	3	90.00
Total			530.00

C. Soil Health Card (SHC)

The main components of the scheme is to issue Soil Health Cards, Demonstration and training on application of soil test based recommendations, Promotion of Nutrient Management Practices and identify soil fertility related constraints and develop need based fertilizer management strategy.

Objectives:

- To issue soil health cards to all farmers of the State, so as to provide a basis to include nutrient deficiencies in fertilization practices.
- To strengthen soil testing facilities and provide soiltest based recommendations to farmers for improving soil fertility and economic return to farmers.
- To develop crops specific nutrient management in the districts for enhancing nutrient use efficiency.
- To facilitate and promote use of soil amendments for reclamation of alkaline soils for improving their fertility and crop productivity.
- To promote use of micro nutrients for improving efficiency of fertilizer use.

Benefits of the programme:

- It will promote balanced and judicious use of plant nutrients.

- Promotion of integrated nutrient system is expected to reduce the consumption of chemical fertilizers by 20%.
- The productivity of selected crops is expected to increase about 20%.
- The demand for organic sources of plant nutrient like bio-fertilizers, organic manure, vermi-compost, slow release nitrogenous fertilizer like Neem/sulphur coated urea will increase, which in turn improve the soil fertility as well nutrient use efficiency.

Guidelines:

- In irrigated area one sample at 2.5 ha grid for marginal and small holdings, one sample each holding for semi-medium, medium & large holdings. In rainfed area one sample at 10 ha grid for marginal, small, semi-medium & medium holdings, one sample each holding for large holding.
- Soil samples should be processed following standard procedures and analyzed for various parameters namely pH, electrical conductivity (EC), organic carbon (OC), and available P, K, S and micronutrients.
- Soil health card is field-specific detailed report of soil fertility status and other important soil parameters that affect crop productivity. Besides, soil health, it also provides an advisory on soil test based use of fertilizers and amendments.
- Soil Health Card contains the details of Soil Fertility, dosage of fertilizer application in crops, soil amendments for saline or alkaline soil and recommendation on integrated nutrient management.

Subsidy pattern:

Sharing Pattern is 60:40 (Central & State Share)

Budget Source:

Centrally Assisted State Plan Scheme of National Mission for Sustainable Agriculture

Action Plan for the year 2019-20:

Government of India has instructed to implement Soil Health Card Scheme of NMSA as Pilot Project for the financial year 2019-20 emphasizing on

3. Collection of Soil samples from each farm holding on pilot basis in the selected village @ one per mandal and distribute Soil Health Cards to all the holdings.
4. Organize demonstrations for SHC recommendations in the entire selected one village during kharif 2019.

Accordingly, the DAOs have identified the villages and submitted the District Action plan for the year 2019-20 for the total no.of Soil Samples to be collected based on the total no.of farm holdings under the Pilot Project.

The District Action plan was consolidated and the State Annual Action Plan is prepared. The total no. of soil samples to be collected, analyzed & the total No. of soil health cards to be issued to the farmers during 2019-20 under Pilot project is 1.10 lakhs and the financial outlay is Rs. 3160.56 lakhs. (60:40 Central & State share). This outlay includes collection and analysis of soil samples, training of Technical staff, financial assistance for micronutrients and soil ameliorants, capacity building, ICT & Mission Management.

Rastriya Krishi Vikas Yojana (RKVY-RAFTAAR)

Introduction:

Rashtriya Krishi Vikas Yojana was initiated in 2007 as an umbrella scheme for ensuring holistic development of agriculture and allied sectors by allowing states to choose their own agriculture and allied sector development activities as per the district/state agriculture plan.

During 2017, the RKVY guidelines have been revamped as RKVY – RAFTAAR - **Remunerative Approaches for Agriculture and Allied sector Rejuvenation** to enhance efficiency, efficacy and inclusiveness of the programme for the remaining period of the Fourteenth Finance Commission with 60:40 funding ratio between Central & State Govt. The programme is implemented from 2017-2020 for the following streams:

- **Regular RKVY-RAFTAAR –70%** – Includes Infrastructure and assets-

50%, Value addition – 30% & Flexi funds- 20%

- **Special sub-schemes – 20%**
- **Innovation and agri-entrepreneur development - 10%**

Govt. of India Budget Allocations for 2019-20:

The Govt. of India has allocated an amount of Rs.259.77 Crores 60% as Central share and requested the State Government to contribute the matching State share 40% amounting to Rs.173.18 Crstotalling to an amount of Rs.432.95 Crores.

The above said allocation to RKVY-RAFTAAR has been broadly classified under the funding Pattern 60:40 Ratio and the category wise details are as shown below:

(Rs. in Crores)

Category wise	Govt. of India Allocation		
	Central Share(60%)	State Share(40%)	Total
General (58.62%)	149.14	99.427	248.57
SCP (25.10%)	67.26	44.840	112.10
TSP (16.28%)	43.37	28.913	72.28
Total	259.77	173.18	432.95

As per the minutes of the pre SLSC meeting held on 08.04.2019 at New Delhi, the Govt. of India has supported the projects of Agriculture and Allied sectors amounting to Rs.437.32 crores only and the same was approved/sanctioned by the chief secretary/Chairman SLSC during the SLSC meeting held on 09.05.2019 with the sector wise final approval as shown below:

Rs. in Crores

S. No.	Department/Sector Name	No. of Projects proposed	Amount Proposed	No. of Projects approved	Amount approved by SLSC
1	Agriculture	15	198.506	15	198.51
2	Horticulture &	9	46.999	9	37.59

	Sericulture				
3	Animal Husbandry	9	115.359	9	114.18
4	Fisheries	2	8.881	1	2.00
5	Dairy Development	2	16.25	2	16.25
6	PJTS Agricultural University	1	10.04	1	10.04
7	SKLTS Horticultural University	17	22.923	14	21.70
8	PVNRT Veterinary University	2	11.7	2	11.70
9	TSSOCA	8	12.165	2	1.10
10	TSSDCL	3	57.492	1	2.89
11	Telangana CC & RCS Department	1	12.6	1	12.60
Total		69	512.915	57	428.56
2% Admin Cost			10.26		8.76
Grand Total		138	523.175	57	437.32

Agriculture Department Projects Approved by SLSC for 2019-20:

SNo.	Name of the Section/ Department	Proposed Projects		Approved	
		No.	Amount	No.	Amount
i	Seed	2	31.564	2	31.564
ii	Farm Mechanization	6	150.000	6	150.000
iii	Plant Protection	3	8.601	3	8.601
iv	Fertilizer Control Lab	1	1.020	1	1.020
v	Seed Testing Labs	2	1.299	2	1.299
vi	Biological Control Lab	1	6.022	1	6.022
Total		15	198.506	15	198.506

National Food Security Mission (NFSM)

- The National Food Security Mission (NFSM), is being continued during 2019-20 with some changes in components, interventions, and pattern of assistance.
- In the Telangana State, the 'National Food Security Mission' has 8 components viz., (i) NFSM- Rice; (ii) NFSM-Pulses; (iii) NFSM-Coarse Cereals; (iv) NFSM-Nutricereals; (v) NFSM- Commercial crops (Cotton); (vi) NFSM-Commercial Crops (Sugarcane) and (vii) NFSM- Spl. Action Plan under Pulses; and (viii) NFSM- Intercropping of Pulses with Sugarcane.

Districts covered under each Component:

NFSM-Rice 17 districts-

- Adilabad, Asifabad, Mancherila, Nirmal, Mahabubnagar, Narayanpet, Wanaparthy, Gadwal, Nagarkurnool, Warangal (Rural), Warangal (Urban), Bhupalpally, Mulugu, Jangaon, Mahabubabad, Khammam, Kothagudem

NFSM-Pulses 31 districts

- Adilabad, Asifabad, Mancherila, Nirmal, Mahabubnagar, Narayanpet, Wanaparthy, Gadwal, Nagarkurnool, Warangal (Rural), Warangal (Urban), Bhupalpally, Mulugu, Jangaon, Mahabubabad, Khammam, Kothagudem, Nizamabad, Kamareddy, Karimnagar, Jagityal, Pedpally, Sircilla, Medak, Sangareddy, Siddipet, Rangareddy, Vikarabad, Nalgonda, suryapet, Yadadri

- **NFSM- Spl. Action Plan Under Pulses 6 districts**

Warangal (Rural), Warangal (Urban), Wanaparthy, Gadwal, Medak, Nalgonda

NFSM-Coarse cereals 17 districts

- Mahabubnagar, Wanaparthy, Gadwal, Nagarkurnool, Warangal (Rural), Warangal (Urban), Bhupalpally, Mulugu, Jangaon, Mahabubabad, Karimnagar, Jagityal, Pedpally, Sircilla, Medak, Sangareddy, Siddipet.

- **NFSM-Nutri Cereals 14 districts**

Adilabad, Asifabad, **Mancheriyal**,Nirmal, Mahabubnagar, Narayanpet, Wanaparthy, Gadwal, Nagarkurnool, Medak, Sangareddy, Siddipet, Ranga Reddy, Vikarabad

- **NFSM-Cotton 23 districts**

- Adilabad, Asifabad, Mancherila, Nirmal, Mahabubnagar, Wanaparthy, Gadwal, Nagarkurnool, Warangal (Rural), Warangal (Urban), Bhupalpally, Mulugu, Jangaon, Mahabubabad, Khammam, Kothagudem, Karimnagar, Jagityal, Pedpally, Sircilla, Nalgonda, suryapet, Yadadri

- **NFSM-Sugarcane &S.Cane intercropping with Pulses 4 districts**

- Khammam, Kamareddy, Medak, and Sanga Reddy.

Objectives:

- Increasing production of rice, pulses, and coarse cereals through area expansion and productivity enhancement in a sustainable manner in the identified districts of the State.
- Restoring soil fertility and Productivity at the individual farm level.
- Enhancing farm level economy to restore confidence among the farmers.

Strategy:

The Mission adopted the following strategies:

- Focus on low productivity and high potential districts including cultivation of food grain crops in rain fed areas.
- Implementation of cropping system centric interventions in a Mission mode approach through active engagement of all the stakeholders at various levels.
- Agro-climatic zone wise planning and cluster approach for crop productivity enhancement.

- Focus on pulse production through utilization of rice fallow, rice bunds and intercropping of pulses with coarse cereals, oilseeds and commercial crops (sugarcane, cotton, jute).
- Promotion and extension of improved technologies i.e., seed, integrated nutrient management (INM) including micronutrients, soil amendments, integrated pest management (IPM), input use efficiency and resource conservation technologies along with capacity building of the farmers/extension functionaries.
- Close monitoring of flow of funds to ensure timely reach of interventions to the target beneficiaries.
- Integration of various proposed interventions and targets with the district plan of each identified district.
- Constant monitoring and concurrent evaluation by the implementing agencies for assessing the impact of the interventions for a result oriented approach.

**Statement showing the Allocation of funds for the year 2019-20 under
NFSM**

(Amount in

lakhs)

S.No.	Crop	GoI Share	State Share	Total
1	NFSM-Rice	694.723	463.148	1157.871
2	NFSM-Pulses	-	-	-
	a) NFSM-Pulses without PMT	1589.070	1059.379	2648.449
	b) PMT	90.900	60.600	151.500
	c) Total NFSM Pulses (with PMT)	1679.969	1119.980	2799.949
3	NFSM-Coarse Cereals (for maize and barley	401.712	267.808	669.520
4	NFSM-Nutri cereals (for jowar, bajra, ragi,	191.763	127.842	319.605
	Sub Total	2968.167	1978.778	4946.945
5	NFSM-Commercial crops (Cotton and	97.932	65.288	163.22
6	NFSM-Inter cropping of sugarcane with	2.234	1.489	3.724
7	Special action plan pulses	196.592	131.061	327.653
	Total	3264.93	2176.61	5441.54

Interventions:

- I. Distribution of certified seed under rice, pulses, coarse cereals & nutri cereals
- II. Transfer of Technology through cluster demonstrations
- III. Distribution of production inputs (gypsum, zinc, Plant protection chemicals etc)
- IV. Production of certified seed of pulses & Supply of minikits.
- V. Supply of farm implements, water carrying pipes, sprinklers, mini dal mills, processing units under nutri cereals, mini rice mills.

Funding pattern: 2007-08 to 2014-15 :100:0 (Central : State) & 2015-16 to 2019-20 :60:40 (Central : State)

Salient achievements during FY 2019-20:

Following interventions were played vital role in increasing production of food grains and commercial crops through area expansion.

Progress Report Under NFSM As on 31.03.2020					
	Interventions	Target		Acheivement	
		Phy	Fin (Rs. In lakhs)	Phy	Fin (Rs. In lakhs)
1	Demonstrations(Cluster & inter cropping@Rs.9000/ha,CSBD@Rs.15000/ha.)	24338	2054.15	2182 8	889.85
2	Seed Production(Rs.5000/Qtl for pulses& Rs.3000/Qtl for Nutricereals)	9987	468.09	7602	380.08
3	Seed Distribution(Rs.10000/qtl for hybrid,Rs.3000/qtl for <10 years & Rs.1500/qtl for >10 years)	27049	922.71	9439	192.814
4	Integrated Nutrient Management (INM)Znso4 @ Rs.500/ha, Gypsum @Rs.750/ha, Biofertilizers @ Rs.300/ha)	70899	350.05	2693 5	126.87
5	Integrated Pest Management (IPM) (PP chemicals Rs.500/ha,	82819	414.10	3060 5	129.07

	weedicides@Rs.500/ha , Biopesticides@Rs.500/ha)				
6	Farm Mechanization(Rotovators,seeddrills,multicro pthreshers,powerweeders,powertillers,spray ers&ppequipments)	3074	459.11	0	0.00
7	Water Application Tools(sprinklers@21901/ha,WCP@rs.15000/ farmer,pumpsets@Rs.10000/unit)	78292	247.71	0	0.00
8	CSBD Trainings(Rs.14000/training)	180	26.50	90	12.6
9	Project Management Team (PMT)@rs.14.5 lakhs/district &Rs.21 lakhs at State level	10	151.50	12	77.61
10	Local & other Initiatives(Mini rice mills,dhal mills@Rs.1.5 lakh/unit,acoustics@rs.9500/unit,cotton shre dders@rs.75000/unit,millet processing unit@rs.10 lakh/unit)	3355	332.72	107	8.54
11	Events / Workshops(road shows@rs.10000,district level festivals@50000,state level work shop @Rs.400000/-	31	14.93	2	0.20
	Grand Total	300034	5441.54	9661 9	1817.63

- **Supply of minikits**(100% subsidy)-13500 no.ofminikits of Bengal gram variety NBeG-47 & NBeG-49 were distributed to farmers through National seed corporation (NSC).

NFSM Oilseeds and Oilpalm Scheme (NMOOP)

Pattern of Allocation of Funds & Committed Expenditure for NFSM (Oilseeds & Oilpalm) for the year 2018-19

(Rs. in akhs)

S.No	Programme	Allocation Budget	Committed Expenditure
NFSM-OILSEEDS			
1	Seed Component (30%)	292.80	95.42
2	TOT Programme (27%)	270.00	92.06
3	Production Inputs (30%)	300.00	121.28
4	Flexi Funds (10%)	100.00	39.32
5	Project Management Expenses (3%)	30.00	6.99
	Total	992.80	355.07
NFSM-OILPALM			
1	Planting Material (70%)	461.80	250.11
2	Other Interventions (20)	133.48	0.96
3	Project Management Expenses (10%)	71.38	0.00
	Total	666.66	251.07
Grand Total		1659.46	606.14

Status:

State Government has released an amount of Rs. 551.44 lakhs for implementation of NFSM (OS & OP) on 7th & 11th March -2019. Out of Rs. 551.44 lakhs Rs.189.56 lakhs has been released to Horticulture department for implementation of Oil palm, the remaining amount of Rs.361.884 lakhs has been released to DAOs for implementation of Oil seeds in the state but bills are not passed due to freezing of Budget.

Annual Action Plan for the year 2019-20:

S. No	Programmes	Implementing Department	Central Share	State Share	Total
1	NFSM-Oilseeds	Agriculture	99.00	66.00	165.00
2	NFSM- Oil palm	Horticulture	480.00	320.00	800.00
Total			579.00	386.00	965.00

- GOI has been requested to revise the AAP to the tune of Rs 802.73 lakhs under NFSM Oilseeds during the year 2019-20 and allocation letter is awaited from GoI.
- AAP of NFSM Oilpalm FY 2019-20 to the tune of Rs.800 lakhs is prepared and submitted by the Director of Horticulture and the same has been submitted to GoI.
- State Government has released Budget Release Order (BRO) and Administrative sanction orders and DT authorization has been obtained for Rs.176.94 lakhs under Central share and Rs.117.95 lakhs under State share totaling to Rs.294.89 lakhs.
- The drawl of the above budget of Rs.294.89 lakhs to PD Account No. 290 of Director, SAMETI is under process.

Crop / Variety-wise allotment of Seed Minikits of Oilseed Crops for 2018-19

Season	Crops	Total Minikits seed minikit (Latest variety / Hybrids less than 10 years old)			Area coverage target 2018-19 (in ha)	No of Minikits supplied
		Variety	Year of Release	No of Minikits		
Kharif	Soyabean	DSB-21	2014	2000	512	Not supplied
		ASB-22 (Basara)	2014		512	Not supplied

	Groundnut	Dharani	2013	5000	533	3790
		Harithandhra	2010	750	133	447
		Total		7750		4237
Rabi	Groundnut	Dharani	2013	4500	533	4500
	Safflower	PBNS-40	2007	-	200	-
		Total		4500		4500
Summer	Groundnut	Dharani	2013	675	90	675
		K-9	2009	340	45	340
		Total		1015		1015

Groundnut Minikit size @ 20kg

Soyabean Minikit size @ 8Kg

Rainfed Area development (RAD) component of National Mission for Sustainable Agriculture (NMSA)

Introduction:

Rainfed Area Development (RAD) aims at promoting integrated farming system(IFS) with allied activities like horticulture, livestock, fishery, agroforestry, apicultureetc. to enable farmers not only in maximizing the farm returns for sustaining livelihood, but also to mitigate the impacts of drought, flood or other extreme weather events.

Objectives:

- a) To make agriculture more productive, sustainable, remunerativeby promoting location specific Integrated/Composite Farming Systems.
- b) to sustain livelihood of farmer through alternate means of income in case of crop failure in the wake of extreme climatic events

Activities:

I. **Integrated Farming Systems:** Livestock based farming system (Milch animals, Small ruminants/ Poultry), Horticulture based Farming systems are being implemented.

II. **Value addition and Farm Development activities:** Silage unit, Shade net house, Post harvest & Storage, Apiculture, Vermi Compost (HDPE & Permanent structure) etc., are being implemented.

During 2019-20, GOI has approved annual action plan for Rs.16.67 crores for Telangana State.

CHAPTER-11

INFORMATION AVAILABLE IN ELECTRONIC FORM

(section 4(1) (b) (xiv)]

I, Please provide the details of information related to the various schemes of the department which are available in electronic formats (CD, VCD, Website).

Electronic Format	Description (site address/ location where available etc)	Contents or title	Designation and address of the custodian of information (held by whom?)
CD's		Action plan of Department of Agriculture 2019-20	DDA (Plg) O/o. C&Da TS Hyderabad
	www.agri.telangna.gov.in	Department of Agriculture Programmes and schemes	C &DA TS. Hyderabad

CHAPTER-12

PARTICULARS OF FACILITIES AVAILABLE TO CITIZENS FOR OBTAINING INFORMATION

[Section 4 (1) (xv)]

Particulars of information dissemination mechanisms in place/ facilities available to the public for accessing of information.

Facility	Description (Location of Facility /Name etc)	Details of information made available
Notice Board	The information pertaining to programmes implemented will be displayed on the black boards in the village Panchayat Office.	
News paper Report	News related to different Departmental Programmes & Forecast of weather, Pest & Diseases etc is published in News papers	
Public Announcement	Information pertaining to various Departmental Programmes, activities is being Broadcasted/ Telecasted through A.I.R. Doordarshan & other TV Cahhels. Village at the time of meetings and seed distribution etc	
Publications	Padipantalu monthly magazine	
Office Library	Several books on different subjects are available at the library with Director SAMETI and also ADA (Information cell	
Websites	www.agri.telangana.gov.in vyavasayam.telangana.gov.in	

CHAPTER-13

Names, Designation other Particulars of Public information Officers

[(section 4 (1) (b) (xvi)]

Details of APIOs,PIOs & Appellate Authorities – Department of Agriculture

APPELLATE AUTHORITY: COMMISSIONER & DIRECTOR OF AGRICULTURE

O/o. Commissioner and Director of Agriculture, Telangana State, Opp. LB Stadium Hyderabad 500001.

SN	Office Address	APIO	PIO	Email.ID	Mobile No
1	O/o Commissioner & Director of agriculture	Appellate Authorities	Addl.II	kavetivijayakumar@gmail.com	7288894003
2	O/o Commissioner & Director of agriculture	Technical	Deputy Director of Agriculture (Seeds)	seedcelltelangana@gmail.com	728894806
3	O/o Commissioner & Director of agriculture	Administrative Officer For Administration	Deputy Director of Agriculture (Admin)		7288994448
4	O/o Commissioner & Director of agriculture	Technical	ADA(Extn)	tgagextn@gmail.com	7288894818

5	O/o Commissioner & Director of agriculture	Administrative Officer	Administve officer	ksaiindira@gmail.com	7288894821
6	O/o Commissioner & Director of agriculture	Agricultural Officer	AO(RTI)	rtits2020@gmail.com	8897788661
7	O/o Commissioner & Director of agriculture	Technical&Administration	Superintendent	rtits2020@gmail.com	7288894891
8	O/o Commissioner & Director of agriculture	Technical&Administration	Sr.Assistant	rtits2020@gmail.com	9000864721

**District-Wise Details of APIO,PIO,&APPELLATE AUTHORITIES-
Department Of Agriculture**

ADILABAD

APPELLATE AUTHORITY: DISTRICT AGRICULTURE OFFICER: ADILABAD DIST.

O/o. District Agriculture Office, Adilabad dist

Ph. 7238889400.

SN	Office Address	APIO	PIO	Email.ID	Mobile No
1	O/o. District Agriculture Office, Adilabad. 504001.	Agriculture Officer	Assistant Director of Agriculture	daoadilabad@gmail.com	7288894003
2	O/o. DDA (FTC & ATMA) Adilabad	Assistant Director of Agriculture	Deputy Director of Agriculture	madikondasrinadh@gmail.com	8247788926
3	O/o. ADA	Agriculture Officer	Assistant	adilabadstl	965237515

	(STL) Adilabad		Director of Agriculture r	@gmail.com	0
4	O/o. Assistant Director of Agriculture (R) Adilabad	Mandal Agricluture Officer Adilabad (Urban)	Assistant Director of Agriculture (R)	adaradilaba d@gmail.co m	728889401 0
5		Mandal Agricluture Officer Adilabad (Rural)			
6		Mandal Agricluture Officer, Mavala			
7		Mandal Agricluture Officer, Jainth			
8		Mandal Agricluture Officer, Bela			
9		Mandal Agricluture Officer,Gadiguda			
10		Mandal Agricluture Officer, Narnoor			
11	O/o.Asst, Director of Agriculture (R) Echoda	Mandal Agricluture Officer, Echoda	Asst. Director of Agriculture (R)	Adichoda99 @gmail.com	728889401 11
12		Mandal Agricluture Officer, Gudihathnoor			
13		Mandal Agricluture Officer,Indervelly			
14		Mandal Agricluture Officer, Utnoor			
15		Mandal Agricluture Officer, Sirikonda			
16		Mandal Agricluture Officer, Bheempur			
17		Mandal Agricluture Officer, Talamadugu			
18	Mandal Agricluture Officer, Tamsi				

19	O/o.Asst.	Mandal Agriculure Officer, Boath	Assistant		
20	Director of Agriculture	Mandal Agriculure Officer, Bazarhathnoor	Director of Agriculture	Adaboath1 @gmail.com	728889401 2
21	(R) Boath	Mandal Agriculure Officer, Naredigonda	(R)		

KUMARABHEEM ASIFABAD

APPELLATE AUTHORITY: DISTRICT AGRICULTURE OFFICER

O/o. District Agricultulre Officer, ICICI Bank building 1st floor,court Chowrasta,
504293. Mobiel No. 7288894022

Email.ID: daokumrambheem@gmail.com

SN	Office Address	APIO	PIO	Email.ID	Mobile No
1	O/o. District Agriculture Office, Kumrambh eem Asifabad 504293.	Agriculture Officer	District Agriculture Officer, O/o. DAO KB Asifabad	daokurambh eem@gmai l.com	722888940 22
2	O/o. Assistant Director of Agriculture ® Asifabad 504293	Mandal Agriculture Officer, Asifabad Mandal Agriculture Officer, Rebbena Mandal Agriculture Officer, Tiryani Mandal Agriculture	Assistant Director of agriculture ® Asifabad	adaasifabad @gmail.com	728889407 4

		Officer, Wankidi			
3	O/o. Assistant Director of Agriculture ® Kaghaznagar, 504296	Mandal Agriculture Officer, Asifabad Mandal Agriculture Officer, Rebbena Mandal Agriculture Officer, Tiryani Mandal Agriculture Officer, Wankidi	Assistant Director of agriculture ® Kaghaznagar	Adakaghaznagar19@gmail.com	728889402 2
4	O/o. Assistant Director of Agriculture ® Penchikalpet 504299	Mandal Agriculture Officer, Penchikalpet Mandal Agriculture Officer, Bejjur Mandal Agriculture Officer, Dahegaon Mandal Agriculture Officer, Chintlamanepalli	Assistant Director of Agriculture, Penchikalpet	ranaagrigo@gmail.com	728889407 1
5	O/o. Assistant Director of Agriculture ® Sirpur-U 504313./	Mandal Agriculture Officer, Sirpur-U Mandal Agriculture Officer, Jainor Mandal Agriculture	Assistant Director of Agriculture, Penchikalpet	adarsirpuru@gmail.com	728889402 3

		Officer, Lingapur			
		Mandal Agriculture Officer, Kermeri			

BHADRADRI KOTHAGUDEM

APPELLATE AUTHORITY: DISTRICT AGRICULTURE OFFICER

O/o. District Agriculture Officer, Bhadradi Kothagudem

Mobiel No. 7288894268 Email.ID: daobhadradri2020@gmail.com

SN	Office Address	APIO	PIO	Email.ID	Mobile No
1	O/o. District Agricultural Officer, Bhadradi Kothagudem	Assistant Director of Agriculture (Tech) Bhadradi Kothagudem O/o. DAO Bhadradi Kothagudem	District Agricultural Officer	Daobhadradri2020@gmail.com	7288894268
2	O/o. Assistant Director of Agriculture (R) Kothagudem	Mandal Agriculture Officer Kothagudem	Assistant Director of Agriculture (R) Kothagudem	karunasri9@gmail.com	7288894212
		Mandal Agriculture Officer, chunchupalli			
		Mandal Agriculture Officer, Sujathanagar			
		Mandal Agriculture Officer, Julurpad			
		Mandal Agriculture Officer, Laxmidevipalli			

		Mandal Agriculture Officer, Palvoncha			
		Mandal Agriculture STL Officer, Kothagudem			
3	O/o. Assistant Director of Agriculture (R) Manguru	Mandal Agriculture Officer Manuguru	Assistant Director of Agriculture (R) Manguru	adamanugur@gmail.com	7288894214
		Mandal Agriculture Officer, Pinapaka			
		Mandal Agriculture Officer, Karakagudem			
		Mandal Agriculture Officer, Aswapuram			
		Mandal Agriculture Officer, Buruampahd			
		Mandal Agriculture Officer, Allapalli			
		Mandal Agriculture STL Officer, Gundala			
4	O/o. Assistant Director of Agriculture (R) Bhadrachalam	Mandal Agriculture Officer, Bhadrachalam	Mandal Agriculture Officer, Bhadrachalam	agribhadrachalam@gmail.com	7288894215
		Mandal Agriculture Officer, Cherla			
		Mandal Agriculture Officer, Dummugudem			
		Mandal Agriculture Officer, Bhadrachalam			
5	O/o. Assistant Director of Agriculture (R) Yellandu	Mandal Agriculture Officer, Yellandu	Mandal Agriculture Officer Yellandu	adayellandu@gmail.com	7288894211

		Mandal Agriculture Officer, Tekulapalli			
6	O/o. Assistant Director of Agriculture, Aswaraopet	Mandal Agriculture Officer, Aswaraopeta		afzalbegumada@yahoo.com	728889421 3
		Mandal Agriculture Officer, Dammapeta			
		Mandal Agriculture Officer, Mulakapalli			
		Mandal Agriculture Officer, Annapureddyapalli			
		Mandal Agriculture Officer, Chandrugonda			

Name of the District: Jagtial

Appellate Authority: District Agriculture Officer

Office Address: DISTRICT AGRICULTURE OFFICER, JAGTIAL

H.No.8-3-81/1,AGROS Bhavan, Karimnagar Road,JAGTIAL – 505 327, Telangana State,Mobile No: 7288894119

Email.Id: daojagtial@gmail.com

Sl.No	Office Address	APIO	PIO	Email.ID	Phone No
1	DISTRICT AGRICULTURE OFFICER JAGTIAL H.No.8-3-81/1, AGROS Bhavan, Karimnagar	N. Sudheer Kumar, Superintendent.	G. Kalpana, ADA.	daojagtial@gmail.com	7288894119

	Road, JAGTIAL – 505 327, Telangana State				
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9	Mandal Agricultural Officer, Lingala Ghanpur		A. Jayanth Kumar, M.A. O Lingal Ghanpur	mao@lingalghanpur@gmail.com	7288894729
3	ADA (R) Palakurthy Siddartha nagar post office palakurthy	P. Proveen kumar Jr. Asst.	T. Radhika ADA	radhikaada@gmail.com	7288894732
10	Mandal Agricultural officer. Palakurthy		A. Murati Mohan	muralimohanakkoladevi@gmail.com	9133370355
11	Mandal Agricultural Officer, Kodakandla		K. Susanpriyadarshini	maokodakandla@gmail.com	7288894734
12	Mandal Agricultural Officer, Devaruppala		B. Ramakrishna	ramakrishnamao@gmail.com	7288894737

Yours faith fully
District Agriculture Officer
Jangaon

STATEMENT SHOWING Most urgent-APIO'S and PIO'S Addresses along with mobile no & Email.id for RTI					
Sl.No	Office Address	APIO	PIO	Email.ID	Phone No
1	Devadula Irrigation quarters A1 A2 E Type Quarters	CH. Anirudh Babu Supdt	M. Hari prasad	madoorihariprasad@gmail.com	7288894791
1	ADA (R) Jangaon Grain Market Committie AMC	K. Naresh Sr. Asst	G. Narsingam M.Sc (Ag) ADA	g.narsingamada@gmail.com	7288894738
1	Mandal Agricultural officer. Jangaon,		S. Karunakar	singarapukarunakar@gmail.com	7288894739
2	Mandal Agricultural officer. Alair Road Bachannapeta		M.A.O. Jangaon	aobachannapeta@gmail.com	7288894741
3	Mandal Agricultural Officer. Narmetta		N. Srinivas M.A.O Narmetta	Vasu8515@gmail.com	72 888 94742
4	Mandal Agricultural Officer. Tharigopula		N. Srinivas M.A.O Narmetta	Vasu8515@gmail.com	7288894742 & 9133370380
2	ADA (R) Ghanpur (Stn) Shivnipally Road, Market Yard, Ghanpur Station	Syed Abdul Hakeem Senior Assistant	P. Pradeep Kumar M.Sc (AG) ADA		7288894726 & 9701846676
5	Mandal Agricultural officer. Ghanpur Station		A. Nagra Raju M.A.O Ghanpur Stn	maoghanpurstn@gmail.com	7288894727 9133370357
6	Mandal Agricultural Officer. Raghunathpally		K. Srinivas M.A.O Raghunathpally	maoraghunathpally19@gmail.com	7288894730 9133370350
7	Mandal Agricultural Officer. Chilpur		A. Nagra Raju M.A.O Chilpur	maochilpur@gmail.com	7288894726, 9133370365
8	Mandal Agricultural Officer. Zaffargadh		P. Hari Das M.A.O Zaffargadh	Maozaffargadh@gmail.com	7288894729 9133370380

S.No	OFFICE ADDRESS	APIO	PIO	EMAIL ID	PHONE NO.
1	District Agriculture Office, Jogulamba Gadwal- 509125	Superintendent O/o DAO, JogulambaGadwal	Assistant Director of Agriculture (Tech), O/o DAO JogulambaGadwal	daojogulamba2@gmail.com	9491846549 (APIO)
2	Assistant Director of Agriculture (R) Gadwal - 509125	Mandal Agriculture Officer, Dharur Mandal Agriculture Officer, Gadwal Mandal Agriculture Officer, K.T.Doddi Mandal Agriculture Officer, Maldakal Mandal Agriculture Officer, Ghattu	Assistant Director of Agriculture (R) Gadwal	adaregulargadwail@gmail.com	7288894359 (PIO)
3	Assistant Director of Agriculture (R) Alampur- 509152	Mandal Agriculture Officer, Alampur Mandal Agriculture Officer, Ieeja Mandal Agriculture Officer, Itikyala Mandal Agriculture Officer, Manopad Mandal Agriculture Officer, Rajoli Mandal Agriculture Officer, Undavelly Mandal Agriculture Officer, Waddepally	Assistant Director of Agriculture (R) Alampur	adaralampur@gmail.com	7288894364 (PIO)

Name of the District: Karimnagar.

Appellate Authority: District Agriculture Officer, Karimnagar ,Office

Address: Collectorate Complex, Karimnagar

Mobile No: 7288894111, Email.Id: daokarimnagar@gmail.com

Sl. No	Office Address	APIO	PIO	Email.ID	Phone No
1	O/o District Agriculture Officer, Karimnagar	Agricultural Officer (Tech-I) Phone	Asst. Director of Agriculture (Trg) Phone No.7288894115	daokarimnagar@gmail.com	7288894115 (PIO)
2	O/o Asst. Director of Agriculture (Regular), Karimnagar	Agricultural Officer (Urban), Karimnagar. Mandal Agricultural Officer (Rural), Karimnagar Mandal Agricultural Officer, Kothapalli	Asst. Director of Agriculture (Regular), Karimnagar	adakarimnagar@gmail.com	7288894165 (PIO)
3	O/o Asst. Director of Agriculture (Regular), Gangadhara	Mandal Agricultural Officer, Gangadhara Mandal Agricultural Officer, Ramadugu. Mandal Agricultural Officer, Choppadandi	Asst. Director of Agriculture (Regular), Gangadhara	adachoppadandi@gmail.com	7288894088 (PIO)
4	O/o Asst. Director of Agriculture (Regular), Manakondur	Mandal Agricultural Officer, Thimmaur Mandal Agricultural Officer, Manakondur. Mandal Agricultural Officer,	Asst. Director of Agriculture (Regular), Manakondur	adamanakondur@gmail.com	7288894082 (PIO)

		Chigurumamidi Mandal Agricultural Officer, Shankarapatnam. Mandal Agricultural Officer, Ganneruvaram.			
5	O/o Asst. Director of Agriculture (Regular), Huzurabad	Mandal Agricultural Officer, Huzurabad Mandal Agricultural Officer, Veenavanka. Mandal Agricultural Officer, Jammikunta Mandal Agricultural Officer, Saidapur. Mandal Agricultural Officer, Ellandhakunta.	Asst. Director of Agriculture (Regular), Huzurabad	adarhuzurabad@gmail.com	728889409 5 (PIO)

Name of the District: Khammam

Appellate Authority: District Agriculture Officer, Khammam Dist.

O/o. District Agriculture Office, BhuranPuram, Khammam-507001

Ph.No: 7288894200, Email: daokhammam@gmail.com

Sl No.	Office Address	APIO	PIO	Email.ID	Phone No
1	O/o. District Agriculture Office, Khammam.	Agriculture Officer(T)	Assistant Director of Agriculture(P.P), O/o. DAO, Khammam	daokhammam@gmail.com	7288894269(PI O), 7288894204(APIO)
2	O/o. DDA(FTC), Khammam	Agriculture Officer, O/o. DDA(FTC)	Assistant Director of Agriculture, O/o. DDA(FTC), Khammam.	ddaftckhammam@gmail.com	7288894271(PI O)&8328534859 (APIO)

3	O/o. Assistant Director of Agriculture(S TL), Khamamm.	Agriculture Officer(lab Tech)	Assistant Director of Agriculture(STL), Khammam.	adastlkmm@gmail.com	7288894201(PI O),7288894272(APIO)
4	O/o. Assistant Director of Agriculture® , Khammam.	Sr.Asst	Assistant Director of Agriculture(R),Kham mam.	adakhammam2020@gmail.com	7288894206(PI O),8096060611(APIO)
		Agri.Extension Officer, MlalleMadugu	Mandal Agriculture Officer, Khammam Urban	kishor3877@gmail.com	7288894217(PI O),9676567955(APIO)
		Agri.Extension Officer, Kamepalli	Mandal Agriculture Officer, Kamepalli	komalisonalpawar123@gmail.com	7288894247(PI O), 9704857800(AP IO)
		Agri.ExtensionOf ficer,Raghunadh apalem	Mandal Agriculture Officer, Raghunadhapalem	bhaskarinturi@gmail.com	7288894218(PI O), 9182732668(AP IO)
5	O/o. Assistant Director of Agriculture® , Kusumanchi.	Jr.Asst	Assistant Director of Agriculture(R),Kusum anchi.	adakusumanchi@gmail.com	7288894207(PI O), 9177426512(AP IO)
		Agri.ExtensionOf ficer,Gurralapad u	Mandal Agriculture Officer, Khammam Rural	nageswarrao.ag@gmail.com	7288894222(PI O), 6305925092(AP IO)
	O/o. Assistant Director of Agriculture® , Kusumanchi.	Agri.ExtensionOf ficer,kakaravai	Mandal Agriculture Officer, Khammam Thirumalayapalem	nsreddy3297@gmail.com	7288894223(PI O), 8184879700(AP IO)
		Agri.ExtensionOf ficer,Nelakonda	Mandal Agriculture Officer, Khammam	maonelakondapalli@gmail.com	7288894220(PI O),

		pally	Nelakondapally	il.com	8897630359(AP IO)
		Agri.ExtensionOf ficer,Kusumanchi	Mandal Agriculture Officer, Kusumanchi	vasanthinr@gmail.com	7288894221(PI O), 9032570921(AP IO)
6	O/o. Assistant Director of Agriculture® , Madhira.	Agri. Officer(T)	Assistant Director of Agriculture(R),Madhira.	adamadhira11@gmail.com	7288894208(PI O), 7288894224
		Agri.ExtensionOf ficer,Madhira	Mandal Agriculture Officer, Madhira	dnksrinivasa rao@gmail.com	7288894228(PI O), 9951058287(AP IO)
		Agri.ExtensionOf ficer,Madhapuram	Mandal Agriculture Officer, Mudigonda	maomudhigonda777@gmail.com	7288894225(PI O), 7382662595(AP IO)
		Agri.ExtensionOf ficer,Kalakota	Mandal Agriculture Officer, Bonakal	maobonakal@gmail.com	7288894227(PI O), 6301073014(AP IO)
		Agri.ExtensionOf ficer,Produturu	Mandal Agriculture Officer, Chinthakani	nagaiahpallela@gmail.com	7288894226(PI O), 7675074956(AP IO)
		Agri.ExtensionOf ficer,Yerrupalem	Mandal Agriculture Officer, Yerrupalem	kvbreddy2@gmail.com	7288894229(PI O), 8185091308(AP IO)
7	O/o. Assistant Director of Agriculture® , Wyra	Sr.Asst	Assistant Director of Agriculture(R),Wyra.	adawyra@gmail.com	7288894209(PI O), 9490371426(AP IO)
		Agri.ExtensionOf	Mandal Agriculture	pawan.sree2	7288894231(PI

		ficer,Wyra	Officer, Wyra	9@gmail.com	O), 8186942012(AP IO)
O/o. Assistant Director of Agriculture® , Wyra		Agri.ExtensionOf ficer,Konijrla	Mandal Agriculture Officer, Konijerla	thanvibalu123@gmail.com	7288894232(PI O), 9912860230(AP IO)
		Agri.ExtensionOf ficer,Manikyara m	Mandal Agriculture Officer, Singareni	maheshreddy05157@gmail.com	7288894235(PI O), 9833428626(AP IO)
		Agri.ExtensionOf ficer,Bhudharag havapuram	Mandal Agriculture Officer, Enkoor	narasimhara0683@gmail.com	7288894233(PI O), 9505885765(AP IO)
		Sr.Asst	Assistant Director of Agriculture(R),Sathup alli	agrilsattupally@gmail.com	7288894210(PI O), 9381491347(AP IO)
8 O/o. Assistant Director of Agriculture® , Sathupalli		Agri.ExtensionOf ficer,Thallda	Mandal Agriculture Officer, Thallada	maothallada241@gmail.com	7288894241(PI O), 7285993737(AP IO)
		Agri.ExtensionOf ficer,Kakarlappa y	Mandal Agriculture Officer, Sathupalli	srinivas.aovemsoor@gmail.com	7288894237(PI O), 8500104678(AP IO)
		Agri.ExtensionOf ficer,Penuballi	Mandal Agriculture Officer, Penuballi	avspraju71@gmail.com	7288894239(PI O), 9494987709(AP IO)
		Agri.ExtensionOf ficer,Bhathulapa lly	Mandal Agriculture Officer, Kalluru	mroopaa@gmail.com	7288894240(PI O), 9676576256(AP

					IO)
		Agri.Extension Officer, Vemsoor	Mandal Agriculture Officer, Vemsoor	rama.mhn68@gmail.com	7288894238(PI O), 9010921521(AP IO)

DISTRCT: MAHABUBABAD

APPELATE AUTHORITY : District Agriculture officer, Mahabubabad

PHONE NUMBER : 7288894786 MAIL.ID.: daomahabubabad@gmail.com

SL NO	NAME OF THE OFFICE	PIO	PHONE NUMBER	APIO	PHONE NUMBER
1	DAO Mahabubabad	ADA ,O/o.DAOMahabubab ad	728889478 0	AO (Tech)-II ,O/o DAO Mahabubabad	728889471 1
2	ADA® MAHABUBABA D	ADA ® Mahabubabad	728889474 9	Mandal Agriculture officer, Mahabubabad	728889474 9
3				Mandal Agriculture officer, Kesamudram	728889475 1
4				Mandal Agriculture officer, Gudur	728889475 3
5				Mandal Agriculture officer, Nellikudur	728889475 2
6				Mandal Agriculture officer, Bayyaram	728889424 6
7				Mandal Agriculture officer, Garla	728889424 5
8				Mandal Agriculture officer, Kotaguda	728889476 4
9				Mandal Agriculture officer, Gangaram	728889476 4

10	ADA® Maripeda	ADA ® Maripeda	728889474 4	Mandal Agriculture officer, Maripeda	728889474 5
11				Mandal Agriculture officer, Dornakal	728889474 8
12				Mandal Agriculture officer, Kuravi	728889474 7
13				Mandal Agriculture officer, ChinnaGudur	728889474 5
14				Mandal Agriculture officer, Thorrur	728889473 6
15				Mandal Agriculture officer, Peddavangara	728889473 6
16				Mandal Agriculture officer, Danthalapalli	728889473 6
17				Manal Agriculture officer, Narshimhulapet	728889474 7

Name of District: Mancherial

Appellate Authority : District Agricultural Officer, Mancherial

Office address: O/o. District Agricultural, Mancherial 504208

Mobile No.7288894008.Email.id.dao.mncl.agri@telangana.gov.in.

SL No	NAME OF THE OFFICE	PIO	PHONE NUMBER	APIO	PHONE NUMBER
1	O/o. District Agricultural Officer, Door No.5-262, Opp.Busstand	Superintendent O/o. District Agricultural Officer, Mancherial	Asst. Director of Agriculture	Dao.mncl.agri@telangana.gov.in daomncl@gmali.com	728889400 8

2	Mancherial, Mancherial Dist.	Mandal Agriculture Officer, Mancherial	Asst. Director of Agriculture (R) Mancherial	mnciada@gmail.com	728889440 17
	O/o. Asst. Director of Agriculture (R) Mancherial Door No.5- 262, Opp.Bus stand, Mancherial, Mancherial Dist	Mandal Agriculture Officer Naspur (newly Created Mandal) Mandal Agriculture Officer, Jannarram Mandal Agriculture Officer Luxettipet Mandal Agriculture Officer Dandepalli Mandal Agriculture Officer Hazipur Mandal Agriculture Officer STIL AMC Mancherial.	Asst. Director of Agriculture (R) Mancherial	mnclada@gmail.com	728889401 7
3	O/o. Asst. Director of Agriculture (R), Bellampally	Mandal Agriculture Officer Bellampally Mandal Agriculture Officer, Kasipet Mandal Agriculture Officer Tandur	Asst. Director of Agriculture (R) Bellamaply	Adabellampally123@gmail.com	728889401 9
4	O/o. Asst. Director of Agriculture (R), Chennur	Mandal Agriculture Officer Chennur	Asst. Director of Agriculture (R) Chennur	adachnr@gmail.com	721888940 18

5	O/o. Asst. Director of Agriculture (R), Bheemini Near MPDO Office, Nennel HQ.Nennel	Mandal Agriculture Officer Kotapally Mandal Agriculture Officer Jaipur Mandal Agriculture Officer Bheemaram Mandal Agriculture Officer Bheemini Mandal Agriculture Officer Nennel Mandal Agriculture Officer Kannepally Mandal Agriculture Officer Vemanpally	Asst. Director of Agriculture (R) Bheemini	adanemml@gmail.com	728889402 0
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Name of the District:- Mahabubnagar

Appellate Authority:-Joint Director of Agriculture,MahabubnagarDist

Office Address: - O/o Joint Director of Agriculture,Mahabubnagar-509001

Mobile No:-7288894333, Email.Id:-jdambnr@gmail.com

Sl. No	Office Address	APIO	PIO	Email.ID	Phone No
1	O/o JDA Mahabubnagar	G.karuna Administrative Officer ,O/o Joint Director of Agriculture,	S.Hymavathi Assistant Director of Agriculture (Tech), O/o	jdambnr@gmail.com	72888943 90 (PIO)

		7288894400	JDA Mahabubnagar		
2	O/oDDA,FTC,Mahabubnagar	S.Venkat Ram Reddy Sr.Asst 7013471624 ftcmbnr@gmail.com	B.Madhavi Assistant Director of Agriculture	ftcmbnr@gmail.com	86390546 55 (PIO)
3	O/o Assistant director of Agriculture,(OS) BCL ,Mnagar	A.Srinivas Reddy Sr.Asst 9030729397 adabclmbnr@gmail.com	M.J.GraceEve ngeline Asst. Director of Agriculture	adabclmbnr@gmail.com	72888943 84(PIO)
4	O/o Assistant Director of Agriculture STL Jadcherla	T.Meena Agriculture Officer 7288894391 Stljcl.mbnr@gmail.com	P.Anjaneyulu Goud Assistant Director of Agriculture	Stljcl.mbnr@gmail.com	72888943 79(PIO)
5	O/o Assistant director of Agriculture®M ahabubnagar	Sri.Shaukat Ali Senior Assistant 9030266576 mbnrada@gmail.com	Assistant director of Agriculture® Mahabubnagar	mbnrada@gmail.com	72888942 99 (PIO)

6	O/o Mandal Agriculture Officer Mahabubnagar (Urban)	M.Sunitha AEO 9182782531 malisettysunitha@gmail.com	Sri B.SHYAM YADAV Mandal Agriculture Officer Mahabubnagar(Urban)-	bshyamyadav1@gmail.com	72888943 00(PIO)
7	O/o Mandal Agriculture Officer Mahabubnagar (Rural)	Sri K.KRISHNAKANTH AEO 6305839780 krishnakanth120881@gmail.com	Smt.ISHRATH SULTANA Mandal Agriculture Officer Mahabubnagar(Rural)	ishrathsultana.sco@gmail.com	72888942 98(PIO)
8	O/o Mandal Agriculture Officer Koilkonda	Konda Reddy AEO 9000401599 kondaaeo@gmail.com	B.Ramakrishna Mandal Agriculture Officer Koilkonda	krishnaram.b@gmail.com	90004015 99(PIO)
9	O/o Mandal Agriculture Officer Hanwada	Sri M.ANAND SWAMY AEO 8639862025 m.anandaswamy@gmail.com	Sri A.KIRAN KUMAR, Mandal Agriculture Officer Hanwada	kirankumarakula2011@gmail.com	72888943 01(PIO)
10	O/o Mandal Agriculture Officer Gandeed	J.Laxmikanth AEO 9182076855 jamalpurilaxmika	G.Krupakarreddy, Mandal	krupakarao@gmail.com	72888942 92(PIO)

		nth@gmail.com	Agriculture Officer Gandeed		
11	O/o Assistant director of Agriculture@Ja dcharla	Md.Gouse Senior Assistant 8096980557 adajadcherla@gmail.com	Sri.Anil Kumar ,Assistant director of Agriculture@J adcharla	adajadcherla@gmail.com	72888943 02(PIO)
12	O/o Mandal Agriculture Officer Jadcherla	narasimhulu AEO 6305817985 narasimhuluane moni@gmail.com	B.rampal Mandal Agriculture Officer Jadcherla	rampal12877@gmail.com	72888943 03(PIO)
13	O/o Mandal Agriculture Officer Rajapur	K Anjaneyulu AEO 6305817261 anjaneyulukumm ari007@gmail.com	J.Narender ,Mandal Agriculture Officer Rajapur	maorajapur@gmail.com	72888943 81 (PIO)
14	O/o Mandal Agriculture Officer Balnagar	A.Naveen Agriculture Extension Officer 6305839091 aagiri.naveen@gmail.com	P.Prashanth Reddy ,Mandal Agriculture Officer Balnagar	prashanthpadi7@gmail.com	72888943 04 (PIO)
15	O/o Mandal Agriculture	K. Swetha Reddy Agriculture	V. Krishna kishore	maomidjil@gmail.com	72888943 06

	Officer Nawabpet	Extension Officer 6305839054 swethakonatham22@gmail.com	Mandal Agriculture Officer Nawabpet		(PIO)
16	O/o Mandal Agriculture Officer Midgil	Md.samiuddin Agriculture Extension Officer 6305837253 aeomidjil@gmail.com	G.Siddartha Mandal Agriculture Officer Midgil	siddartha.ag@gmail.com	72888943 05 (PIO)
17	O/o Assistant director of Agriculture@D evarkadra	Naveen Kumar Sr.Asst 8074329419 adadvk09@gmail.com	N. Yashwanth Rao. Assistant director of Agriculture@ Devarkadra	adadvk09@gmail.com	72888942 88 (PIO)
18	O/o Mandal Agriculture Officer Devarakadra	MP. Monika Athaliah AEO, Devarakadra. 6305821580 monicaathaliah720@gmail.com	R. Rajendra Agarwal.Mand al Agriculture Officer Devarakadra	info2nragarwal@gmail.com	72888943 19(PIO)
19	O/o Mandal Agriculture Officer CC.Kunta	B. Rajeshwari. AEO, C.C. Kunta. 6305834896 rajibavani545@gmail.com	M. Rajesh Khanna. ,Mandal Agriculture Officer CC.Kunta	maocckunta2018@gmail.com	72888943 22(PIO)
20	O/o	P Radhika	P.	peddamandadisri	72888943

	MandalAgriculture Officer Addakal	AEO,Addakal. 6305648460 Pradhika653@gmail.com	Srinivasulu. MandalAgriculture Officer Addakal	nivas@gmail.com	20(PIO)
21	O/o MandalAgriculture Officer Moosapet	P. Rakesh. AEO, Moosapet. 6305815609 rakeshgoud3096@gamil.com	A. Rajender Reddy. MandalAgriculture Officer Moosapet	maomoosapet@gmail.com	72888942 90(PIO)
22	O/o Mandal Agriculture Officer Bhoothpur	N. Harshavardhan AEO, Bhoothpur. 6305824067 nhatshavardhangoud@gmail.com	G Muralidhar Mandal Agriculture Officer Bhoothpur	maobhoothpur@gmail.com	72888942 93(PIO)

Name of the District: MEDAK

Appellate Authority: DISTRICT AGRI CULTURE OFFICER

Office Address: OFFICE OF THE DISTRICT AGRICULTURE OFFICER MEDAK DIST

Mobile No: 7288894450

Email.Id; medakdao@gmail.com

Sl.No	Office Address	APIO	PIO	Email.ID	Phone No
1	OFFICE OF THE DISTRICT AGRICULTURE OFFICER MEDAK DIST	Administrative officer ,O/o Dao,medak dist.cell- 7288878744	District Agriculture officer ,Medak dist cell- 7288894450	medakdao@gmail.com	7288894450-7288878744

Name of the District: MedchalMalkajgiri District

Appellate Authority: District Agriculture Officer

Office Address: Block-II, Collecterate complex, Near ORR, Keesara

Mobile No: 7288894694

Email.Id medchaldao@gmail.com

Sl. No	Office Address	APIO	PIO	Email.ID	Phone No
1	O/o District Agriculture Office	Superintendent, O/o DAO , Medchal- Malkajgiri	I/c DAO, Medchal -Malkajgiri	dao-mdl-agri@telangana.gov.in	7288894694
2	O/o Assistant Director of Agriculture ® Medchal	Agriculture Officer Technical, O/o ADA ® Medchal	Assistant Director of Agriculture ® Medchal	adamedchal@gmail.com	7288894637
3	O/o Mandal Agriculture Officer, Medchal	Agriculture Extension Officer, Medchal	Mandal Agriculture Officer, Medchal	strings_archana@yahoo.co.in	7288894638
4	O/o Mandal Agriculture	Agriculture Extension Officer,	Mandal Agriculture	mao.shamirpet2017@gmail.com	7288894640

	Officer, Shamirpet.	Shamirpet.	Officer, Shamirpet.		
5	O/o Mandal Agriculture Officer, Ghatkesar	Agriculture Extension Officer, Ghatkesar	Mandal Agriculture Officer, Ghatkesar	maoghatkesar123@gmail.com	7288894699
6	O/o Mandal Agriculture Officer, Keesara	Agriculture Extension Officer, Keesara	Mandal Agriculture Officer, Keesara	yamu.chaitu@gmail.com	7288894641
7	O/o Mandal Agriculture Officer, Mudichinthalpally	Agriculture Extension Officer, Mudichinthalpally Mandal	Agriculture Officer, Mudichinthalpally	maomcpalli@gmail.com	7288894641
8	O/o Assistant Director of Agriculture, Urban Malkajgiri	1. Agriculture Officer, Uppal, Alwal, Malkajgiri 2. Agriculture Officer, Balanagar, Kukatpally. 3. Agriculture Officer, Qutubullapur, Dundi gal, Bachupally	Assistant Director of Agriculture, Urban Malkajgiri	adamalkajgiri@gmail.com	7288894694
9	O/o Mandal Agriculture Officer, Qutubull	Mandal Agriculture Officer, Qutubullapur	Assistant Director of Agriculture,	adamalkajgiri@gmail.com	7288894694

	apur		Urban Malkajgiri		
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NIRMAL DISTRICT

APPELLATE AUTHORITY : DISTRICT AGRICULTURE OFFICER, NIRMAL DISTRICT

OFFICE OF THE : DISTRICT AGRICULTURE OFFICER, NIRMAL - 504106

PHONE NO: 7288894009, E - mail - daonirmal2016@gmail.com

1	O/o the District Agriculture Officer, Nirmal - 504106	Assistant Director of Agriculture O/o the DAO, Nirmal	Deputy Director of Agriculture O/o the DAO, Nirmal	daonirmal2016@gmail.com	7288894027 (PIO)
2	O/o the Assistant Director of Agriculture (R) Nirmal - 504106	Mandal Agriculture Officer - Nirmal (Urban)	Assistant Director of Agriculture (R) Nirmal	adar.nirmal@gmail.com	7288894013 (PIO)
		Mandal Agriculture Officer - Nirmal (Rural)			
		Mandal Agriculture Officer - Laxmanchanda			
		Mandal Agriculture Officer - Mamada			
		Mandal Agriculture Officer - Soan			

		Mandal Agriculture Officer - Dilawarpur			
		Mandal Agriculture Officer -Narsapur - G			
		Mandal Agriculture Officer - Sarangapur			
3	O/o the Assistant Director of Agriculture Officer (R) Bhainsa - 504103	Mandal Agriculture Officer -Bhainsa	Assistant Director of Agriculture (R) Bhainsa	adar.bns@gmail.com	7288894014 (PIO)
		Mandal Agriculture Officer -Kubeer			
		Mandal Agriculture Officer - Kuntala			
4	O/o the Assistant Director of Agriculture Officer (R) Mudhole - 504102	Mandal Agriculture Officer -Mudhole	Assistant Director of Agriculture (R) Mudhole	adamudhol1617@gmail.com	7288894015 (PIO)
		Mandal Agriculture Officer - Lokeshwaram			
		Mandal Agriculture Officer - Tanoor			
		Mandal Agriculture			

		Officer - Basar			
4	O/o the Assistant Director of Agriculture Officer (R) Khanapur - 504203	Mandal Agriculture Officer - Khanapur	Assistant Director of Agriculture (R) Khanapur	adakhapur504203@gmail.com	7288894016 (PIO)
	Mandal Agriculture Officer -Pembi				
	Mandal Agriculture Officer - Kaddam				
	Mandal Agriculture Officer - Dasturabad				

Name of the District :Mulugu

Appellate Authority : District Agriculture officer, Mulugu

Office Address : O/o District Agriculture officer, Mulugu

Mobile No : 7288894706,Email ID :daomulug@gmail.com

s.n	Office Address	APIO	PIO	Emai ID	Phone No
1	District Agriculture officer, Mulugu	Sr. Asst	Agriculture officer,(Tech)	daomulug@gamail.com	7288894788
2	Asst Director of Agriculture® Mulugu	Sr. Asst	Asst Director of Agriculture® Mulugu	adamulug@gmail.com	7288894761
3	Asst Director of Agriculture® Eturnagaram	Jr. Asst	Asst Director of Agriculture® Eturnagaram	adaeturnagaram@gmail.com	7288894766

4	Mandal Agriculture officer, Mulugu	AEO Mulugu	Mandal Agriculture officer, Mulugu	santhoshmunukuntla@ gmail.com	72888947 62
5	Mandal Agriculture officer, Venkatapur	AEO Venkatapur	Mandal Agriculture officer, Venkatapur	aovenkatapur21@gmail .com	72888942 63
6	Mandal Agriculture officer, Eturnagaram	AEO Eturnagara m	Mandal Agriculture officer, Eturnagaram	aoeturnagaram@gmail. com	72888947 67
7	Mandal Agriculture officer, Kannaigudem	AEO Kannaigud em	Mandal Agriculture officer, Kannaigudem	aokannaigudem@gmail. com	72888947 94
8	Mandal Agriculture officer, Govindaraopet	AEO Govindaraop et	Mandal Agriculture officer, Govindaraopet	kaithajithenderreddy@g mail.com	72888947 70
9	Mandal Agriculture officer, Tadvai	AEO Tadvai	Mandal Agriculture officer, Tadvai	jaisinghporika@gmail.c om	72888947 69
10	Mandal Agriculture officer, Mangapet	AEO Mangapet	Mandal Agriculture officer, Mangapet	Cheralu123@gmail.com	72888947 70
11	Mandal Agriculture officer, Wazedu	AEO Wazedu	Mandal Agriculture officer, Wazedu	maowazeed@gmail.co m	72888942 67
12	Mandal Agriculture officer, Venkatapuram	AEO Venkatapur am	Mandal Agriculture officer, Venkatapuram	aovenkatapuram@gmai l.com	72888942 66

Name of the District: NAGARKURNOOL

Appellate Authority: DISTRICT AGRICULTURAL OFFICER, NAGARKURNOOL

Office Address: 2nd Floor, Beside: Telephone Exchange, SJR Complex,

Nagarkurnool. Mobile No: 7288894286, Email.Id: daongkl@gmail.com

Sl. No	Office Address	APIO	PIO	Email.ID	Phone No PIO
(1)	(2)	(3)	(4)	(5)	(6)
1	O/o District Agriculture Office, Nagarkurnool	Superintendent O/o District Agriculture Officer, Nagarkurnool	Agriculture Officer(T) O/o District Agriculture Office, Nagarkurnool	daongkl@gmail.com	7288878460
2	O/o Asst. Director of Agriculture®, Nagarkurnool	(1) Mandal Agricultural Officer, Nagarkurnool Cell No: 7288894331. (2) Mandal Agricultural Officer, Bijinapally. Cell No: 7288894332. (3) Mandal Agricultural Officer, Tadoor. Cell No: 7288894285 (4) Mandal Agricultural Officer, Telkapally. Cell No: 7288894334 (5) Mandal Agricultural	Asst. Director of Agriculture®, Nagarkurnool	adarngkl2018@gmail.com	7288894330

		Officer, Thimmajipet. Cell No: 7288894335			
3	O/o Asst. Director of Agriculture®, Achampet.	(1)Mandal Agricultural Officer, Achampet. Cell No: 7288894371. (2)Mandal Agricultural Officer, Amarabad. Cell No: 7288894372. (3)Mandal Agricultural Officer, Padara. Cell No: 7288878457 (4)Mandal Agricultural Officer, Balmoor. Cell No: 7288894373 (5)Mandal Agricultural Officer, Lingal. Cell No: 7288894374 (6)Mandal Agricultural Officer, Uppununthala Cell No: 7288894375. (7)Mandal Agricultural Officer, Vangoor. Cell No: 7288894376.	Asst. Director of Agriculture®, Achampet	adaacpt@gmail.com	7288894 370
4	O/o Asst.	(1)Mandal Agricultural	Asst. Director of	adaregula	7288894

	Director of Agriculture®, Kalwakurthy	Officer, Kalwakurthy (2)Mandal Agricultural Officer, Veldanda. Cell No: 7288894317 (3)Mandal Agricultural Officer, Charakonda. Cell. No: 7288878455 (4)Mandal Agricultural Officer, Urkonda. Cell No: 7288878458	Agriculture®, Kalwakurthy	rkalwakurthy@gmail.com	312
5	O/o Asst. Director of Agriculture®, Kollapur	(1)Mandal Agricultural Officer, Kollapur Cell No: 7288894354. (2)Mandal Agricultural Officer, Kodair. Cell No: 7288894355 (3)Mandal Agricultural Officer, Peddakothapally. Cell No: 7288894357 (4)Mandal Agricultural Officer, Pentlavelly. Cell No: 7288878456	Asst., Director of Agriculture®, Kollapur	adakollapur@gmail.com	7288894 353

Name of the District: **Narayanpet**

Appellate Authority: **M.J. Sudhakar. M, Sc (Ag). District Agriculture officer**

Office Address: **DAO. Office. Bapu Nagar, Near S.P Guest House.**

Mobile No: **6303617267**,Email.ID. **daonpt11@gmail.com**

Sl. No	Office Address	APIO	PIO	Appellate Authority	Email.ID	Phone No
1	O/o District Agriculture Office. Narayanpet	M.Ajay Kumar (Sr.Asst) 9440031 844	Shantha Kumar (Supdt) 9849018189	M.J. Sudhakar District Agriculture officer	daonpt11@gmail.com	984901 8189
2	O/o Assistant Director of Agriculture ® Narayanpet	D.Mohan (Jr.Asst) 8374494 746	A.Anil Kumar AO (T) 8328401202	M.J. Sudhakar District Agriculture officer	sudhakarada79@gmail.com	832840 1202
3	O/o Mandal Agriculture office. Narayanpet	R.Pranitha (AEO) 63058231 87	SadulaNagaraju (MAO) 7288894337	M.J. Sudhakar District Agriculture officer	nagarajuao28@gmail.com	728889 4337
4	O/o Mandal Agriculture office. Dhanwada	Saiman (AEO) 96665734 57	Pradeep Kumar (MAO) 7288894339	M.J. Sudhakar District Agriculture officer	maodhanwada@gmail.com	728889 4339
5	O/o Mandal Agriculture office. Damargidda	C.Gopal (AEO) 63058558 26	Arivindu (MAO) 6303415573	M.J. Sudhakar District Agriculture officer	maodamaragidda@gmail.com	630341 5573
6	O/o Mandal Agriculture office. Marikal	B Parashuram (AEO) 80960857 29	Shiva kumar (MAO) 7288894401	M.J. Sudhakar District Agriculture officer	bshivakumar.ao@gmail.com	728889 4401

7	O/o Assistant Director of Agriculture @ Makthal	Suguna (Jr.Asst) 9398760 386	K.Daiva Glory ADA 7288894385	M.J. Sudhakar District Agriculture officer	makthalada@gmail.com	728889 4385
8	O/o Mandal Agriculture office. Makthal	A.Shivakumar (AEO) 81899884 40	D.Mithunchakravarthi (MAO) 7288894342	M.J. Sudhakar District Agriculture officer	mithunchakravarthy@gmail.com	728889 4342
9	O/o Mandal Agriculture office. Maganoor	Harish (AEO) 99480477 27	SudharshanGoud (MAO) 8019814398	M.J. Sudhakar District Agriculture officer	sujjigoudk53@gmail.com	801981 4398
10	O/o Mandal Agriculture office. Krishna	P Mahesh (AEO) 86865251 45	SudharshanGoud (MAO) 8019814398	M.J. Sudhakar District Agriculture officer	sujjigoudk53@gmail.com	801981 4398
11	O/o Mandal Agriculture office. Utkoor	M Swaroopa Rani (AEO) 63058221 99	M.Ganesh Reddy (MAO) 7288894346	M.J. Sudhakar District Agriculture officer	maomaganoor@gmail.com	728889 4346
12	O/o Mandal Agriculture office. Narwa	D Mahesh (AEO) 86865251 45	M.Ganesh Reddy (MAO) 7288894346	M.J. Sudhakar District Agriculture officer	maomaganoor@gmail.com	728889 4346

13	O/o Assistant Director of Agriculture @ Kosgi	Laxmi Narayana (Jr.Asst) 9182778328	Jhon Samul ADA 9676629599	M.J. Sudhakar District Agriculture officer	mao.kosgi@gmail.com	9676629599
14	O/o Mandal Agriculture office. Kosgi	M.Radhika (AEO) 8187067664	Jhon Samul (MAO) 9676629599	M.J. Sudhakar District Agriculture officer	mao.kosgi@gmail.com	9676629599
15	O/o Mandal Agriculture office. Maddur	Sravan Kumar (AEO) 7799116040	ManusaniHaritha (MAO) 9676562186	M.J. Sudhakar District Agriculture officer	manusaniharitha@gmail.com	9676562186

Name of the District : Nizamabad

Appellate Authority : District Agriculture Officer,

Office Address : O/o District Agriculture Office, Near NTR Statue,

Railway Station Road, Nizamabad, Mobile No : 728884567

Email.Id : jdanzb@yahoo.com

Sl. No	Office Address	APIO	PIO	Email.ID	Phone No
1	O/o. District Agriculture Office, Nizamabad.	Agriculture Officer (Technical Asst.) O/o. DAO, Nizamabad.	Assistant Director of Agriculture (P)	jdanzb@yahoo.com	7288894566
2	O/o. DDA(FTC),	Senior Assistant ,	Deputy	ddaftcnzb@g	72888946

	Nizamabad	O/o. DDA(FTC)	Director of Agriculture(F TC)	mail.com	25
3	O/o. ADA(STL), Nizamabad	Agriculture Officer, O/o. ADA(STL),Nizamabad.	Assistant Director of Agriculture(S TL)	stlnzb@gmail.com	7288894549
2	O/o. Assistant Director of Agriculture(R)Nizamabad(Rural).	Mandal Agriculture Officer,Nizamabad (Rural)	O/o. Assistant Director of Agriculture(R)Nizamabad(Rural).	Kottakota72@gmail.com	7288894568
		Mandal Agriculture Officer,Indalwai			
		Mandal Agriculture Officer,Mogpal			
		Mandal Agriculture Officer,Dichpally			
		Mandal Agriculture Officer,Dharpally			
		Mandal Agriculture Officer,Sirikonda			
		Mandal Agriculture Officer,Jakranpally			
3	O/o. Assistant Director of Agriculture(R)Armoor	Mandal Agriculture Officer,Armoor	O/o. Assistant Director of Agriculture(R	adaarmoor@gmail.com	7288894577
		Mandal			

		Agriculture Officer,Nadipet) Armoor		
		Mandal Agriculture Officer,Makloor			
4	O/o. Assistant Director of Agriculture(R) Bheemgal	Mandal Agriculture Officer,Bheemgal	O/o. Assistant Director of Agriculture(R) Bheemgal	adabheemgal@gmail.com	7288894580
		Mandal Agriculture Officer,Velpoor			
		Mandal Agriculture Officer,Balkonda			
		Mandal Agriculture Officer,Morthad			
		Mandal Agriculture Officer,Kammarpally			
		Mandal Agriculture Officer,Mupkal			
		Mandal Agriculture Officer,Mendora			
		Mandal Agriculture Officer,Yergatla			
5	O/o. Assistant Director of Agriculture(R) Bodhan	Mandal Agriculture Officer,Bodhan	O/o. Assistant Director of Agriculture(R)	adabodhan1@gmail.com	7288894588
		Mandal			

		Agriculture Officer, Renjal) Bodhan			
		Mandal Agriculture Officer, Yedapally				
		Mandal Agriculture Officer, Navipet				
6	O/o. Assistant Director of Agriculture(R) Banswada	Mandal Agriculture Officer, Varni	O/o. Assistant Director of Agriculture(R) Banswada	adabanswada@gmail.com	7288894592	
		Mandal Agriculture Officer, Kotagiri				
		Mandal Agriculture Officer, Rudrur				
		Mandal Agriculture Officer, Mosra				
		Mandal Agriculture Officer, Chandur				

Name of the District: PEDDAPALLY.

Appellate Authority: DISTRICT AGRICULTURE OFFICER, PEDDAPALLY.

Office Address: DISTRICT AGRICULTURE OFFICER, PEDDAPALLY.

Mobile No: 7288894479, Email.Id : daopeddapally@gmail.com

Sl.No	Office Address	APIO	PIO	Email.ID	Phone No
1	O/o District	Agriculture Officer	Assistant	daopedd	99597250

	Agriculture Officer, Peddapalli 505172	(Technical) O/o District Agriculture Officer, Peddapalli	Director Of Agriculture (Trg) O/o District Agriculture Officer, Peddapalli	apally@gmail.com	27 (PIO)
2	O/o. Asst. Director of Agriculture®, Peddapalli 505172	Mandal Agriculture Officer, Peddapalli Mandal Agriculture Officer, Ramagundam Mandal Agriculture Officer, Anthergoan Mandal Agriculture Officer, Palakurthi Mandal Agriculture Officer, Odela Mandal Agriculture Officer, Srirampur Mandal Agriculture Officer, Sulthanabad Mandal Agriculture Officer, Eligaid Mandal Agriculture Officer, Julapally Mandal Agriculture Officer, Dharmaram	Asst. Director of Agriculture (R) Peddapalli	adapeddapalli@gmail.com	7288894148
3	O/o. Asst. Director of Agriculture (R) Manthani 505184	Mandal Agriculture Officer, Manthani Mandal Agriculture	Asst. Director of Agriculture (R) Manthani	Adamantani1@gmail.com	7288894156

		Officer, MutharamManthani Mandal Agriculture Officer, Kamanpur Mandal Agriculture Officer, Ramagiri			
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Name of the District: RajannaSircilla

Appellate Authority: District Agriculture Officer, RajannaSircilla

Office Address:H.No: 12-8-112 (Old SAWES Office), Opp: Court line,
RajannaSircilla,**Mobile No:** 7288894137

Email.Id:daorajannasircilla@gmail.com

Sl.N o	Office Address	APIO	PIO	Email.ID	Phone No
1	O/o District Agriculture Officer, H.No: 12-8- 112 (Old SAWES Office), Opp: Court line, RajannaSircill a	Assistant Director of Agriculture (Trg), O/o DAO, RajannaSircilla	District Agriculture Officer, RajannaSirci lla	daorajannasircilla@gmail.com	72888941 21 (APIO) 72888941 37 (PIO)
2	O/o Assistant Director of Agriculture (R), Sircilla	Mandal Agriculture Officer, Sircilla Mandal Agriculture Officer, Ellanthakunta Mandal Agriculture Officer, Yellareddypet	Assistant Director of Agriculture (R), Sircilla	ada.rsrl@gm ail.com	72888941 37

		Mandal Agriculture Officer, Veernapally Mandal Agriculture Officer, Thangallapally Mandal Agriculture Officer, Gambhiraopet Mandal Agriculture Officer, Mustabad			
3	O/o Assistant Director of Agriculture (R), Vemulawada	Mandal Agriculture Officer, Vemulawada(U) Mandal Agriculture Officer, Vemulawada (R) Mandal Agriculture Officer, Boinpally Mandal Agriculture Officer, Chandurthy Mandal Agriculture Officer, Konaraopet Mandal Agriculture Officer, Rudrangi	Assistant Director of Agriculture (R), Vemulawada	Adavmwd1516@gmail.com	7288894142

Name of the District :Ranga Reddy

Appellate Authority :District Agriculture Officer,

Office Address:Office of the District Agriculture Officer,
Rangan Reddy District. **Mobile Number :** 7288894626

Email.ID: dao.rrd@gmail.com

Sl. No	Office Address	APIO	PIO	Email.ID	Phone No
1	O/o. District Agriculture Office,Nizamab	Agriculture Officer (Technical Asst.) O/o. DAO,	Assistant Director of Agriculture	dao.rrd@gmail.com	7288894624

	ad.	Rangareddy Dist. 7288894636			
2	O/o. Asst. Director of Agriculture ® Chevella R.R. Dist.	Mandal Agriculture Officer, Chevella	Asst. Director of Agriculture (R) Chevella, R. R.		72888946 54
3	O/o. Assistant Director of Agriculture(R) Ibrahimpatnam .	Mandal Agriculture Officer, Abdullapurmpet Mandal Agriculture Officer, Hayathnagar Mandal Agriculture Officer, Ibrahimpatnam Mandal Agriculture Officer, Madgul Mandal Agriculture Officer, Manchal Mandal Agriculture Officer, Yacharam	O/o. Assistant Director of Agriculture® Ibrahimpatnam R.R Dist	adaibrahimpatnam@gmail.com	72888771 67
4	O/o. Assistant Director of Agriculture(R) Armoor	Mandal Agriculture Officer, Armoor Mandal Agriculture	O/o. Assistant Director of Agriculture(R) Armoor	adaarmoor@gmail.com	72888945 77

		Officer, Nadipet			
		Mandal Agriculture Officer, Makloor			
4	O/o. Assistant Director of Agriculture(R) Maheswaram Divn. RR Dist	Mandal Agriculture Officer, Amangal	O/o. Assistant Director of Agriculture(R) Maheshwara m Divn. RR Dist	adamaheshwar@gmail.com	72888946 77
		Mandal Agriculture Officer, Balapur			
		Mandal Agriculture Officer, Kadithal			
		Mandal Agriculture Officer, Kandukur			
		Mandal Agriculture Officer, Maheshwaram			
		Mandal Agriculture Officer, Rajendra Nagar			
		Mandal Agriculture Officer, Gandipet			
		Mandal Agriculture Officer, Shamshabad			
5	O/o. Assistant Director of Agriculture(R)	Mandal Agriculture Officer, Bodhan	O/o. Assistant Director of	adabodhan1@gmail.com	72888945 88

	Bodhan	Mandal Agriculture Officer, Renjal	Agriculture(R) Bodhan		
		Mandal Agriculture Officer, Yedapally			
		Mandal Agriculture Officer, Navipet			
6	O/o. Assistant Director of Agriculture(R) Shadnagar divn.	Mandal Agriculture Officer, Farooqnan gar	O/o. Assistant Director of Agriculture(R) shadnagar divn	adasdnr@gmail.com	72888943 07
		Mandal Agriculture Officer, Jilled chowdergudem			
		Mandal Agriculture Officer, Keshampet			
		Mandal Agriculture Officer, Kondurg			
		Mandal Agriculture Officer, Kothur			
		Mandal Agriculture Officer, Nandigma			
		Mandal Agriculture Officer, Talakondapally			

Name of the District : Siddipet

Appellate Authority : District Agriculture Officer,

Office Address: Ganeshnagar, Near Veterinary Office,
Siddipet District. 502103. **Mobile Number :** 7288894412

Email.ID: daosiddipet36@gmail.com

Sl. No	Office Address	APIO	PIO	Email.ID	Phone No
1	O/o. District Agriculture Office, Siddipet, Ganesh Nagar, Near Veterinary office, siddipet.502103.	Agriculture Officer (Technical Asst.) Siddipet	District Agriculture Officer, Siddipet	daosiddipet36@gmail.com , A.O. Siddipet Srina8142@gmail.com	DAO 72888944 12 AO 81426464 64

Name of the District : Siddipet

Appellate Authority : Assistant Agriculture Officer,

Office Address: Subashnagar, Godown Gadda, Husnabad

Mobile Number : 7288894100

Email.ID: ada123husnabad@gmail.com

Sl. No	Office Address	APIO	PIO	Email.ID	Phone No
1	O/o. District Agriculture Office, Husnabad	Mandal Agriculture Officer, Husnabad	Assistant Director of Agriculture, Husnabad	ada123husnabad@gmail.com	72888941 00
		Mandal Agriculture Officer, Akkannapet		maohusnabad@gmail.com	72888941 01
		Mandal Agriculture		maotnrakpt@gmail.com	72888941 01

		Officer, Koheda			
		Mandal Agriculture Officer,Bejjanki	O/o. Assistant Director of Agriculture(R) Armoor	maomaddur@gmail.com	73963534 46
		Mandal Agriculture Officer,Nadipet			
		Mandal Agriculture Officer,Makloor			

Name of the District : Siddipet

Appellate Authority : Assistant Director of Agriculture Officer ®

Office Address: Integrated office complex (IOC),Sangapur Road, Gajwel(M),

Mobile Number : 7288894466,**Email.ID:** adagajwel4466@gmail.com

Sl. No	Office Address	APIO	PIO	Email.ID	Phone No
1	O/o. Asst. Director of Agriculture (R) Integrated Office Complex (IOC) Sangapur Road, Gajwel Divison 502278	1. Mandal Agriculture Officer, Gajwel	Asst. Director of Agriculture ® Gajwel divison	ADA-adagajwel4466@gmail.com MAO. Gajwel	ADA- 72888944 66 MAO.Kond apaka 72888944 70

		2. . Mandal Agriculture Officer Kondapak, MPDO Office Buidling 9298256489		kondapakamao@gmail.com	MAO- RAIPOLE 91828328 81
				MAO RAIPOLE Ramani.wtc@gmail.com	MAO- KOMURVE LLI 94R40673 278
				MAO komuravelli	
				MAO-CHERIAL afrozagrigo@gmail.com	MAO CHERIAL 73963534 46
		3.Mandal Agriculture Officer Raipole Address: Rythu Vedika, Raiple 9182832881			
		4. Mandal Agriculture Officer, Komuravelli. Address: MRO Office Buidling 9440673278			
		Mandal Agriculture Officer, Cherial, Address: MPDO			

		Office, Building 7396353446.			
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Name of the District : Siddipet

Appellate Authority : Assistant Director of Agriculture Officer @office

Address: Ganesh nagar, Near Veterinary Office, Siddipet 502103.

Mobile Number : 7288894412., **Email.ID:** adasiddipet@gmail.com

Sl. No	Office Address	APIO	PIO	Email.ID	Phone No
1	O/o.Asst. Director of Agriculture (R) Ganesh Nagar, Near Veterinary Office, Siddipet, Pin.502103	1. Mandal Agriculture Officer, Siddipet, Address: Own building , Ganesh nagar, Siddipet	Asst. Director of Agriculture (R) Siddipet	ADA- adasiddipet@gmail.com MAO siddipet ramaraokpk@gmail.com MAO- Nagnoor- mao.geeteha@gmail.com MAO- Chinnakodur Vidyakar131@gmail.com	ADA- 72888944 12 MAO SIDDIPET 72888944 72 MAO NANGNOO R 72888944 68 MAO CHINNAK ODU 72888944 67

Name of the District : Siddipet

Appellate Authority : Assistant Director of Agriculture Officer @

Office Address: Lacchapet, Behand Yerranneswar temple, Dubbak (M)

Mobile Number : 7288894459, **Email.ID:** adadubbak@gmail.com

Sl.	Office	APIO	PIO	Email.ID	Phone No
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No	Address				
1	O/o.Asst. Director of Agriculture (R) Lachapet, vill.Dubbak (M) Diviosn , Pin.502108	1. Mandal Agriculture Officer, Dubbak Address: Own Building, saraswathi Nagar. Dubbak	Asst. Director of Agriculture (R) Dubbak	ADA- adadubhbak@gmail.com MAO Dubbaka mamillapraveen123@gmail.com MAO-Mirroddimallesham.bonala@gmail.com MAO- Thoguta sirigadimohans@gmail.com MAO- Doulthabad govindarajulu82@gmail.com	ADA- 72888944 59 MAO Dubbaka 72888944 60 MAO Mirdoddi 72888944 61 MAO Thoguta 72888944 64 MAO Doulathba d 72888944 64

Name of the District : Siddipet

Appellate Authority : Assistant Director of Agriculture Officer ®

Office Address: Near MPDO Office, Main Road, Mulugu Mandal

Mobile Number : 7288894466, **Email.ID:** adamulugu@gmail.com

Sl.	Office	APIO	PIO	Email.ID	Phone No
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No	Address				
1	O/o.Asst. Director of Agriculture (R) Near MODO Office, Main Road, Mulugu Mulugu Divion Pin.502279	1. Mandal Agriculture Officer, Mulugu Address: Own Building, saraswathi Nagar. Dubbak	Asst. Director of Agriculture (R) Muludu Division	ADA- adamulugu@gmail.com MAO Mulugu maomulugu@gmail.com MAO- WARGAL- maowargal@gmail.com MAO- JAGDEVPUR maojagdevpur@gmail.com MAO- MARKOOK maomarkook@gmail.com	ADA- 72888944 66 MAO Mulugu 72888944 74 MAO Wargal 72888944 76 MAO Jagdevpur 72888944 75 MAO Markook 98660377 45

Name of the District :Sangareddy

Appellate Authority :District Agriculture Officer,

Office Address:Office of the District Agriculture Officer, Integrated Collector Complex, 2nd floor Sangareddy

Mobile Number :7288894403,**Email.ID:** daosangareddy@gmail.com

SI No	Office Address	PIO	APIO	Email.I d	Phone No
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1	Office of the District Agriculture Officer, Integrated Collector Complex 2 nd floor Sangareddy.	Asst. Director of Agriculture O/o District Agriculture Officer, Integrated Collector Complex 2 nd floor Sangareddy.	Superintendent O/o District Agriculture Officer, Integrated Collector Complex 2 nd floor Sangareddy.	daosangareddy@gmail.com	7288894402 (PIO)
2	O/o Asst. Director of Agriculture (Regular) Sangareddy	Asst. Director of Agriculture (R)	Mandal Agriculture Officer, Sangareddy Mandal Agriculture Officer, Kandi Mandal Agriculture Officer, Sadashivpet Mandal Agriculture Officer, Kondapur	adaregularsrd@gmail.com	7288894418 (PIO)

3	O/o Asst. Director of Agriculture (Regular) Patancheru	Asst. Director of Agriculture (R)	Mandal Agriculture Officer, Patancheru Mandal Agriculture Officer, Ameenpur Mandal Agriculture Officer, RC Puram Mandal Agriculture Officer, Jinnaram Mandal Agriculture Officer, Gummadidala	adapatancheru@gmail.com	7288894422 (PIO)
4	O/o Asst. Director of Agriculture (Regular) Jogipet	Asst. Director of Agriculture (R)	Mandal Agriculture Officer, Jogipet Mandal Agriculture Officer, Hathnoora Mandal Agriculture Officer, Pulkal	adajogipeta@gmail.com	7288894414 (PIO)
5	O/o Asst. Director of Agriculture (Regular) Raikode	Asst. Director of Agriculture (R)	Mandal Agriculture Officer, Raikode Mandal Agriculture Officer, Munipally	adaraikode@gmail.com	7288894437 (PIO)

			Mandal Agriculture Officer, Vatpally		
6	O/o Asst. Director of Agriculture (Regular) Narayankhed	Asst. Director of Agriculture (R)	Mandal Agriculture Officer, Narayankhed Mandal Agriculture Officer, Kalher Mandal Agriculture Officer, Sirgapur Mandal Agriculture Officer, Kangti Mandal Agriculture Officer, Manoor Mandal Agriculture Officer, Nagaligidda	adankd2012@gmail.com	7288894432 (PIO)
7	O/o Asst. Director of Agriculture (Regular) Zaheerabad	Asst. Director of Agriculture (R)	Mandal Agriculture Officer, Zaheerabad Mandal Agriculture Officer, Mogudampally Mandal Agriculture Officer, Jharasangam	adankd2012@gmail.com	7288894426 (PIO)

			Mandal Agriculture Officer, Kohir		
			Mandal Agriculture Officer, Nyalkal		
8	O/o DDA FTC, Sangareddy	Asst. Director of Agriculture	Agriculture Officer(Tech)	ddaftcmd k@gmail. com	7288894413 (PIO)
9	O/o Asst. Director of Agriculture, SSF, Sadashivpet	Asst. Director of Agriculture	Agriculture Officer(Tech)	adabclab sspt@gm ail.com	7288894417 (PIO)
10	O/o Asst. Director of Agriculture, STL. Sangareddy	Asst. Director of Agriculture	Agriculture Officer(Tech)	adastlsrd @gmail.c om	7288894411 (PIO)

Name of the District: Suryapet

Appellate Authority: D. Ramarao Naik, DAO.

Office Address : Integrated Collectorate Complex, Durajpally, Suryapet

Mobile No : 7288894490, Email.Id : daosrpt@gmail.com

Sl.No	Office Address	APIO	PIO	Email.ID	Phone.No
1	O/o District Agriculture Office, Suryapet- 508213	P. Sunitha AO(Tech)	Ch. Narsimha Chary, Supdt	daosrpt@gmail.com	7288894490

2	ADA® Suryapet-508213	D. Ramarao Naik, ADA	<ol style="list-style-type: none"> 1. M Jabbarlal, Sr.Asst 2. Mandal Agriculture Officer, Suryapet 3. Mandal Agriculture Officer, Chivemla 4. Mandal Agriculture Officer, Penpahad 5. Mandal Agriculture Officer, Athmakur(S) 	asst.directorofagriculture2012@gmail.com	7288894516
3	ADA® Kodad-508206.	T. Vasu, ADA	<ol style="list-style-type: none"> 1. P. Srihari ,Sr.Asst 2. Mandal Agriculture Officer, Kodad 3. Mandal Agriculture Officer, Mothey 4. Mandal Agriculture Officer ,Munagala 5. Mandal Agriculture Officer, Nadigudem 6. Mandal Agriculture Officer, Chilkur 7. Mandal Agriculture Officer, Ananthagiri 	adakodad2016@gmail.com	7288894529
4	ADA® Thungathurthy-508280	B. Jaggu Naik, ADA	<ol style="list-style-type: none"> 1.M. Jayasri Sr. Asst 2. Mandal Agriculture Officer, Thungaturthy 3. Mandal Agriculture Officer, Thirumalagiri 4. Mandal Agriculture Officer, Nuthankal 5. Mandal Agriculture Officer, Arvapally 6. Mandal Agriculture Officer, Maddirala 	adatty2018@gmail.com	7288894522

			7. Mandal Agriculture Officer, Nagaram		
5	ADA® Huzurnagar- 508204	P. Sandhyarani, ADA	1. M.Venkateshwar Reddy, Sr.Asst 2. Mandal Agriculture Officer ,Huzurnagar 3. Mandal Agriculture Officer ,Garidepally 4. Mandal Agriculture Officer, Mellachervu 5. Mnadal Agriculture Officer ,Chintalapalem 6. Mandal Agriculture Officer, Neredcherla 7. Mandal Agriculture Officer ,Palakeedu 8. Mandal Agriculture Officer, Mattampally	adarhuzurnagar@gmail.com	7288894193

**Statement Showing of the furnish the information of RTI Act - 2005 in District
Agriculture Office, Vikarabad District**

Sl. No.	Office Address	APIO	PIO	Emails ID	Phone number
1	2	3	4	5	6
1	District Agriculture Office, Vikarabad District	Smt. Y.Jhansi Laxmi Bai, Agriculture Officer (Tech)	Smt. S.V.Bharathi, Asst. Director of Agriculture	daovikarabad@gmail.com	1) 7288878461 (PIO) 2) 6302830017 (APIO)
2	Asst. Director	Smt.	Sri.	adavikarabad	1) 7288894667

	of Agriculture ® Vikarabad Division	G.Prasanna Laxmi, Mandal Agriculture Officer	L.VinodKumar , Asst. Director of Agriculture	@gmail.com (PIO) prasanna50in @yahoo.com (APIO)	(PIO) 2) 7288894666 (APIO)
3	Asst. Director of Agriculture ® Pargi Division	Sri.Veerasm my Mandal Agriculture Officer	Sri. M.Veerappa, Asst. Director of Agriculture	adapargi09@g mail.com (PIO) swamyjvs@gm ail.com (APIO)	1) 7288894660 (PIO) 2) 7288894663 (APIO)
4	Asst. Director of Agriculture ® Tandur Division	Sri. Nazeeruddin, Mandal Agriculture Officer	Sri. Shankar Rathod, Asst. Director of Agriculture	adatandur@g mail.com (PIO) nzm0927@gmai l.com (APIO)	1) 7288894672 (PIO) 2) 7288894676 (APIO)
5	Asst. Director of Agriculture ® Kodangal Division	Sri. Balaji, Mandal Agriculture Officer	Sri. V.VinayKumar , Asst. Director of Agriculture	adakodangal@ gmail.com (PIO) maokodangal @gmail.com (APIO)	1) 7288894347 (PIO) 2) 7288894348 (APIO)

NAME OF THE DISTRICT: WANAPARTHY

**APPELLATE AUTHORITY: DISTRICT AGRICULTURE OFFICER WANAPARTHY
DISTRICT**

OFFICE ADDRESS: 37-14/1, VALLABH NAGAR, WANAPARTHY O/o DISTRICT AGRICULTURE
OFFICER ,WANAPARTHY. 509103

PH NO. 7288894287

EMAIL ID: aownp@gmail.com

SIN o	Office Address	APIO PIO	E mail. ID	Phon e No.
----------	----------------	-------------	------------	---------------

1	OFFICE ADDRESS: 37- 14/1, VALLABH NAGAR, WANAPARTHY O/o DISTRICT AGRICULTURE OFFICER WANAPARTHY. 509103	Agriculture Officer (Tehnnical)	Asst.Direct or of Agric ulture® Wanapa rthy	dao-wnp- agril@telang ana.gov.in	7288 8784 38
2	Asst. Director of Agriculture® Wanaparth y 509103	Mandal Agriculture Officer Wanaparth y	Asst. Direct or of Agriculture ® Wanaparth y	purnaadawn p@gmail.co m	7288 8783 58
3		Mandal Agriculture Officer Kothakota			
4		Mandal Agriculture Officer Madanapur			
5		Mandal Agriculture Officer Weepangandla			
6		Mandal Agriculture Officer Peddamandadi			
7		Mandal Agriculture Officer Ghanpur			
8		Mandal Agriculture Officer Chinnambavi			
9		Mandal Agriculture Officer Gopalpet			
10		Mandal Agriculture Officer Pebbair			
11		Mandal Agriculture Officer Srirangapur			
12		Mandal Agriculture Officer Amarchinta			
13		Mandal Agriculture Officer Atmakur			

14		Mandal Agriculture Officer Revally			
15		Mandal Agriculture Officer Pangal			

Name of the District : Warangal(Rural)

Appellate Authority : District Agriculture Officer, Warangal Rural

Office Address : O/o District Agriculture Officer, Warangal Rural, Behind
Adalath, Hanmakonda, Warangal -506001

Mobile No : 7288894705

Email Id : jdawarangal@gmail.com

Sl. No.	Office Address	APIO	PIO	Email ID	Phone NO.
1	O/o District Agriculture Officer, Warangal Rural	Agricultural Officer (Tech) O/o DAO, Warangal Rural - 7288894709	Asst. Director of Agriculture (Trg) O/o DAO, Warangal Rural	jdawarangal@gmail.com	7288894783 (PIO)
2	O/o Asst. Director of Agriculture (R) Narsampet- 506132	Mandal Agricultural Officer, Narsampet -7288894755 Mandal Agricultural Officer, Khanapur- 7288894759 Mandal Agricultural Officer - Chennaraopet - 7288894756	Asst. Director of Agriculture (R) Narsampet	adansptwgl@gmail.com	7288894754 (PIO)

		Mandal Agricultural Officer, Nallabelly -7288894758			
		Mandal Agricultural Officer, Duggondi -7288894757			
		Mandal Agricultural Officer, Nekkonda -7288894760			
3	O/o Asst. Director of Agriculture (R)Parkal - 506164	Mandal Agricultural Officer, Parkal- 7288894722	Asst. Director of Agricultur e (R) Parkal	adaparkal@gmail.com	7288894721 (PIO)
	Mandal Agricultural Officer, Athmakur- 7288894723				
	Mandal Agricultural Officer, Shayampet- 7288894774				
	Mandal Agricultural Officer, Geesugonda- 7288894724				
	Mandal Agricultural Officer, Sangem- 7288894725				

		Mandal Agricultural Officer, Damera- 7288878489			
		Mandal Agricultural Officer, Nadikuda- 7288894722			
4	O/o Asst. Director of Agriculture (R) Wardhannapet- 506313	Mandal Agricultural Officer, Wardhannapet- 7288894720	Asst. Director of Agricultur e (R) Wardhann apet	adawardha nnapet@g mail.com	7288894716
		Mandal Agricultural Officer, Parvathagiri- 7288894719			
		Mandal Agricultural Officer, Rayaparthi- 7288894735			
5	O/o Deputy Director of Agriculture, (FTC), Warangal- 506007	Agricultural Officer O/o DDA (FTC) Warangal - 9866601168	Asst. Director of Agricultur e O/o DDA (FTC) Warangal	ftcwarangal @gmail.co m	7288894708 (PIO)
6	O/o ADA (PTL) Warangal-506007	Agricultural Officer O/o ADA (PTL) Warangal - 7288894789	Asst. Director of Agricultur e (PTL)	adaptlwgl@ gmail.com	7288894784 (PIO)

			Warangal		
7	O/o ADA (STL) Warangal-506007	Agricultural Officer O/o ADA (STL) Warangal - 7288878484	Asst. Director of Agriculture (STL) Warangal	adastlwgl@yahoo.com	7288894785 (PIO)
8	O/o ADA (FCO) Lab Warangal- 506001	Agricultural Officer O/o ADA (FCO) Lab Warangal	Asst. Director of Agriculture (FCO) Lab Warangal	fcowgl@gmail.com	7288894782 (PIO)

Name of the District : Warangal Urban
Appellate Authority : District Agriculture Officer, Warangal Urban
O/o District Agriculture Officer Address : Officer, Warangal Rural, Behind Adalath, Hanmakonda, Warangal-506001
Mobile No : 7288894705
Email Id : jdawaranga@gmail.com

Sl. No.	Office Address	APIO	PIO	Email ID	Phone NO.
1	O/o District Agriculture Officer, Warangal Urban	Agricultural Officer (Tech) O/o DAO, Warangal Rural & Urban - 7288878487	Asst. Director of Agriculture (Trg) O/o DAO, Warangal Rural & Urban	jdawaranga@gmail.com	7288894783 (PIO)
2	O/o Asst. Director	Mandal	Asst. Director	adawaranga@gmail.com	728889471

of Agriculture (R) Warangal Urban	Agricultural Officer, Warangal- 728889471 3	of Agriculture (R)Warangal Urban	al@gmail.com	5 (PIO)
	Mandal Agricultural Officer, Khila Warangal- 728889471 3			
	Mandal Agricultural Officer, Hanamkond a- 728889471 7			
	Mandal Agricultural Officer, Kazipet- 739626951 1			
	Mandal Agricultural Officer, Hasanparth y- 728889471 8			
	Mandal Agricultural			

	Officer, Dharmasagar- 728889472 8		
	Mandal Agricultural Officer, Velair- 728889472 8		
	Mandal Agricultural Officer, Kamalapur - 728889409 9		
	Mandal Agricultural Officer, Elkathurthy- 728889410 2		
	Mandal Agricultural Officer, Bhimadevar apally- 728889410 6		

Statement showing the APIO and PIOs information of Yaddari Buvanagiri District

S.No	Office Address	APIO	PIO	mail ID	PIO Cell No
1	O/o District Agriculture Officer , Yadadri Bhuvanagiri district -508126	Assistant director of Agriculture , O/o DAO , yadadri Bhuvanagiri District	District Agriculture Officer , Yadadri Bhuvanagiri district	daoyadadri1@gmail.com	7288894478
2	O/o Assistant Director of Agriculture (Regular) , Bhongir	Mandal Agriculture Officer Bhongir Mandal Agriculture Officer Bibinagar Mandal Agriculture Officer Pochampally Mandal Agriculture Officer Valigonda	O/o Assistant Director of Agriculture (Regular) , Bhongir	adabhongir@gmail.com	7288894183
3	O/o Assistant Director of Agriculture (Regular) , Alair	Mandal Agriculture Officer Alair Mandal Agriculture Officer Athmakur (M) Mandal Agriculture Officer Gundala	O/o Assistant Director of Agriculture (Regular) , Alair	ada.alair@gmail.com	7288894189
4	O/o Assistant Director of Agriculture (Regular) , Yadagirigutta	Mandal Agriculture Officer Yadagirigutta Mandal Agriculture Officer Thurkapally Mandal Agriculture Officer Rajapeta Mandal Agriculture Officer Bommalararam	O/o Assistant Director of Agriculture (Regular) , Yadagirigutta	adaygt2016@gmail.com	7288894536
5	U/c District Agriculture	Mandal Agriculture Officer Chowtuppal	District Agriculture	daoyadadri1@gmail.com	7288894478

Officer , Yadadri Bhuvanagiri district	Mandal Agriculture Officer Narayanpur	Officer , Yadadri Bhuvanagiri district	m
	Mandal Agriculture Officer Ramannapeta		
	Mandal Agriculture Officer Mothkur		
	Mandal Agriculture Officer Addagudur		
	Mandal Agriculture Officer Motakondur		

STATEMENT SHOWING THE PIOs OF ALL UNIT OFFICES UNDER NALGONDA DISTRICT.

Sl No	Name of the Office	Name of the PIO	Phone Number
1	O/o.District Agriculture officer, Nalgonda	Sri. Hussain Babu, ADA, PIO	7288894495
2	O/o.District Agriculture officer, Nalgonda	Sri.P.M.Keerthi, AO, APIO	7288894509
3	O/o.Asst. Director of Agriculture ® Nalgonda Pin.No.508001	Sri K.Nuthan Kumar, PIO	7288894497
4	O/o.Asst. Director of Agriculture ® Mungode Pin.No.508244	Sri.D.Yellaiah, ADA, PIO	7288894508
5	O/o.Asst. Director of Agriculture ® Miryalaguda Pin.No.508207	Smt.P.Nagamani, ADA, PIO	7288894542
6	O/o.Asst. Director of Agriculture ® Haliya Pin.No.508202	Sri.Jagdeeshwar Reddy, ADA, PIO	7288894169
7	O/o.Asst. Director of Agriculture ® Devarakonda	Sri.T.Vijayender Reddy ADA, PIO	7288894176

	Pin.No.508248		
8	O/o.Asst. Director of Agriculture @ Nakrekal	Sri.G.Sridhar Reddy, ADA, PIO	7288894501
9	O/o.Deputy Director of Agriculture (FTC) Nalgonda. Pin.No.508001	Smt.E.Sudarshini, DDA FTC, PIO	7288894490
10	O/o.Asst. Director of Agriculture(BCL) Nalgonda Pin.No.508001	Smt.N.Pranavi, Ao, PIO	7288800016
11	O/o.Asst. Director of Agriculture(STL) Miryalaguda Pin - 508207	Smt.V.Shanthi Nirmala, ADA (STL) PIO	7288894494
12	O/o.Asst. Director of Agriculture(Seed Farm) Dindi Pin - 508248	Sri.P.Sathyanandam ,ADA (Seed Farm) PIO	7288894496

Office Address: O/o. District Agriculture Office, Room No. 15, Pragathi Bhavan, Bhupalpally

Mobile No:7288894787

daojayashankar@gmail

Email.Id [.com](mailto:daojayashankar@gmail.com)

Sl.No	Office Address	APIO	PIO	Email.ID	Phone No
1	O/o. District Agriculture Officer, Pragathi Bhavan, Room No. 15, New Subhash Colony, Jayashankar Bhupalpally Dist. – Pin 506167	Agriculture Officer (Tech)	DAO, Jayashankar Bhupalpally	daojayashankar@ gmail.com	7288894787, 7288894707

2	O/o Asst Director of Agriculture (R) Bhupalpally C/o Mandala Samakya Office, Bhupalpally , Subash Colony, Jayashankar Bhupalpally Dist –Pin 506167	Mandal Agriculture Officer	Asst Director of Agriculture	adabhupalpally 71@gmail.com	7288894771, 7288894772
3	Assistant Director of Agriculture®,Dubbagud em, Mahadevpur- 505504	Mandal Agriculture Officer, Mahadevpur	Assistant Director of Agriculture®,Mah adevpur	adamahadevpur@g mail.com	7288894160, 7288894161