

## **STRENGTHENING OF SEED PRODUCTION CHAIN**

**Introduction:** Telangana is endowed with excellent climatic conditions which are suitable for seed production of Paddy varieties, pulses, oil seeds and hybrids crops of Cotton, Sorghum, Maize, Bajra, Sunflower, Fodder Sorghum and vegetable crops. Best quality seed is produced due to congenial climate prevailing for seed production and the farmers have become expert in seed production of different crops over a period of four decades of seed production in Telangana State.

Telangana State is involved in production and supply of good quality seed to farmers all over India and also to other countries. Around 40% of the hybrid seed marketed in the country is produced in Telangana. It is planned to develop the Telangana State as a Seed Bowl by Strengthening the Seed Production Chain and development of infra structure for promotion and multiplication of new varieties, production of Soybean and other crop seeds and to develop each village as a Seed Village in the next five years.

### **Objective:**

1. Production of certified seed of various crops new varieties / HYV / Hybrids in identified villages and to develop each village as a seed village to develop Telangana State as Seed Bowl.
2. Strengthening the Seed Production Chain and development of infra structure.
3. Production of quality seeds with good genetic potential appropriate to the agro-climatic conditions in sufficient quantity at affordable price and made available to the farmers timely for achieving higher agricultural production.

### **Implementation:**

Seed Production and distribution is a continuous process. To produce quality/certified seed and to develop State as Seed Bowl, a long term Seed Production Plan is prepared by the Department by involving various Research Institutions, Government Department/ Agencies and Private Seed Producing Agencies. There are three

stages of seed production which are to be strengthened to produce required quantity of certified seed and to develop each village as a Seed Village.

1. Breeder seed: is produced and supplied by the SAU and ICAR Institutes.
2. Foundation seed: The Breeder seed will be procured and multiplied into Foundation seed by the TSSDC, NSC, SSF, OILFED, HACA and Private Seed Companies.
3. Certified seed: The Foundation seed is further multiplied to certified seed by TSSDC, NSC, SVP, OILFED, HACA and Private Seed Companies.

The Government has been allocating funds towards Strengthening of Seed Production Chain and development of infrastructure like seed storage facilities, Irrigation facilities, cold storage facilities, Research facilities, Threshing yards and required machinery for seed processing and packing in Agricultural University, Research Stations and Seed Supplying Nodal Agencies namely TSSDC, OILFED, HACA and State Seed Farms in the State. Government is insisting the University and nodal agencies to produce required quantities of Breeder, Foundation and Certified seeds to meet the requirement of the State for which the Government is providing financial assistance to develop required processing and storage facilities.