

**PROFESSOR JAYASHANKAR TELANGANA STATE
AGRICULTURAL UNIVERSITY**

**Agro Climate Research Centre (ACRC),
Agricultural Research Institute, Rajendranagar, Hyderabad-30.**



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**WEATHER BASED AGROMET ADVISORIES
FOR TELANGANA STATE**

FROM DATE: 19.10.2021 (Tuesday) TO 23.10.2021 (Saturday)



Grameen Krishi Mausam Seva (GKMS Project)

INDIA METEOROLOGICAL DEPARTMENT, NEW DELHI.

Weather details of past 3 days:

During the last three days heavy rains occurred at isolated places and light to moderate rains occurred at few places over different parts of the State. The maximum and minimum temperatures ranged between 28-35⁰C and 18-26⁰C respectively.

Forecasted weather for the next 5 days:

As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains very likely to occur at isolated places over different parts of the State during next two days. The maximum and minimum temperatures are likely to range between 30-36⁰C and 18-26⁰C respectively.

Weather based Agromet Advisories

- Take up sowing of Chickpea, Groundnut, Sorghum, Greengram, Blackgram, Mustard and Safflower crops where ever irrigation facility is available.

Rice

- To control the incidence and further spread of Bacterial Leaf Blight (BLB), spray Agrimycin @ 0.4 g or Plantomycin@ 0.2g per litre water.
- Prevailing weather conditions are congenial for incidence of False smut disease in rice. To control, spray Propiconazole @ 1 ml per litre of water.
- Prevailing weather conditions are congenial for incidence of Blast disease in rice. Monitor the incidence of the disease and if noticed, spray Tricyclazole @ 0.5 g or Isoprothiolane @ 0.5 ml or Kasugamycin @ 2.5 ml per litre of water.



Blast disease in Rice



False smut disease in rice

Cotton

- Prevailing weather conditions are congenial for incidence of Leaf spot and Sucking Pests in cotton. To control, spray Carbendazim @ 1 g + Acephate @ 1.5 g per liter of water.
- Prevailing weather conditions are congenial for incidence of Boll Rot and Black arm disease in Cotton. To control, spray Paushamycin @ 1 g or

Streptocycline @ 1 g and Copper oxy chloride @ 30 g per 10 liter of water thrice at 15 days interval.

- Reddening of leaves is noticed in cotton. To control spray Magnesium Sulphate @ 10 g and Zinc Sulphate @ 2 g per liter of water twice in 10 days interval.
- Prevailing weather conditions are congenial for incidence of flower drop and boll drop in cotton. To control spray Planofix @ 2 ml per 10 liters of water twice at 10 days interval.
- Prevailing weather conditions are congenial for the incidence of Tobacco Streak Virus in cotton. To manage the disease
 - Remove weeds like Parthenium, Achiranthus, Tridox weeds in and around the field before flowering stage.
 - Monitor the vector (thrips) with yellow and white sticky traps.
 - Spray Neem Oil (1500 PPM) or 5% NSKE @ 5 ml per liter of water.
 - Spray Imidachloprid @ 0.25 ml or Acetamiprid @ 0.2 g or Diafenthiuron @ 1.25 g per liter of water twice at weekly interval by changing the insecticides.

Redgram

- Prevailing weather conditions are congenial for incidence of
 - Phytophthora wilt in redgram, to control soil drench with Copper-Oxy-Chloride @ 3 ml per liter of water.
 - Leaf spot in redgram. To control, spray Carbendazim @ 1 g per liter of water.

Vegetables

- If incidence of sucking pests is noticed. To control, spray Dimethoate @ 2 ml or Acephate @ 1.5 g per litre of water.
- Prevailing weather conditions are congenial for Leaf spot in vegetable crops. To control, spray Carbendazim @ 1 g or Propiconazole @ 1 ml per liter of water twice in 15 days interval.
- Incidence of Shoot and Fruit Borer is noticed in Brinjal. To control,
 - Installation of pheromone traps to monitor the fruit and shoot borer
 - Clip the infested shoots and destroy
 - Spray Profenophos @ 2 ml or Emamectin Benzoate @ 0.4g per liter of water
- If the incidence of Spodoptera is noticed in vegetable crops. To control, spray Novaluron @ 1.25 ml per liter of water.
- Prevailing weather conditions are congenial for the incidence of bacterial leaf spot diseases in Chillies. To control, spray Copper-Oxy-Chloride @ 30 g + Plantomycin @ 1 g in 10 liters of water twice in weekly interval.

Citrus

- Prevailing weather conditions are congenial for flower and fruit drop in citrus. To control, spray Carbendazim @ 100 g + Planofix @ 1.5 g per 100 liters of water.
- To control citrus mite, spray Spiromesifen @ 1 ml or Dicofol @ 3 ml per liter of water.

Guava

- Prevailing weather conditions are congenial for Wilt disease in Guava. To control, avoid stagnation of water at the tree basin and take up soil drenching in the tree basin with Carbendazim @ 1 g per liter of water.

Livestock & Poultry

- Prevailing weather conditions are congenial for the occurrence of
 - Ranikhet disease in poultry, ET, sheep pox and PPR in Sheep
 - Hemorrhagic Septicemia, Foot and mouth disease in cattle and Buffaloes.To prevent the diseases, vaccinate the animals

**Principal Scientist (Agro) & Head
Agro Climate Research Centre (ACRC),
PJTSAU, Rajendranagar, Hyd-30.**