

PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY



Agro Climate Research Centre (ACRC),
Agricultural Research Institute, Rajendranagar, Hyderabad-30.
**WEATHER BASED AGRO ADVISORIES FOR THE
PERIOD ENDING 22.04.2020 (Till Wednesday morning)**



Bulletin No. XXXI/31/2020

Dt: 17.04.2020

During the last three days light to moderate rainfall occurred over the State. The maximum and minimum temperatures ranged between 37-41°C and 20-27°C respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains or thunder showers very likely to occur at isolated places over different parts of the state during the next five days. The maximum and minimum temperatures are likely to range between 38-43°C and 22-27°C respectively.

WEATHER BASED AGRO-ADVISORIES

- In view of the thunderstorm activity and rainfall forecast during the next five days. Farmers are advised to
 - Cover the already harvested crop produce with tarpaulin to avoid post harvest losses.
 - Postpone the transportation of the crop produce to the markets.

Rice

- Incidences of Whorl maggot and stem borer are noticed in rice. To control, Spray Cartap Hydrochloride 50%SP @ 2 g/litre of water.
- Weather is congenial for the incidence of thrips in rice, to control, spray Fipronil @ 2ml/litre of water.

Vegetables

- 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 litre of water
- If the incidence of Spodoptera is noticed in vegetable crops. To control, spray Novaluron @ 1.25 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of Powdery Mildew disease in vegetables. To control spray Wettable Sulphur @ 3.0 g or Kerathen @ 1.0 ml or Hexaconazole @ 2 ml per litre of water.
- Prevailing weather conditions are congenial for the incidence of leaf spot disease in Vegetables. To control spray Carbendazim @ 1.0 g or SAAF @ 2.0 ml per litre of water.
- If the incidence of sucking pests is noticed in vegetables, control it by spraying Dimethoate @ 2 ml or Acephate @ 1.5 g per litre of water.

Chillies

- If the incidence of Thrips and Mites are noticed in Chillies. To control, spray Diafenthion @ 1.5 g or Chlorfenapyr @ 2 ml per litre of water.

Mango

- Incidence of Hoppers, Mealy Bugs and Scale Insects are noticed in Mango. To control, spray Dimethoate @ 2 ml per litre of water.
- To avoid fruit drop, spray 1% urea (10 g urea per liter of water) or Planofix @ 1 ml per 4.5 litre of water.

Livestock

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

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