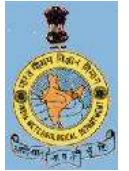


PROFESSOR JAYASHANKAR TELANGANA STATE AGRICULTURAL UNIVERSITY



Agro Climate Research Centre (ACRC),
Agricultural Research Institute, Rajendranagar, Hyderabad-30.
WEATHER BASED AGRO ADVISORIES FOR THE
PERIOD ENDING 12.08.2020 (Till Wednesday morning)



Bulletin No. XXXI/63/2020

Dt: 07.08.2020

During the last three days light to moderate rains occurred at many places over different parts of the State. The maximum and minimum temperatures ranged between 26-34⁰C and 21-26⁰C respectively. As per the forecast received from Meteorological Centre, Hyderabad, light to moderate rains may occur at many places over different parts of the state during the next five days. The maximum and minimum temperatures are likely to range between 28-34⁰C and 21-25⁰C respectively.

WEATHER BASED AGRO-ADVISORIES

- Drain out excess water from the fields of rainfed crops wherever heavy rainfall received.

Rice

- Apply Carbofuran 3G @ 1 kg/200 sq.m. (5 cents) to rice nurseries one week before pulling nursery.
- Take up transplanting of rice in East-West direction with 20 cm alleyways at 2 m interval to minimize the incidence of BPH during the crop season.
- Prevailing weather conditions are congenial for the incidence of Hispa and Stem borer in rice. If incidence is noticed, to control

Hispa

- Spray Profenophos @ 2ml or Chlorpyrifos @ 2.5 ml per liter of water.

Stem Borer

- Apply Carbofuran 3G @ 10kg or Phorate @ 4 kg per acre at 15-20 days after transplanting.

Maize

- Incidence of Fall army worm (*Spodoptera Frugiperda*) is noticed in Maize crop. To control,
 - Poison baiting with Thiodicarb (mix 10kg rice bran + 2 kg jaggery + 2-3 liters of water; keep the mixture for 24 hours to ferment and add 100 g Thiodicarb just half an hour before the application in the field). The bait application should be done into the whorl of the plant.
 - Spray Emamectin benzoate @ 0.4 g or Chlorantriliprole @ 0.4 ml per liter of water into the whorl of the plant.
- In view of available soil moisture, go for top dressing of Urea @ 60 kg per acre in maize at knee height stage.

Cotton

- Prevailing weather conditions are congenial for the incidence of sucking pests in cotton, to control, apply Monocrotophos and water in 1:4 ratio with a soft brush on tender part of the stem for 30 days old crop.
- In view of available soil moisture, go for top dressing of Urea @ 25 kg per acre and MOP @ 10 kg per acre.

Redgram

- Prevailing weather conditions are congenial for incidence of Aphids in redgram. To control, spray Monocrotophos @ 1.6 ml or Acephate @ 1.5 g and Urea @ 20 g or Multi K @ 5 g per liter of water.

Soybean

- Prevailing weather conditions are congenial for incidence of Stem Girdle Beetle in Soybean. To control, spray Triazophos @ 1.25 ml per liter of water.
- Prevailing weather conditions are congenial for incidence of stem fly in soybean. To control spray Acephate @ 1.5 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.
- Take-up nursery sowing of Tomato, Brinjal and Chillies
- Take-up direct sowing of Gourds, Beans and Bhendi wherever irrigation facility is available.
- Prevailing continuous rains and cloudy weather is congenial for incidence of damping off in vegetable nurseries. To control, adopt the following measures,
 - Drench nursery bed with Copper-Oxy-Chloride @ 3 g per litre of water.
 - Provide adequate drainage.
 - Treat the seed with Imidachloprid @ 5g and Captan @ 3g per kg seed to prevent the incidence of sucking pests and leafspot disease in the nursery.
 - Raise the nursery bed and sow the seeds in a row at a distance of 10 cm.

Cattle and buffaloes

- 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),
PJ TSAU, Rajendranagar, Hyd-30.**