



Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

PJTSAU,

Rajendranagar, Hyderabad



Agromet Advisory Bulletin

Date : 06-04-2021

Weather Forecast of NIRMAL(Telangana) Issued On : 2021-04-06(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2021-04-07 | 2021-04-08 | 2021-04-09 | 2021-04-10 | 2021-04-11 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall | 0.0 | 0.0 | 0.0 | 2.0 | 5.0 |
| Tmax(°C) | 40.0 | 40.8 | 39.1 | 38.4 | 37.5 |
| Tmin(°C) | 24.5 | 24.4 | 24.3 | 24.3 | 23.3 |
| RH-I(%) | 52 | 60 | 61 | 65 | 70 |
| RH-II(%) | 24 | 24 | 25 | 29 | 37 |
| Wind Speed(kmph) | 6.1 | 4.6 | 8.7 | 9.8 | 9.3 |
| Wind Direction(Degree) | 202 | 194 | 170 | 100 | 119 |
| Cloud cover(octa) | 0 | 1 | 2 | 3 | 2 |

Weather Summary/Alert:

During last three days Dry weather prevailed over different parts of the district. As per the forecast received from Meteorological Centre, Hyderabad light rains may received on 10.04.2021 and 11.04.2021 over different parts of the district. maximum temperatures will be 37.5-40.8°C, minimum temperatures will be 23.3-24.5°C.

General Advisory:

The Prevailing weather conditions are favourable for white fly in bhendi crop. To control arrange yellow sticky traps in the field and spray acephate @ 1.5 g @ 0.2 ml /lit of water.

SMS Advisory:

To control sucking pests in vegetables, spray Dimethoate @ 2ml. or Acephate @ 1.5 g. per litre of water.

Crop Specific Advisory:

| Crop(Varieties) | Crop Specific Advisory |
|--------------------------|--|
| SESAME (GINGELLY/TIL) | Present dry conditions are favorable for sucking pest infestation in sesame. To control aphids spray imidacloprid @ 0.3 ml or Acephate @ 1.5 g. per litre of water. To control thrips and jassids spray dimethoate @ 2 ml per litre of water. |
| GREEN GRAM | If incidence of yellow mosaic observed in greengram and blackgram, to control remove the infested plants at early stage and control white flies by spraying Methyl demeton 2 ml or Acetamiprid 0.3g or difenthiuron 1.5 g. per litre of water. |

| Crop(Varieties) | Crop Specific Advisory |
|----------------------|--|
| TOMATO | According present high temperatures the irrigation must be conduct at each 5-6 days interval. Prevailing weather conditions are congenial for the incidence of leaf blight disease in tomato. To control, spray Mancozeb @ 2.5 g or Propiconazole @ 1 ml per liter of water twice at 15 days interval. Prevailing weather conditions are congenial for the incidence of thrips in tomato. Monitor the pest, if noticed control it by spraying fipronil @ 2 ml per liter of water. |
| OKRA/ LADIES' FINGER | The Prevailing weather conditions are favourable for white fly in bhendi crop. To control arrange yellow sticky traps in the field and spray acephate @ 1.5 g @ 0.2 ml /lit of water. |
| RICE | Panicle initiation to grain formation is sensitive to water stress in paddy. Prevailing high temperatures may cause the damage of yield by reduction grain filling. Farmers are suggested to maintain the sufficient water levels in field under these conditions. Prevailing weather conditions are favourable for stem borer in paddy. To control this spray Cartap hydrochloride@2g or Chlorantraniliprole@ 0.3 ml per liter of water. The prevailing weather conditions are favourable for blast in rice. To control this spray tricyclazole @ 0.6 g. or isoprothiolane @1.5 ml or mancozeb+ tricyclazole @ 2.5 g per litre of water twice in 10-15 days interval. |

Horticulture Specific Advisory:

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|--|
| MANGO | The present weather conditions are favorable for occurrence of fruit borer in mango orchards. To control fruit borer spray Chlorpyrifos 2.5 ml or dichlorovas 1.5 ml or carbaryl 3 g. + Neem oil (1500ppm) 2.5 ml per liter of water for 2 sprays in 15 days interval. Irrigation at present stage of mango crop (fruits development) increases the size of the fruit and yields |
| BRINJAL | Prevailing weather conditions are congenial for the incidence of shoot & fruit borer in brinjal. Spray Cloranthaliprol 18.5 SC @ 0.3 m.l or Emamectin Benzoate 5 SG @ 0.4 gr/lit after collecting of fruits with 10 days interval. |
| CHILLI | To control sucking pests in vegetables, spray Dimethoate @ 2ml. or Acephate @ 1.5 g. per litre of water. |