



# Gramin Krishi Mausam Sewa

District Level Agromet Advisory Bulletin

PJTSAU,

Rajendranagar, Hyderabad



## Agromet Advisory Bulletin

Date : 06-04-2021

Weather Forecast of NAGARKURNOOL(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	3.0	0.0	0.0	0.0	0.0
Tmax(°C)	39.6	40.6	39.2	38.6	37.7
Tmin(°C)	25.7	25.4	25.1	24.6	24.3
RH-I(%)	66	63	68	64	66
RH-II(%)	44	43	43	45	44
Wind Speed(kmph)	6.8	6.8	6.1	6.1	6.1
Wind Direction(Degree)	153	153	146	118	122
Cloud cover(octa)	3	1	1	1	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, in coming 24 hours there may chances to get light rains over one or places of District. Then dry weather may prevail during next four days. The maximum and minimum temperatures are likely to range between 37.7 to 40.6 0C and 24.3 to 25.7 0C respectively. Wind direction may be from South East with speed may likely to range from 6 to 7 km per hour.

### General Advisory:

Postpone the chemicals spraying operation.

### SMS Advisory:

• If Blast disease was observed in Paddy. To control, spray Tricyclazole @ 0.6 g or Isoprothaiolane @ 1.5 ml or Kasugamycin @ 2.5 ml per litre of water twice at 10-15 days of interval.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	• Prevailing weather conditions are congenial for the infestation of Stem Borer to control, spray cartaphydrochloride @ 2 g per litre of water. • Due to prevailing weather conditions and high amount of irrigation water in the field, Stem rot disease is observed in paddy ,To control spray Propiconazole @ 1.0 ml per litre of water.

Crop(Varieties)	Crop Specific Advisory
CASTOR	<ul style="list-style-type: none"> <li>To control Tobacco caterpillar in castor, o Install 4-5 Pheromone traps per acre to monitor the Tobacco caterpillar. o Initially spray Monochrotophos @ 2 ml or Novaluron @ 1 ml per litre of water.</li> <li>Prevailing weather conditions like high temperatures may leads to infestation of Green hoppers and Thrips. To control spray Acephate @ 1.5 g or Acetamiprid @ 0.3 g or Imidacloprid @ 0.3 ml or Profenophos @ 2 ml per litre of water.</li> <li>If capsule borer is observed in castor, to control spray Profenophos @ 2 ml or Novaluron @ 1 ml per litre of water.</li> </ul>
MAIZE	<ul style="list-style-type: none"> <li>To control Fall Army Worm in maize, o Install 6-10 Pheromone traps per acre to monitor Fall Army Worm incidence. o To control Fall Army Worm 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. o Spray Eamectin benzoate @ 0.4 g or Thiamethoxam 9.5% + Lambda cyhalothrin 12.6% - 0.5 ml or Chlorantraniliprole @ 0.3 ml per litre of water.</li> </ul>
CHICK PEA	<ul style="list-style-type: none"> <li>Dry root rot is noticed in chickpea to avoid this give irrigation to the crop during dry period.</li> </ul>
TOMATO	<ul style="list-style-type: none"> <li>In Tomato, Water melon, Cucumber, Musk melon and Gourds due to high temperatures in summer Ca and B deficiency may occur during fruit development stage so, spray twice with Boron @ 2g and Calcium Nitrate @ 5 g per litre of water at 7-10 days interval.</li> <li>To control Spodoptera in vegetable crops spray Novaluron @ 1.25 ml per litre of water.</li> </ul>
OKRA/ LADIES' FINGER	<ul style="list-style-type: none"> <li>Green leaf hopper acts as a host to spread of viral diseases in Bhendi. So, to control spray twice with Neem oil (Azadiractin)1500 ppm @ 5 ml or Fipronil @ 2 ml or Acetamiprid @ 0.25 g.</li> </ul>

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	<ul style="list-style-type: none"> <li>Incidence of Shoot and Fruit borer is noticed in Brinjal. o Install 4 Pheromone traps per acre to monitor the fruit and shoot borer. o Clip the infested shoots and destroy. o Spray Chlorantraniliprole @ 0.3 ml or Eamectin benzoate @ 0.4 g per litre of water.</li> </ul>
ONION	<ul style="list-style-type: none"> <li>15 day before pulling of onion crop spray Carbendazim @1 g per litre of water and also stop irrigation.</li> </ul>
CHILLI	<ul style="list-style-type: none"> <li>To control Thrips and Mites spray Diafenthuron @ 1.5 g per litre of water.</li> </ul>
MANGO	<ul style="list-style-type: none"> <li>For proper fruit development in mango spray 13-0-45 (Potassium Nitrate) @ 10g per litre of water.</li> <li>Fruit borer damage was observed in Mango. To control spray Chlorpyriphos @ 2.5 ml or Lambda cyhalothrin @ 1 ml + Neem oil (1500 ppm) 2.5 ml per litre of water.</li> </ul>
BITTER GOURD	<ul style="list-style-type: none"> <li>Incidence of Fruit Fly is noticed in Bitter gourd, Ridge gourd, Coccinia, Water melon and Musk melon. To control, install Pheromone traps 10-12 per acre, spray Malathion @ 2 ml per litre of water. Application of Poison bait that is mixture of 100 ml Malathion and 100 g Sugar or Jaggery in 10 litres of water @ 10-12 bowls randomly across the field to attract the mother fruit flies.</li> <li>To control Powdery mildew in Ridge gourd, Bitter gourd, Bottle gourd and Sneak gourd, spray Mancozeb @ 2.5g or Metalaxyl @ 2 g per litre of water.</li> <li>To increase female flowers in Gourds, spray twice with Borax @ 3 g. per litre of water or Etharyl @2.5 ml per 10 litres of water in 7 days interval.</li> <li>Due to high temperatures there may chances for incidence of Thrips in gourds. To control spray Imidacloprid @0.3 ml or Eamectin benzoate @ 0.4 g. or Spinosad 0.3 ml per litre of water.</li> </ul>