



Gramin Krishi Mausam Sewa
District Level Agromet Advisory Bulletin
 PJTSAU,
 Rajendranagar, Hyderabad



Agromet Advisory Bulletin

Date : 06-04-2021

Weather Forecast of NALGONDA(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	0.0	2.0
Tmax(°C)	39.2	38.6	38.0	37.8	36.4
Tmin(°C)	22.2	21.7	21.4	21.9	21.0
RH-I(%)	74	72	74	76	77
RH-II(%)	37	39	33	41	40
Wind Speed(kmph)	10.1	11.5	10.3	9.4	11.8
Wind Direction(Degree)	148	148	151	151	102
Cloud Cover(Octa)	3	0	0	1	1

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 Dry weather may prevail over different parts of the District during next five days.

General Advisory:

• Prevailing weather conditions are congenial for the incidence of BPH in rice. Monitor the pest if noticed control it by spraying Acephate @ 1.5 g or Buprofezin @ 1.6 ml per liter of water. • Incidence of Panicle mite is observed in rice. To control, spray Spiromesifen @ 1 ml + Propiconazole @ 1 ml per litre of water. • To control sheath rot in rice, spray Carbandazim 50% WP @ 1g or Carbandazim + Mancozeb 2g or Propiconazole 1 ml or Tebuconazole + Tryploxistobin W.G @ 0.4 g per liter of water.

SMS Advisory:

To control sheath rot in rice, spray Carbandazim + Mancozeb 2g or Propiconazole 1 ml or Tebuconazole + Tryploxistobin W.G @ 0.4 g per liter of water.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
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RICE	<ul style="list-style-type: none"> Control measures of Blast in Rice: □ In preliminary stage spray, Isoprothiolane @ 1.5 ml/L or Kasugamycin 2.5 ml/L or Tricyclazole + Mancozeb 2.5 g. per liter of water, two times with an interval of 5-7 days. □ If disease is intense, spray mixed fungicides i.e., Picoxystrobin 6.78% + Propiconazole 20.33% @ S.C @ 2 ml/L or Propiconazole 10.7% + Tricyclazole 34.2% S.E @ 1ml or Tebuconazole + Tryploxistobin @ 0.4 g per liter of water. □ Do not mix new mixed fungicides with other insecticides and nutrients while spraying. □ If Blast is noticed, do not dry the field, it may aggravates the Blast intensity. • Prevailing weather conditions are congenial for the incidence of Stem borer, to control them by spraying Cartap Hydrochloride 50 S.P @ 2 g. or Chlorantriliniprole @ 0.3 ml per liter of water. • If noticed Stem borer and Blast (Neck blast) at same time, spray Chlorantriliniprole 60 ml + Tryploxistobin + Tebuconazole 80 g per acre or Chlorantriliniprole 60 ml + Isoprothiolane 300 ml as per recommendation. • Incidence of Bacterial Leaf Blight is noticed in rice. To manage the disease spray Plantomycin @ 1.0 g or Blitox @ 3.0 g per liter of water. • Incidence of Stem rot is noticed in rice. To control, spray two times Hexaconazole 5 E.C or 5 S.C @ 2 ml or Validamycin @ 2 ml or Propiconazole @ 1 ml or Tebuconazole @ 1 ml or Carbendazim @ 1 g. per litre of water with an interval of 15 days. • Prevailing weather conditions are congenial for the incidence of BPH in rice. Monitor the pest if noticed control it by spraying Acephate @ 1.5 g or Buprofezin @ 1.6 ml per liter of water. • Incidence of Panicle mite is observed in rice. To control, spray Spiromesifen @ 1 ml + Propiconazole @ 1 ml per litre of water. • To control sheath rot in rice, spray Carbandazim 50% WP @ 1g or Carbandazim + Mancozeb 2g or Propiconazole 1 ml or Tebuconazole + Tryploxistobin W.G @ 0.4 g per liter of water.
GROUNDNUT	<ul style="list-style-type: none"> Control Measures of Aflotaxin in Ground nut • Normally Aflotaxin attacked nuts look like shrunken or light coloured and they should be removed as early as possible after harvest. By doing this we can control the spread of infection to remaining nuts. • While storing, maintain ≤ 9% of Seed moisture and apply Thiram or Captan @ 3 g. per 1 kg seed and store in polythene bags.
TOMATO	<ul style="list-style-type: none"> To control Tomato Pin worm, Spray Spinosad @ 0.3 ml or Indaxocarb @ 1.75ml per liter water, 2-3 times in a week by changing chemicals. • Prevailing weather conditions are congenial for Bacterial leaf spot in Tomato. To control, spray copper oxy chloride @ 3 g or Metalaxyl + Mancozeb @ 2 g per liter of water
RIDGE GOURD	<ul style="list-style-type: none"> Spray Borax @ 2gr per liter of water to Creeper crops at 4-5 leaf stage and fruit development stage. • To control fruit fly in Ridge guard, Bitter gourd and Coccinia, install Pheromone traps 4-5 per acre, spray Malathion @ 2 ml or Profenophos @ 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 litre of water @ 10-12 randomly across the field to attract the mother fruit flies. • To control Powdery mildew in Ridge gourd, Bitter gourd, Bottle gourd and Sneak gourd, spray Metalaxyl + Mancozeb @ 2g per liter of water

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
SWEET ORANGE	<ul style="list-style-type: none"> To control Stem rot in Sweet orange and Acid lime, Spray Carbandazim @ 1g per liter of water once in a month from marble fruit size to till it obtains full size. • Prevailing weather conditions are congenial for Dry root rot in Sweet orange and Acid lime. To control Irrigate the trees regularly, If noticed initially, irrigate the field and next day drench the soil near tree base with Copper oxy Chloride @ 3 g. per litre of water or 1% Bordeaux Mixture. Use more of Organic fertilizers such as green manures and apply the mixture of 1 Kg of Trichoderma culture with 90 kg farmyard manure and 10 kg Neem powder incubated for 15 days near tree base @ 10 kg mixture per plant. Spray Urea @ 1 kg per 100 litres of water.
ACID LIME	<ul style="list-style-type: none"> To control Yellow Mosaic Virus in Sweet orange and Acid lime, Spray Formula-4 @ 5 g per liter of water at early leaf stage. • Incidence of Mangu mite is noticed in Acid lime and Sweet orange. To control spray Dicofal @ 5 gr or propargite @ 1 ml per litre of water, two times with an interval of 15 days. • To control leaf folder in Acid lime and Sweet orange, spray Neem oil 10,000 ppm @ 5 ml or Profenofos 50 E.C @ 2ml or Novaluron 10 E.C @ 0.7 ml per litre of water.

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MANGO	To control Mango fruit fly: • Apply Perathion around the tree basin @ 50-100 g. per tree to control pupae in the soil. • To attract adult flies arrange white or Yellow Methyl eugenol traps @ 4 per acre. • Application of Poison bait that is mixture of 50 ml Malathion and 200 g. Molasses or Jaggery in 2 litre of water across the field to attract the adult fruit flies.
BRINJAL	• Incidence of Shoot and Fruit Borer is noticed in Brinjal. To control, Install 4 pheromone traps per acre to monitor the fruit and shoot borer. Clip the infested shoots and destroy. Spray chlorantraniliprole 18.5 SC @ 0.3-0.4 ml or Emamectin Benzoate @ 0.4g per liter of water
CHILLI	• If incidence of thrips is noticed in Chillies, to control spray Spinosad @ 0.3 ml per liter of water.