



**Gramin Krishi Mausam Sewa**  
District Level Agromet Advisory Bulletin  
Acharya N.G. Ranga Agriculture University  
Lam, Guntur, Andhra Pradesh



## Agromet Advisory Bulletin

Date : 27-11-2020

Weather Forecast of CHITTOOR(Andhra Pradesh) Issued On : 2020-11-27(Valid Till 08:30 IST of the next 5 days)

Parameter	2020-11-28	2020-11-29	2020-11-30	2020-12-01	2020-12-02
Rainfall	17.0	7.0	6.0	7.0	17.0
Tmax(°C)	26.5	27.5	27.1	29.3	28.4
Tmin(°C)	19.8	19.2	19.3	19.5	20.2
RH-I(%)	95	95	95	93	96
RH-II(%)	76	72	75	71	91
Wind Speed(kmph)	18.6	21.0	19.9	16.8	15.1
Wind Direction(Degree)	68	68	63	62	52
Cloud Cover(Octa)	5	6	7	8	8

### Weather Summary/Alert:

Cloudy weather with moderate to heavy rainfall may prevail in the upcoming 5 days with maximum temp of 26-29°C and minimum temperature of 19-20°C.

### General Advisory:

In areas where Paddy crop at maturity was inundated due to NIVAR cyclone, farmers are advised to drain out the field and spray 5% salt solution on the ear heads to prevent grain germination and discolouration.

### SMS Advisory:

In view of rains farmers are advised to drain out the excess water stagnated in fields.

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	<ul style="list-style-type: none"> <li>• Due to excess rains received in most of the mandals in the district due to “NIVAR” cyclone farmers are advised not to take up groundnut sowings immediately as there is chance of occurrence of seedling rot due to excess moisture. Since there is sowing time farmers are advised to take up groundnut sowing in the month of December first fortnight. • Must ensure seed rate of 60-80 kilo per acre and 44 plants/m<sup>2</sup>.</li> </ul>
RICE	<ul style="list-style-type: none"> <li>• To protect the paddy crop which is in initial tillering stage from the rains received due to NIVAR cyclone, farmers are advised to drain out the water from main field and apply 15 kilo urea 15 kilo MOP per acre as top dressing. • For the paddy crop which is in maturity to harvesting stage in the district farmers are advised to drain out the field and spray 5% salt solution on the ear heads to prevent grain germination and discolouration. • The present weather conditions are favourable for Rice Hispa and Leaf spot disease in paddy. To control spray monocrotophos @ 1.6 ml. or hexaconazole @ 2 ml./L of water. • Farmers are advised to take up new nurseries in areas where nurseries were damaged due to heavy rains received due to NIVAR cyclone and select varieties like NLR-34449, MTU-1010 and ensure seed rate of 25-30 kg/acre and go for seed treatment.</li> </ul>

Crop(Varieties)	Crop Specific Advisory
RICE	The present weather conditions are favourable for Sheath blight and Bacterial leaf blight. Continuous cloudy weather and drizzle along with rains are favourable for sheath blight and bacterial leaf blight. • To control sheath blight Control weed growth on field bunds and spray hexaconazole @ 2 ml. or propiconazole 1 ml. or validamycine 2 ml./L. of water. • To control bacterial leaf blight temporarily avoid nitrogen application and oftenly drain out the water. • As there is rain forecast in the district, there is possibility of discoloration of grain in paddy. To control spray propiconazole @ 1 ml./L of water.
TOMATO	• The present weather conditions are favourable for Early blight disease in tomato. To control spray mancozeb or chlorothalonil @ 2 g. or propiconazole 1 ml./L of water twice or thrice at 15 days interval.

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	• Due to rains received due to NIVAR cyclone, major and micro nutrient deficiency is observed in mago orchards. Hence farmers are advised to apply fertilizers. Wherever micro nutrient deficiency exist spray Zinc sulphate @ 5 g + Ferrous sulphate @ 2.5 g. + borax @ 2 g. + calcium sulphate @ 2g. + Magnesium sulphate @ 3 g./L of water.
PAPAYA	• Due to NIVAR cyclone, fruit crops were damaged due to heavy winds. • Remove the affected and broken branches and apply blitox after making a slant cut and support the young trees. • Spray potassium nitrate @ 10 g / L of water twice at an interval of 15 days. • To avoid root rot drench the basal portion of the trees with copper oxychloride @ 3 g./L of water. • To avoid fungal diseases spray carbendazim @ 1 g./L of water.
BANANA	• Due to NIVAR cyclone, heavy rains were received during last 2-3 days. • Drain out the excess water from the fields and staking should be provided to trees with fruit bunches. Wrap the matured fruit bunches with banana leaves and harvest the bunches within 15-20 days. • Spray potassium nitrate @ 10 g / L and urea 20 g along with 1 ml. of sandovit and apply twice at 15 days interval. • Apply 100 g urea + 80 g of murate of potash at 30 days interval to the plants which are at 3 to 5 months. • Spray potassium nitrate @ 5 g/L thrice at week days interval to fully formed fruit bunches. • To avoid rhizome rot drenching of copper oxychloride @ 3 g./L of water immediately after draining out the water from the fields. Spray propiconazole @ 1 ml./L of water to control leaf spot and stem rot. • Remove the fallen damaged old trees after removing the matured fruit bunches and keep two best suckers among the available suckers.
CHILLI	• Due to continuous rains, chillie nurseries are likely to be affected with damping off. To control spray copper oxychloride @ 3 g. or 1% bordo mixture.