



**Gramin Krishi Mausam Sewa**  
**District Level Agromet Advisory Bulletin**  
 Orissa University of Agriculture & Technology,  
 Bhubaneswar



## Agromet Advisory Bulletin

Date : 12-12-2023

Weather Forecast of District RAYAGADA(Odisha) Issued On : 2023-12-12(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-12-13	2023-12-14	2023-12-15	2023-12-16	2023-12-17
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	31.0	31.0	30.0	30.0	30.0
Tmin(°C)	18.0	17.0	18.0	18.0	17.0
RH-I(%)	91	86	82	71	60
RH-II(%)	38	33	31	32	26
Wind Speed(kmph)	4	4	4	4	5
Wind Direction(Degree)	158	158	158	155	158
Cloud Cover(Octa)	2	3	3	0	0

### Weather Summary/Alert:

It is likely to be partly cloudy sky for next three days and clear sky on saturday and sunday . The daily maximum temperature will remain 30.0 °C-31.0 °C. The daily minimum temperature will remain 17.0°C-18.0°C. The wind speed will remain 4.0-5.0 kmph. Humid conditions during the forenoon (60-91%) and during the afternoon (26-38%) may prevail.

### General Advisory:

During cool winter days to protect the rice nursery from cold injury, apply a thin layer of well decomposed FYM after sowing of seeds in wet bed to keep the bed relatively warm. Preferably use bore well water for irrigation at evening and drain out the cold water at morning to maintain the soil temperature favourable for growth. In severe cold affected areas use polythene cover during night.

### SMS Advisory:

If the vegetable crops are in early growth stage and the leaves are buried in the ground due to the rain then nipping of the leaves should be done

### Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	If stored rice grain infestation occurs, take up fumigation by using Aluminium phosphide tablets @ of 3 tablets / ton grain in fairly air tight containers or by covering with thick tarpaulin leaving no gaps. The tablets should be wrapped in cotton pouches before placing them in the stacks, which helps to discard the remnants after completing the fumigation.
COTTON	There may be occurrence of Para wilt or sudden wilt due to heavy rainfall. Go for application of cobalt chloride @10mg/litre (10ppm) on affected plants within few hours of onset of symptoms and/or drench plants with a mixture of Copper-Oxy-Chloride 25g and 200g urea in 10 liter of water or Carbendazim 50WP 10g/10 lit of water. □ Crop may damage due to water logging condition. Care should be taken for drainage of excess water from the field.

Crop(Varieties)	Crop Specific Advisory
PIGEON PEA (RED GRAM/ARHAR)	Infestation of leaf webber has been noticed. To control leaf webber spray Profenophos 50% EC or Chlorpyrifos 50 % + Cypermethrin 5 % EC @ 2 ml/lit @ 2ml/lit of water. □ Complete the manual weeding operation or spray Imazethapyr 10% SL @ 1.5ml/lit with MSO adjuvant @ 2ml/lit of water to control chemically at 20-25 DAS. To prevent sucking pests like aphids and thrips, neem-based pesticide (1500 ppm) may be sprayed @ 3ml/ lit of water.
MAIZE	Spray Thiomethoxam 25 WG @ 0.2g/lit or Imidacloprid 17.8% SL @ 0.3ml/lit of water to control Aphid & Thrips. □ For effective control of stem borer spray Fipronil 5% SC or Profenophos 50% EC @ 2ml/lit of water. Apply Emamectin Benzoate 5% SG @ 0.4ml/lit of water to control FAW infestation

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CABBAGE	There are chances of infestation of Dimond Back Moth in early planted Cole crops. The damage is caused by the larvae that dig tunnels in the leaf tissues or scrap the epidermal leaf tissues of the lower surface of the leaf blade producing typical whitish patches on leaves. To manage this pest, install 6-8 nos of light traps per acre. During primary stage of pest infestation spray neem-based pesticide @ 1-litre/acre by mixing in 200-litre of water. To manage this pest chemically spray Tolfenpyrad 15 % EC @ 400-ml/acre or Flubendiamide 20 % WG @ 20-gram/acre or Emamectin Benzoate 5 % SG @ 80-gram/acre by mixing in 200-litre of water.
POTATO	Dry warm weather with intermittent rain may cause early blight in potato. For early blight in potato, spray Copper Oxychloride 50% WP @ 3gm/ltr of water or Hexaconazole 2% SC @ 6gm/ltr of water or Captan 70% + Hexaconazole 5% WP @ 2gm/ltr of water or Carbendazim 12%+ Mancozeb 63% WP @ 3gm/ltr of water or Carbendazim 25%+ Mancozeb 50% WS @ 1.5gm/ltr of water.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals.