



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



## Agromet Advisory Bulletin

Date : 26-12-2023

Weather Forecast of District RAYAGADA(Odisha) Issued On : 2023-12-26(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-12-27	2023-12-28	2023-12-29	2023-12-30	2023-12-31
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	29.0	29.0	30.0	30.0	30.0
Tmin(°C)	16.0	16.0	15.0	16.0	16.0
RH-I(%)	91	85	91	85	87
RH-II(%)	27	32	29	29	26
Wind Speed(kmph)	4	4	5	4	5
Wind Direction(Degree)	161	161	154	161	158
Cloud Cover(Octa)	0	0	0	0	3

### Weather Summary/Alert:

It is likely to be clear sky for next four days and partly cloudy sky on sunday. The daily maximum temperature will remain 29.0 °C-30.0 °C. The daily minimum temperature will remain 15.0°C-16.0°C. The wind speed will remain 4.0-5.0 kmph. Humid conditions during the forenoon (85-91%) and during the afternoon (26-32%) may prevail.

### General Advisory:

Due to low night temperature and fog condition, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the Rabi crops and vegetables. Monitor the crops and vegetables, if symptoms are noticed, undertake appropriate plant protection measures. Carry out weeding, hoeing and other intercultural operations in Rabi vegetables. In Cole crops irrigation should be done at 7-8 Days interval depending upon soil moisture and weather condition. In winter during cold hours farmers should keep doors, windows and open spaces in cow sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air. For maintaining the heat in the poultry shed during winter season, install heaters in the shed.

### SMS Advisory:

Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress.

### Crop Specific Advisory:

Crop (Stage)	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.
MUSTARD	There are chances of aphid and painted bug infestation in mustard crop. During primary stage of infestation of Aphid and Painted Bug, spray Neem

Crop (Stage)	Crop Specific Advisory
	Based Pesticide 1500 PPM @ 600-ml/acre. To manage Aphids and Painted Bug chemically spray Thiamethoxam 25% W. G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre or Imidacloprid 17.8% SL @ 60-ml acre by mixing in 200 litres of water. Apply the insecticides in the afternoon hours so that the movement of Honeybees will not be disturbed.
COTTON	Pick the seed cotton in cloth bag or plastic basket. Remove the dry leaves and other plant part from the seed cotton. First picking, second picking and third picking seed cotton separately. If more than one variety or hybrid of cotton is grown than keep them separately. Dry the seed Cotton on concrete floor or tarpaulin for 2-3 hours in direct sunlight and 3 keep it in clean cloth bags.

#### Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
ONION	To prevent Damping off disease in nursery, drench the nursery bed with Carbendazim (Dhanustin/Bavistin) @ 2-gram / litre of water or Metalaxyl + Mancozeb (Redomil-Mz/Krilaxyl) @ 2.5 gram/ litre of water at 15 days interval. Hand weeding should be done to remove the weeds from the nursery. Seedlings of 8-weeks old which are 12-15 cm in height are planted in the main field. Before transplanting apply 10 tonnes of Compost, 52 kg of DAP, 30 kg of Muriate of Potash 20 kg of urea and 20 kg of sulphur and mix it to the soil uniformly. Transplant the seedlings in line by keeping the row to row spacing at 25 cm and plant to plant spacing at 10 cm. After transplanting of onion seedlings, apply pre-emergence herbicide like Pendimethalin 30 % E.C @ 1 litre /acre or Oxyfluorfen 23.5% E.C. at 1-2 DAT

#### Live Stock Specific Advisory:

Live Stock	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.