



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



## Agromet Advisory Bulletin

Date : 19-01-2024

Weather Forecast of District RAYAGADA(Odisha) Issued On : 2024-01-19(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-01-20	2024-01-21	2024-01-22	2024-01-23	2024-01-24
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	30.0	30.0	31.0	31.0	30.0
Tmin(°C)	17.0	17.0	17.0	16.0	16.0
RH-I(%)	90	92	90	93	96
RH-II(%)	31	31	39	41	46
Wind Speed(kmph)	5	6	4	5	5
Wind Direction(Degree)	162	163	171	158	153
Cloud Cover(Octa)	1	2	3	2	1

### Weather Summary/Alert:

It is likely to be clear sky on Saturday and Wednesday and partly cloudy sky on from Sunday to Tuesday. The daily maximum temperature will remain 30.0 °C-31.0 °C. The daily minimum temperature will remain 16.0°C-17.0°C. The wind speed will remain 3.0-7.0 kmph. Humid conditions during the forenoon (90-96%) and during the afternoon (31-46%) may prevail.

### General Advisory:

Continue the sowing of pre-germinated treated paddy seeds in puddled soil either broadcasting or by using drum seeder. Maintain only a thin film of water for proper establishment and early growth of Rice seedlings. 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 at night time.

### SMS Advisory:

Apply the insecticides in the afternoon hours so that the movement of Honeybees will not be disturbed. Always use flat-fan or flood-jet nozzle and clean water for herbicide spraying.

### 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.
PIGEON PEA (RED GRAM/ARHAR)	Spray Chlorpyrifos 50% + Cypermethrin 5% EC (Premain Super/Super 505) @ 400-ml/acre or Profenophos 50% EC (Prahara/Celcron) @ 400-ml/acre to control Pod Borer in Red Gram crop.

**Horticulture Specific Advisory:**

<b>Horticulture (Stage)</b>	<b>Horticulture Specific Advisory</b>
PAPAYA	To manage mealy bug at early stage of infestation spray neem-based pesticide (Neem Oil 1500 PPM) @30- ml/10-litre of water or insecticidal soap. In case of severe infestation spray Profenphos 50 % EC @ 1000-ml/ha or Thiamethoxam 25 % WG @ 100-gram/ha.

**Fisheries Specific Advisory:**

<b>Fisheries</b>	<b>Fisheries Specific Advisory</b>
COMMON CARP	During winters, various fungal, bacterial and parasitic diseases may appear in the fish. Treat the pond with CIFAX @ 400 ml/acre just before the onset of winters. Also treat the pond with potassium permanganate @ 1-2 kg/acre or limestone @ 50-100 kg/acre. Salt application @ 100 kg/acre also helps in protecting fish against disease outbreak during winters.