



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



## Agromet Advisory Bulletin

Date : 08-12-2023

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

Parameter	2023-12-09	2023-12-10	2023-12-11	2023-12-12	2023-12-13
Rainfall(mm)	1.0	0.0	0.0	0.0	0.0
Tmax(°C)	30.0	30.0	31.0	31.0	30.0
Tmin(°C)	20.0	19.0	17.0	17.0	16.0
RH-I(%)	95	92	93	93	90
RH-II(%)	56	55	48	41	36
Wind Speed(kmph)	4	4	4	3	4
Wind Direction(Degree)	112	112	154	158	195
Cloud Cover(Octa)	4	4	1	3	3

### Weather Summary/Alert:

According to the weather forecast received from India Meteorological Department, the district is likely to dry with mainly clear to partly cloudy sky up to Tuesday. The wind speed is likely to remain within 03.0 to 04.0 kmph for the next five days. The daily maximum and minimum temperature may range from 30.0°C to 31.0°C and 16.0°C to 20.0°C respectively. Relative humidity during the morning and the afternoon may range between 90 to 95 percent and 36 to 56 percent respectively.

### General Advisory:

The mean maximum daily temperature was 29.4°C and the mean minimum daily temperature was 20.7°C of the Gajapati district during the last week. The district received 32.0 mm of rainfall during the last week. Apply sufficient K fertilizer. Apply lime on acid soils, do not apply excessive amounts of organic matter (manure, straw) on soils containing large amounts of Fe and organic matter. Collect the dropped citrus, papaya, guava as soon as possible. Use ripening chambers for quick and uniform ripening. Store the harvested produce in well ventilated place temporarily before it can be marketed. Market the fruits as soon as possible. Utilize the rainfall water, and start sowing of Rabi crops. There are chances of fungal infestation in vegetable after rainfall, go for application of Carbendazim+Mancozeb 2 gram/litre after rain if infestation is noticed.

### 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	The transplanted paddy is at grain maturity to harvesting stage. Make drainage arrangement to drain out water from matured paddy fields. Postpone harvest matured paddy till Tuesday and keep the harvested produce by covering or under covered threshing floor.
COTTON	The cotton crop is at maturity to boll bursting stage. Postpone harvesting of cotton from bursted bolls and carry the produce to safe place.

Crop(Varieties)	Crop Specific Advisory
GREEN GRAM	The crop is at sowing to germination stage. Make drainage arrangement from the field. Postpone land preparation and sowing Greengram till Tuesday. The varieties suitable for greengram during this season are IPM-02-14, Virat, PDM-54, PDM-139, TARM-1, TARM-2, Pusa-Vishal etc. @ 8-10kg seed/acre.
BLACK GRAM	The crop is at sowing to germination stage. Make drainage arrangement from the field. Postpone land preparation and sowing Blackgram till Tuesday. For blackgram the varieties are PU-30, PU-19, PU-35, Ujjala, Prasad, PDU-1 @8-10kg seed per acre.

#### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
ONION	The onion seedlings in nursery are five to seven week stage. Make arrangement to cover the nursery bed to protect the seedlings from rain. Prepare the main field to transplant onion seedlings at eight week stage.

#### Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	The space left for ventilation in cow shed must be closed in night, as the night temperature is expected to fall in coming days. 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.

#### Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
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.