



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



Agromet Advisory Bulletin

Date : 01-12-2023

Weather Forecast of District GAJAPATI(Odisha) Issued On : 2023-12-01(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-12-02	2023-12-03	2023-12-04	2023-12-05	2023-12-06
Rainfall(mm)	0.0	0.0	5.0	30.0	70.0
Tmax(°C)	32.0	31.0	30.0	29.0	27.0
Tmin(°C)	21.0	21.0	22.0	23.0	23.0
RH-I(%)	82	80	95	98	97
RH-II(%)	34	40	75	93	90
Wind Speed(kmph)	8	9	8	7	6
Wind Direction(Degree)	90	68	69	72	81
Cloud Cover(Octa)	3	4	6	7	7

Weather Summary/Alert:

According to the weather forecast received from India Meteorological Department, the district is likely to dry up to Saturday and thereafter may receive light to heavy rain up to Tuesday with partly to generally cloudy sky. The wind speed is likely to remain within 06.0 to 09.0 kmph for the next five days. The daily maximum and minimum temperature may range from 27.0°C to 32.0°C and 21.0°C to 23.0°C respectively. Relative humidity during the morning and the afternoon may range between 80 to 98 percent and 34 to 93 percent respectively.

General Advisory:

The mean maximum daily temperature was 32.1°C and the mean minimum daily temperature was 20.4°C of the Gajapati district during the last week. The district received 0.0 mm of rainfall during the last week. In view of probable rain from Sunday onwards harvest the paddy if 85% of grains are matured. Keep the harvested products in safe place. If threshing is not possible then cover the harvested paddy with polythene to keep it safe from rain. Make provision for draining out rain water in standing rice crop by making alleys (Pahi) and keep the drain ends open. Do not leave harvested paddy in field. There are chances of wilt and root rot disease incidence in vegetable crops after the rain. To manage wilt disease in vegetable crops, drench the root zone with a solution of 1.5-gram Streptocycline and 20-gram Metalaxyl 8% + Mancozeb 64 % WP mixed in 10 litres of water. Withhold spraying of pesticides and irrigation for the time being. Cover the vegetable nursery with polythene sheet to save it from rain. Delay sowing of Rabi crops like Maize, Pulses, Oil seeds, Vegetables and spices. Drain out excess water in all non-paddy crops like pulses, oilseeds, vegetables, plantation crops, etc. Provide staking to young fruit plants like Papaya, Banana, and Guava. Harvest the matured fruits as soon as possible and sell in the market. Earthing up should be done in vegetables. Keep the livestock indoors during rainfall. Keep feed for 3-5 days, in case of any emergency. Repair the sheds before rainfall. Keep animals indoors in rainy conditions. Keep fodder at a safe place to avoid spoilage from rainfall.

SMS Advisory:

Harvest the matured arhar, ragi, cotton, vegetables and flowers before the rain as soon as possible to avoid quality deterioration.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	The transplanted paddy is at grain maturity to harvesting (fourteen to seventeen week) stage. Plan to harvest matured paddy before Thursday and keep the produce by covering or under covered threshing floor.
COTTON	The cotton crop is at boll development to boll bursting stage (twenty to twenty two week) stage. Continue harvesting of cotton from bursted bolls and carry the produce to safe place before Thursday to protect from rain.
PIGEON PEA (RED GRAM/ARHAR)	The crop is at pod formation to seed development (eighteen to nineteen week) stage. Plan to harvest matured pods before the rain and keep the produce by covering or under covered threshing floor.
FINGER MILLET	The ragi crop is at maturity to harvesting stage. Complete harvesting ragi before Thursday and carry the produce to safe place.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CABBAGE	Cover the vegetables and cabbage and cauliflower crop with poly / plastic sheet so that the heavy rainfall will not affect it.

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON CARP	In winters wounds in fish are common. It spreads rapidly from one fish to another. Initially red spots are noticed on the scales which later turned into wounds. To control this disease apply CIFAX 400ml in one acre pond starting from October to January.