



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



Agromet Advisory Bulletin

Date : 02-01-2024

Weather Forecast of District GAJAPATI(Odisha) Issued On : 2024-01-02(Valid Till 08:30 IST of the next 5 days)

Parameter	2024-01-03	2024-01-04	2024-01-05	2024-01-06	2024-01-07
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	30.0	30.0	29.0	29.0	29.0
Tmin(°C)	16.0	17.0	17.0	18.0	18.0
RH-I(%)	83	67	76	73	75
RH-II(%)	30	30	25	26	26
Wind Speed(kmph)	5	5	5	5	5
Wind Direction(Degree)	112	118	162	153	122
Cloud Cover(Octa)	3	0	4	4	3

Weather Summary/Alert:

According to the weather forecast received from India Meteorological Department, the district is likely to dry with clear to partly cloudy sky up to Saturday. The wind speed is likely to remain 05.0 kmph for the next five days. The daily maximum and minimum temperature may range from 29.0°C to 30.0°C and 16.0°C to 18.0°C respectively. Relative humidity during the morning and the afternoon may range between 67 to 83 percent and 25 to 30 percent respectively.

General Advisory:

The mean maximum daily temperature was 30.6°C and the mean minimum daily temperature was 16.4°C of the Gajapati district during the last week. The district received 0.0 mm of rainfall during the last week. 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:

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	Arrange good quality paddy seed varieties like Satyabhama, Sahabhazi Dhan, Mandakini, Manaswini, DRR 42, DRR-43, DRR-44, Bina 11, GB-1, Improved Lalat, MTU 1010, MTU 1001, Naveen, Swarna Shreya which can be grown during dry season. Seed rate for an acre of land is 20 kg for these varieties. Treat the seeds with Carbendazim 50% W.P @ 2-gram/1-kg of seeds or Carboxin 37.5% + Thiram 37.5 % @ 3- gram /1 kg of seeds before sowing in the nursery.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CAULIFLOWER	Apply borax @ 4-kg/ acre as soil application during transplanting in Cole crops to prevent Brown rot. If Borax was not applied during transplanting of seedlings than spray Borax @ 2.5-gram/litre or Folibor /Solubor @ 1.5 gram/litre. Spraying of Boron micronutrient should be done after two weeks of transplanting and two weeks before curd formation.
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.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
GOAT	PPR disease also known as 'Goat Plague' is common during winter. This viral disease that affects goats and sheep which causes sudden fever, pneumonia and coughing. Affected animals appear restless, have a dull coat, dry muzzle and depressed appetite. Pregnant animals may abort. Vaccinate the animals.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
CHICKEN	In winter number of feeders should be increased. Feed should be available to the bird whole of the day. During winter season birds take less water so far maintenance of water in the body, it is necessary to give continuous supply of fresh water which can be taken by the bird. For maintaining the heat in the poultry shed, install heaters in the shed. Use 200W bulbs to generate heat in small scale operations. Carry out necessary vaccinations as and when required.