



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



Agromet Advisory Bulletin

Date : 02-02-2024

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

Parameter	2024-02-03	2024-02-04	2024-02-05	2024-02-06	2024-02-07
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	33.0	33.0	34.0	33.0	32.0
Tmin(°C)	18.0	17.0	17.0	18.0	18.0
RH-I(%)	77	82	88	88	91
RH-II(%)	32	22	29	28	27
Wind Speed(kmph)	6	4	5	6	7
Wind Direction(Degree)	225	206	202	198	216
Cloud Cover(Octa)	2	0	0	0	0

Weather Summary/Alert:

According to the weather forecast received from India Meteorological Department, the district is likely to dry with clear to mainly clear sky up to Tuesday. The wind speed is likely to remain within 04.0 to 07.0 kmph for the next five days. The daily maximum and minimum temperature may range between 32.0°C to 34.0°C and 17.0°C to 18.0°C respectively. Relative humidity during the morning and the afternoon may range between 77 to 91 percent and 22 to 32 percent respectively.

General Advisory:

The mean maximum daily temperature was 31.6°C and the mean minimum daily temperature was 17.3°C of the Gajapati district during the last week. The district received 09.6 mm of rainfall during the last week. Farmers are advised to irrigate their field as there is mildly dry condition prevailed. Prepare the main field for summer paddy and start transplanting with 3 week old seedlings. The summer rice seedlings at 4-5 leaf stage are ready for transplanting. Plant 2 to 3 seedling per hill shallow and upright in lines at 15 cm apart and hills at 10 cm apart.

SMS Advisory:

Rabi crop needs 10-15 irrigations at 7-10 days interval depending upon the soil moisture condition.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE	Farmers those who are going for transplanting should apply 35- kg DAP, 30-kg MOP and 8-kg Urea per acre during last puddling. For sandy soil apply 35 kg DAP, 15 kg MOP and 8 kg Urea per acre during last puddling. In Zinc deficient soil apply Zinc Sulphate (21%) @ 10 kg/acre at every three years. Transplanting of 25-30 days old seedlings should be done at a spacing of 20 x15 cm, plant 2-3 seedlings per hill for high yielding varieties.
BLACK GRAM	To control powdery mildew disease in Blackgram and Greengram crop spray Sulphur 80% WP @800-gram/acre or Hexaconazole 5% E.C @ 300 ml/acre

Crop (Stage)	Crop Specific Advisory
	or Propiconazole 25% EC @ 200-ml/acre or Penconazole 10% EC @ 100-ml/acre by mixing in 200litre of water.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BRINJAL	To manage whitefly in Brinjal and Tomato crop, use yellow sticky traps @ 8-10/acre to attract and kill the insects. During primary stage of pest infestation spray neem based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. To manage this pest chemically spray Thiamethoxam 25 % WG @ 40-gram/acre or Pyriproxifen 10% EC @ 200-ml/acre or Spiromesifen 22.9% SC @ 250-ml/acre by mixing in 200-litre of water.
TOMATO	To control fruit borer in Tomato, first collect and destroy the affected fruits and grown up larvae. Set up 20 nos. of pheromone trap having Helilure per acre. Go for spraying of insecticide if there are 10% fruits infested with borer. Spray Chlorantraniliprole 18.5% S.C @ 80 ml/acre or Flubendiamide 39.5 % M/M S.C @ 40 ml/acre or Indoxacarb 14.5% S.C. @ 200 ml/acre. Use any of the above insecticides alternately at 15 days interval.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	If the animals have not yet been vaccinated against FMD, Haemorrhagic Septicaemia, Black Quarter, Enterotoxemia etc., these must be done. Due care should be taken to store/procure fodder for periods of shortage that may occur during the winter months in certain areas. Perennial grasses must be cut at this time.