



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



## Agromet Advisory Bulletin

Date : 03-02-2023

Weather Forecast of District GAJAPATI(Odisha) Issued On : 2023-02-03(Valid Till 08:30 IST of the next 5 days)

Parameter	2023-02-04	2023-02-05	2023-02-06	2023-02-07	2023-02-08
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	28.0	28.0	29.0	29.0	29.0
Tmin(°C)	13.0	14.0	14.0	15.0	15.0
RH-I(%)	47	51	52	55	65
RH-II(%)	11	9	11	12	11
Wind Speed(kmph)	4.7	4.7	4.5	5.3	5.9
Wind Direction(Degree)	180	205	198	216	243
Cloud Cover(Octa)	2	1	1	0	0

### Weather Summary/Alert:

According to the weather forecast received from India Meteorological Department, the district is likely to dry up to Tuesday with clear to mainly cloudy sky. The wind will blow usually Southerly to South-Easterly with a speed of 05.0 to 06.0 kmph for the next five days. The daily maximum temperature may range from 28.0°C to 29.0°C. The daily minimum temperature may range from 13.0°C to 15.0°C. Relative humidity during the morning may range between 47 to 65 percent and that during the afternoon may range between 09 to 12 percent.

### General Advisory:

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:

Seedling treatment with 0.2% Chloropyriphos for 10-12 hours to control stemborer in the main field if granular insecticides have not been applied previously in the nursery.

### Crop Specific Advisory:

Crop(Varieties)	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.
GROUNDNUT	To control Tikka disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP @ 600 gram/acre or Hexaconazole 5% E.C @ 300ml/acre.

### Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CAULIFLOWER	There are chances of Alternaria leaf spot disease incidence in Cole crops due to current cloudy weather condition. To control this disease in Cole crops spray Mancozeb 75 % WP @ 600-gram/acre or carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/acre by mixing in 200-litre of water.
ONION	To manage purple blotch and Stemphylium leaf blight disease in onion spray Mancozeb 75% WP @ 600gram/acre or Difenconazole 25% E.C @ 200ml/acre or Tebuconazole 25.9% E.C @ 100ml/acre by mixing in 200 litre of water at 15 days interval. Add a spreader or sticker for retention and spread of spray fluid on erect leaves of onion.
MANGO	Due to cloudy weather there are chances of infestation of sucking pest like Mango Hoppers in Mango plant. To control mango hoppers spray Imidacloprid 17.8% SL @ 5ml/15litre of water or Thiamethoxam 25% W.G @ 3 ml/15litre of water or Acetamiprid 20% S.P. @ 4gram /15litre of water. First spray should be done at the time of panicle emergence and second spray two weeks after first spray. Application of smoke below the plants can also help in reducing the pest population.
POTATO	To control cut worm in potato crop spray Chlorpyrifos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. Cut Worm pest are nocturnal so insecticide spray should be done at evening hours. Dusting of Chlorpyrifos 1.5% DP@ 10-kg/acre should be done across the bund.