



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



Agromet Advisory Bulletin

Date : 05-01-2024

Weather Forecast of District GANJAM(Odisha) Issued On : 2024-01-05(Valid Till 08:30 IST of the next 5 days)

| Parameter | 2024-01-06 | 2024-01-07 | 2024-01-08 | 2024-01-09 | 2024-01-10 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm) | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Tmax(°C) | 26.0 | 26.0 | 26.0 | 25.0 | 25.0 |
| Tmin(°C) | 16.0 | 17.0 | 17.0 | 16.0 | 16.0 |
| RH-I(%) | 76 | 83 | 74 | 66 | 73 |
| RH-II(%) | 34 | 36 | 41 | 37 | 36 |
| Wind Speed(kmph) | 7 | 7 | 6 | 5 | 5 |
| Wind Direction(Degree) | 117 | 124 | 117 | 248 | 150 |
| Cloud Cover(Octa) | 0 | 1 | 1 | 2 | 1 |

Weather Summary/Alert:

According to the weather forecast received from the India Meteorological Department, the district is likely to be dry in the coming five days with a partly cloudy sky. The wind is likely to remain within 5-7 km/hr. The maximum temperature and minimum temperature will likely remain between 25.0-26.0°C and 16.0-17.0°C respectively. The Maximum Relative Humidity and Minimum Relative Humidity will likely remain between 66-83% and 34-41% respectively for the next five days.

General Advisory:

As dry weather is forecasted for the block so, farmers should irrigate the recent sown rabi crops and young seedlings with sufficient water to protect them from moisture stress. At moisture stress area farmers should go for foliar spray of 2%DAP+1%MOP during flowering stage of vegetables

SMS Advisory:

As rain is not expected farmers can provide irrigation to standing crops.

Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory |
|-----------------------------|---|
| GROUNDNUT | Farmers are advised to do intercultivation and apply Gypsum @200 kg/ acre in Groundnut. Weather is favorable for leaf miner attack in groundnut to control spray Neem Based Pesticide (Azadirachtin) 300 PPM @ 1-litre /acre during primary stage of infestation. flowering stage |
| PIGEON PEA (RED GRAM/ARHAR) | Spotted pod borer observed in some places in Arhar, to control use bird perches @50/hecter, use Azadirachtin 0.03% WSP or use NSKE 5% or neem oil 2%. |
| GREEN GRAM | To manage whitefly infestation at the early stage of crop spray Neem based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. If the infestation is severe then go for a chemical pesticide like Thiamethoxam @ 40-gram/acre or Acetamiprid @ 50-gram/acre by mixing in 200-litre of water |

Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
|-----------------------------|---|
| CAULIFLOWER | As dry weather is expected in the coming five days, farmers should irrigate the standing crop with sufficient water to protect them from moisture stress. |
| TOMATO | As dry weather is expected in the coming five days, farmers should irrigate the standing crop with sufficient water to protect them from moisture stress. |
| BRINJAL | During the primary stage of the shoot and fruit borer infestation in Brinjal spray neem-based pesticide 1500 PPM @ 600-ml/acre by mixing in 200-litre of water. |

Live Stock Specific Advisory:

| Live Stock | Live Stock Specific Advisory |
|-------------------|--|
| COW | Animals should be given a mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%-20% in the daily ration during the winter season to meet the energy requirement of the animals. |

Poultry Specific Advisory:

| Poultry | Poultry Specific Advisory |
|----------------|--|
| CHICK | Keep the shed warm as the night temperature is getting down. Provide bulbs to heat the room. |