



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



## Agromet Advisory Bulletin

Date : 09-01-2024

Weather Forecast of District BALANGIR(Odisha) Issued On : 2024-01-09(Valid Till 08:30 IST of the next 5 days)

| Parameter              | 2024-01-10 | 2024-01-11 | 2024-01-12 | 2024-01-13 | 2024-01-14 |
|------------------------|------------|------------|------------|------------|------------|
| Rainfall(mm)           | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| Tmax(°C)               | 29.0       | 29.0       | 28.0       | 28.0       | 28.0       |
| Tmin(°C)               | 15.0       | 15.0       | 14.0       | 13.0       | 13.0       |
| RH-I(%)                | 55         | 58         | 47         | 38         | 56         |
| RH-II(%)               | 26         | 30         | 27         | 16         | 25         |
| Wind Speed(kmph)       | 4          | 3          | 6          | 5          | 5          |
| Wind Direction(Degree) | 248        | 68         | 105        | 285        | 75         |
| Cloud Cover(Octa)      | 2          | 2          | 0          | 0          | 0          |

### Weather Summary/Alert:

As per IMD, no rainfall is forecast for upcoming 5 days in the district. The day temperature will be 28-29°C and night temperature will be 13-15°C for upcoming 5 days. Maximum and minimum relative humidity will be 38-58 % and 16-30 % respectively. The wind speed will remain within 3 to 6 kmph for upcoming 5 days. There will be mainly clear sky for next 5 days.

### General Advisory:

• Use polythene cover to cover the paddy nursery at night-time. • Cover the recently planted cole crops with paper pockets during night time to avoid low temperature. • Cover young fruit plants with paper pockets /straw / polythene sheets / gunnybags. • To control leaf eating caterpillar and fruit borer in winter vegetables like Brinjal, Cauliflower, Cabbage, Chilly & tomato spray 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.

### SMS Advisory:

Regular surveillance work should be taken up in all crops in order to know the incidence of various disease pests and initiate the control strategies.

### Crop Specific Advisory:

| Crop (Stage) | Crop Specific Advisory  |
|--------------|---|
| RICE         | After threshing, paddy grains need to be sun-dried to 14% moisture for consumption purpose and for seed purpose it should be dried to 12% moisture for better self-life. Use 'Super Grain Bag' for safe storage of paddy/rice for |

| <b>Crop (Stage)</b>         | <b>Crop Specific Advisory</b>  |
|-----------------------------|--|
|                             | longer period of time or store the harvested paddy in properly bagged and stacked with suitable cover.   |
| PIGEON PEA (RED GRAM/ARHAR) | Harvest the red gram crop when 70-80 % Pods turns brown. Over maturity can cause shattering of seeds which results in lower yield. Harvested plants should be kept in threshing floor for sun drying for 3-6 days depending on season. |
| BLACK GRAM                  | There is a chance of powdery mildew disease in Black gram and Green gram. To control this disease, spray Sulphur 80% WP @800 g/acre or Hexaconazole 5% E.C @ 300 ml/acre.  |

#### **Horticulture Specific Advisory:**

| <b>Horticulture (Stage)</b> | <b>Horticulture Specific Advisory</b>   |
|-----------------------------|---|
| TOMATO                      | Prevailing fog condition may increase the infestation aphid. To control aphid need based spraying of neem oil formulation @ 600ml per acre or Flonicam @ 60g per acre is recommended.   |
| POTATO                      | There are chances of Leaf Blight disease incidence in potato crop. To manage early leaf blight in potato, spray Mancozeb 75% WP @600 gram/acre or Carbendazim 12% + Mancozeb 63% W.P @ 400-gram/acre. To manage late blight in potato spray Metalaxyl 8% + Mancozeb 64% W.P @ 400- gram/acre at 10 days interval. |
| BRINJAL                     | Leaf eating caterpillar and fruit borer may infest Brinjal, Chilly. Spray emamectin benzoate 0.5 g or apply Spinosad 45 SC @ 0.4ml/l.   |