



Gramin Krishi Mausam Sewa
India Meteorological Department
Odisha University of Agriculture and Technology
Ranital, Bhadrak, - 756111



WeekNo.29

No-58(Eng.Bulletin)
Dt.-22.07.2025

District-Bhadrak (North-Eastern Coastal Plain Zone)

Weather condition during last week at Bhadrak (16.07.2025-22.07.2025)

| | |
|--------------------------|-----------|
| Rainfall (mm) | 15.1 |
| Maximum temperature (°C) | 33.0-36.0 |
| Minimum temperature (°C) | 25.0-29.0 |

Forecast (Upto 27.07.2025)
Given by Met.Centre,IMD,Bhubaneswar

DISTRICT: Bhadrak - As per IMD forecast, the district is likely to receive **light to moderate rain for next 5 days** with partly cloudy to overcast sky. The wind will blow in a speed within 04-20 km/h. The maximum temperature and minimum temperature will likely to remain 34-36°C and 26-28°C to respectively for the next five days.

| DISTRICT | Date | Rainfall (mm) | T-MAX (C) | T-MIN (C) | Cloud Cover | Rh Max (%) | Rh Min (%) | Wind speed (kmph) | Wind Direction (deg) |
|----------|----------|---------------|-----------|-----------|-------------|------------|------------|-------------------|----------------------|
| BHADRAK | 23-07-25 | 2 | 35 | 28 | 3 | 83 | 53 | 4 | 261 |
| | 24-07-25 | 3 | 36 | 29 | 4 | 86 | 54 | 6 | 238 |
| | 25-07-25 | 25 | 35 | 28 | 7 | 85 | 58 | 9 | 254 |
| | 26-07-25 | 50 | 34 | 27 | 8 | 86 | 67 | 9 | 261 |
| | 27-07-25 | 5 | 34 | 26 | 5 | 86 | 70 | 20 | 246 |

For further information, contact the Met.Centre,aerodrome Area,IMD,Bhubaneswar,Tel.#0674-2596116.

Crop and Livestock Specific Agromet Advisory

| | | |
|-------------------------|---|---|
| General Advisory | <p>As per IMD light to moderate rain forecasted in coming days, farmers are advised to take care during spraying of pesticide & foliar fertilizer application.</p> <ul style="list-style-type: none"> ➤ Prevailing periodically cloudy and sunny condition is favourable for insect pest attack in vegetable crops so its regular monitoring should be advised. ➤ Farmers are advised to initiate transplanting of paddy by using rain water/canal water & farm pond or any other nearby water sources. ➤ Drain out excess water from rice nurseries & jute field. ➤ Keep the cattle shed clean during rainy season to prevent ectoparasites like ticks and lice. | |
| Crop Name | Crop Stage | Agromet Advisory |
| Kharif Rice | Land preparation /Nursery | <ul style="list-style-type: none"> ➤ Considering the anticipated rainfall farmer should start transplanting of rice after nursery treatment with Granular insecticide like Cartap hydrochloride (4G) @ 100 grams/1 decimal nursery or Fipronil 0.3 g @ 100g/ 1 decimal nursery area seven days before uprooting of seedlings. ➤ Plant 2 to 3 seedlings/hill at shallow depth in erect manner with spacing of 20 X 15cm for long duration and 20 X 10cm for medium duration varieties. |
| Jute | Vegetative stage | <ul style="list-style-type: none"> ❖ Recent rain will increase weed population in jute,to control grass weeds apply Quizalfopethyl @2ml/litre of water. ❖ Current rainy weather is favourable for attack of insect pest like semilooper, Bihari hair caterpillar and other foliage feeders. To control these insects, spray Lamba cyhalothrin 4.9CS @ 250 ml/acre. |
| Sugarcane | Vegetative | <ul style="list-style-type: none"> ➤ To control early shot borer in sugarcane foliar spray of Fipronil 5SC @400 ml/acre is |

| | | |
|---------------------|------------------------------------|--|
| | stage | <p>advised.</p> <ul style="list-style-type: none"> ➤ Tie sugarcane leaves from four to five plants together to prevent lodging . |
| Vegetables | Nursery/ Flowering/ Fruiting | <ul style="list-style-type: none"> ➤ Prevailing periodically cloudy and sunny condition is favourable for sucking insect pest attack in vegetable crops so its regular monitoring should be advised. ➤ To control wilting in brinjal plant, apply Potash fertilizer @ 500gm per gunth & spraying of Copper oxychloride 50%WP @ 2.5gm per liter along with Plantomycine @ 1gm per liter at the root of the plant or (Azoxystrobin 18.2% + Difenconazole 11.4 %SC)@ 1ml per liter of water in the afternoon recommended. ➤ Prevailing weather condition may increase the mealy bug in okra & brinjal to control this spraying of Thiamethoxam 0.4 g/l of water recommended. |
| Fruit | Sowing/ Fruiting | <p>Papaya -</p> <ul style="list-style-type: none"> ➤ To control the viral disease in papaya, remove and burn the affected leaves. To control whitefly, use 15 yellow sticky trap per acre. Apply 12 kg of potash fertilizer per acre of plant. Spray Diafenthiuron 50%WP @ 1.5 gm per liter of water or (Diafenthiuron 40%+Spinetoram 5%SC) @ 1.5 ml per liter of water in the afternoon. ➤ Sow the seeds of papaya seed after seed treatment with Carbendazim. |
| Pisciculture | | <ul style="list-style-type: none"> ➤ Carp such as Rohu, Catla and Mrigal, which grow rapidly, should be stocked in a certain ratio of 4:3:3 to increase the benefits. ➤ Generally, a density of 5,000 fingerlings/ha is kept as a standard stocking. ➤ Groundnut oil cake and rice bran is given in same ratio @ 5% of the total biomass of stocking material. Cow dung, urea and super phosphate should be applied to increase pond quality. In 8-10 months, fishes attain their marketable size. |
| Livestock | Cattle | <ul style="list-style-type: none"> ➤ Keep the cattle shed clean during rainy season to prevent ectoparasites like ticks and lice. ➤ Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. |

Mrs. Meera Mahanty
Jr. Agrometeorologist
AMFU, RRTTS, Ranital

Dr. Biswaranjan Nayak
ADR & NODAL OFFICER
AMFU, RRTTS, Ranital

For better agricultural benefits use, **OUAT KALINGA** products (Seedlings, Saplings & QPM, Tissue Culture Plants, Fruits & Vegetables, Value Added Products, Fingerlings/ Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & Vermi Compost and Farm Implements).

Kindly download and use the “MAUSAM” App for location-specific forecast and warning, “Meghdoot” App for Weather forecast & Agromet advisory and “Damini” App for Lightning ,Thunderstorm warning & Forecasting.

Download:(Android:<https://play.google.com/store/apps/details?id=com.aas.meghdoot>),(iOS:<https://apps.apple.com/in/app/meghdoot/id1474048155>)