



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

WeekNo.01

No.-02 (Eng.Bulletin)
Dt.-05.01.2024

District–Bhadrak (North-East Coastal Plain Zone)

Weather Condition During Last Week at Bhadrak (30.12.2023 –05.01.2024)

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|--------------------------|-----------|
| Rainfall (mm) | 0.0 |
| Maximum temperature (°C) | 15.0-28.0 |
| Minimum temperature (°C) | 14.0-16.0 |

Forecast (Upto 10.01.2024)
Given by Met.Centre,IMD,Bhubaneswar

DISTRICT: Bhadrak– As per IMD forecast, the district is likely to receive **Dry weather for 5 days** with Clear to Mainly Clear sky. The wind speed is likely to remain within 08-10 km/h. The maximum temperature and minimum temperature will likely to remain 26-27°C and 15-17°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 | 06-01-2024 | 0 | 27 | 15 | 0 | 62 | 36 | 8 | 75 |
| | 07-01-2024 | 0 | 27 | 16 | 1 | 65 | 40 | 10 | 68 |
| | 08-01-2024 | 0 | 27 | 17 | 2 | 61 | 38 | 9 | 90 |
| | 09-01-2024 | 0 | 26 | 17 | 1 | 63 | 39 | 9 | 109 |
| | 10-01-2024 | 0 | 26 | 15 | 1 | 69 | 41 | 9 | 90 |

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

Agromet Advisory

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|-----------------------------|---|
| Kharif Rice | <ul style="list-style-type: none"> ❖ Rice grains must be dried under sun for 3-4 days to 14% moisture for consumption and 12% moisture for seed purpose. ❖ Make the storage godown clean and spray Lambda Cyahalothrin 4.9CS@ 1.5ml/li. of water to minimize the chance of future infestation of storage pest. |
| Blackgram | <ul style="list-style-type: none"> ❖ After harvesting of paddy, it is ideal time for land preparation for sowing pulses like green gram, black gram and pea. ❖ Sow the seeds after treating with (Carboxin+Thiram)@2gm/kg of seed. ❖ Treat the seed after 7 days of above insecticide with specific Rhizobium culture before sowing. Mix 400g culture with 3g Ammonium molybdate & 800 ml water and apply with 10 kg of seed. ❖ Seed rate: Green gram and Black gram: 25-30Kg/ha. Pea-50Kg/ha. Fertilizer dose:20-40-20 Kg N-P2O5-K2O/ha |
| Rapeseed and Mustard | <ul style="list-style-type: none"> ❖ Thinning should be carried out before top dressing to maintain optimum plant population.Perform hoeing, weeding and thinning (wherever necessary) at 3 weeks stage. ❖ Irrigate the field if soil moisture stress is observed. ❖ Past weather condition is favourable for aphid attack and Leaf spot incidence in mustard crop so its regular monitoring should be advised. ❖ To manage leaf Webber,Aphid and Sawfly pests at early stage of infestation spray Neem-based pesticide (Neem Oil 1500 PPM) @ 600-ml/acre by mixing in 200-litre of water. After 7-10 days need based spraying of Acephate @300g/acre is recommended. |
| Vegetables | <p style="background-color: yellow; margin: 0;">Cole Crops :</p> <ul style="list-style-type: none"> ❖ To prevent collar rot of cole crops Spraying of (Metalaxy1+Mancozeb) @400g/acre or (Cymaxonil+Mancozeb) @ 2g /lit of water recommended. ❖ To manage Tobacco Caterpillar,Cabbage webber & Cabbage head borer spray Neem based formulation 1500ppm @600ml/acre followed by neem based spraying of Examectin Benzoate 5SG |

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| | <p>(80-100)g/acre or spinosad 45SC@70ml/acre recommended.</p> <ul style="list-style-type: none"> ❖ In Boron deficient soil foliar spray of 20% Boron @300g/acre to prevent the symptoms of hollow stems is recommended. <p>Tomato & Brinjal:</p> <ul style="list-style-type: none"> ❖ To prevent from wilting or partial wilting in brinjal and tomato apply Neem or Karanjaa cake and spray Tebuconazole fungicide @ 1ml/liter to plant and plant base. ❖ Provide bamboo or wooden stake for better fruit set and growth of Tomato plants. ❖ For minimizing the infestation of sucking insect pests like white fly, leaf hopper, thrips and aphid in vegetables nursery and main field, spray Thiamethoxam @ 0.4g/litre of water or Difenthurian @ 1g/li Of water. ❖ To control leaf eating caterpillar and fruit borer in winter vegetables like Brinjal, Cole crops, Chilly & tomato apply 0.5 g Emamectin benzoate or Spinosad 0.4 ml/ liter of water. <p>Cucurbits:</p> <ul style="list-style-type: none"> ❖ Sowing of Recommended HYV/Hybrid of Cucurbits after treating the seeds with Imidachloprid 600FS@(8-10)ml/kg seeds to minimize the incidence of viral /phytoplasma incidence. |
| Flower | <ul style="list-style-type: none"> ❖ Marigold ❖ Spray the crop with Difenthurion @1g/li. Of water or Abamectin @0.75ml/li. Of water to control the infestation of Thrips, Aphids, Mites and Leaf Minor. ❖ For spraying of incidence of leaf spot & Blight spraying of (Carbendazim+Mancozeb) Recommended. |
| Fruit | <ul style="list-style-type: none"> ❖ Papaya-Install Yellow Sticky trap to trap the vector (Whitefly) of Papaya Leaf Curl Virus. Alternate spraying of Neem oil formulation 1500ppm @3ml/lit of water and flonicamid 50WG @0.3g/litre to control whitefly. ❖ Coconut ❖ To reduce the incidence of Leaf blight in newly planted coconut saplings spraying of Meatalxyl+ Mancozeb@2 g/ litre of water is advised. |
| Pisciculture | <ul style="list-style-type: none"> ❖ As the winter is in the starting phase, there is a possibility of “EUS” disease in fish. Farmers are advised to apply ‘Cifax’ @ 400 ml mixed with 40 litre of water in one acre pond area as a preventive measure. ❖ The fishes should be fed daily with oil cake bran mixture at the rate of 2-3 % of their total biomass. |
| Animal Science | <ul style="list-style-type: none"> ➤ The large ventilation spaces in shed must be closed in night, as the night temperature is falling. ➤ 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. Umasankar Nayak
ADR & NODAL OFFICER
AMFU, RRTTS, Ranital

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