



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

WeekNo.06

No-12(Eng.Bulletin)  
Dt.-09.02.2024

**District-Balasore (North-Eastern Coastal Plain Zone)**

**Weather Condition During Last Week at Balasore (03.02.2024 –09.02.2024)**

Rainfall (mm)	0.3
Maximum temperature (°C)	27.0-32.0
Minimum temperature (°C)	15.0-22.0

Forecast (Upto 14.02.2024)

Given by Met .Centre, IMD,Bhubaneswar

**DISTRICT: Balasore**– As per IMD forecast, the district is likely to receive **Dry weather for 4 days & Very light rain on 14th** with clear sky to Generally Cloudy Sky. The wind speed is likely to remain within 07-10 km/h. The maximum temperature and minimum temperature will likely to remain 27-29°C and 14-17°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)
BALASORE	10-02-2024	0	27	14	0	36	24	10	112
	11-02-2024	0	29	15	0	42	24	9	75
	12-02-2024	0	27	15	2	44	28	7	180
	13-02-2024	0	27	16	4	49	30	10	153
	14-02-2024	2	28	17	7	58	30	10	158

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

**Agromet Advisory**

<b>Rice</b>	<p style="text-align: center;"><b>Farmers are advised to give necessary irrigation to field &amp; vegetable crops.</b></p> <ul style="list-style-type: none"> <li>❖ Farmers those have already completed transplanting, apply granular herbicide Bensulfuron-methyl + Pretilachlor @ 4kg/ acre at 5-8 days after transplanting.</li> <li>❖ Utilising the available water (Rainfall/Irrigation) puddle the land &amp; complete the transplanting of summer rice with basal application of 35 kg DAP,20 kg MOP &amp;10 kg ZnSO<sub>4</sub>/acre.</li> <li>❖ In bacterial blight endemic areas, dip the seedling roots in 0.1% (1g in one litre of water) Plantomycin solution before transplanting for 30 minutes.</li> </ul>
<b>Sugarcane</b>	<ul style="list-style-type: none"> <li>❖ In Ratoon crop of sugarcane remove the disease &amp; pest infected plants and dispose the grassy shoot infected plant followed by recommended fertilizer application &amp; spraying of Fipronil 5 Sc @2ml/l of water recommended.</li> <li>❖ Sugarcane Sett treatment with (Metalaxyl + Mancozeb)@2g/l Of water is recommended to decrease the incidence of diseases like Red Rot &amp; Wilt.</li> </ul>
<b>Blackgram</b>	<ul style="list-style-type: none"> <li>❖ To reduce incidence of Powdery mildew, Anthracnose &amp; Stem rot in blackgram spraying of (Tebuconazole + Sulphur) @500g/acre recommended.</li> <li>❖ To control aphids during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre. Then spray Thiamethoxam 25% W.G @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 17.8% SL @ 60-ml/acre or Imidacloprid by mixing in 200 litres of water.</li> </ul>
<b>Rapeseed &amp; Mustard</b>	<ul style="list-style-type: none"> <li>❖ The mustard/Toria crop is at the flowering to pod filling stage. Aphids in Mustard and Toria can be controlled by spraying Dimethoate 30% EC @ 2 ml/lit.</li> <li>❖ To control Mustard Sawfly, Leaf Webber and Tobacco Caterpillar infestation in mustard crop at early stage spray Neem-based pesticide (Neem Oil 1500 PPM) @ 600-ml/acre by mixing in 200-litre of water. Spraying of Insecticide should be done at the afternoon hours to protect the honeybees &amp; other beneficial insects.</li> </ul>

<b>Vegetables</b>	<p><b>Cucurbits:</b></p> <ul style="list-style-type: none"> <li>❖ 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.</li> <li>❖ Spraying Of Acephate @250g/acre along with neem oil formulation 600ml/acre to minimize damage caused by Red Pumpkin Beetle in cucurbits.</li> </ul> <p><b>Tomato &amp; Brinjal:</b></p> <ul style="list-style-type: none"> <li>❖ 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.</li> <li>❖ Provide bamboo or wooden stake for better fruit set and growth of Tomato plants.</li> <li>❖ 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.</li> <li>❖ To control leaf eating caterpillar and fruit borer in winter vegetables like Brinjal, Cole crops, Chilly &amp; tomato apply 0.5 g Emamectin benzoate or Spinosad 0.4 ml/ liter of water.</li> </ul>
<b>Pisciculture</b>	<ul style="list-style-type: none"> <li>❖ The fishes should be fed daily with oil cake bran mixture at the rate of 2-3 % of their total biomass.</li> </ul>
<b>Animal Science</b>	<ul style="list-style-type: none"> <li>➤ 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 .</li> </ul>

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

Dr. Umasankar 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 IMD Weather forecast & Agromet advisory and “Damini” App for Lightning warning. For better agricultural benefits use.

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