



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

WeekNo.07

No-14(Eng.Bulletin)  
Dt.-16.02.2024

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

**Weather Condition During Last Week at Balasore (10.02.2024 –16.02.2024)**

Rainfall (mm)	0.1
Maximum temperature (°C)	27.0-31.0
Minimum temperature (°C)	14.0-19.0

Forecast (Upto 21.02.2024)

Given by Met .Centre, IMD,Bhubaneswar

**DISTRICT: Balasore** – As per IMD forecast, the district is likely to receive **Dry weather for 5 days** with Clear sky to Mainly clear Sky. The wind speed is likely to remain within 09-19 km/h. The maximum temperature and minimum temperature will likely to remain 31-33°C and 19-20°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	17-02-2024	0	31	19	1	61	38	10	23
	18-02-2024	0	32	19	0	66	29	9	120
	19-02-2024	0	33	20	0	85	37	12	165
	20-02-2024	0	33	20	2	74	42	17	214
	21-02-2024	0	33	20	1	61	34	19	238

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

**Agromet Advisory**

<b>Rice</b>	<p><b>As Per IMD dry weather forecasted so, 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>❖ After harvesting of Sugarcane, to protect the cane hips from termite attack, spray Bifenthrin @ 30 ml in 15 liter of water.</li> <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> </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>❖ Spraying Of Acephate @250g/acre along with neem oil formulation 600ml/acre to minimize damage caused by Red Pumpkin Beetle in cucurbits.</li> <li>❖ To manage Epilachna Beetle in cucumber, spray neem-based pesticide (Neem Oil 1500 PPM) Azadiractin @ 600 ml/acre of water at early stage of infestation. To manage Epilachna Beetle chemically spray Chlorpyrifos 20 % EC @ 400ml/acre or Profenophos 50 % EC @400ml/acre by mixing with 200 litre of water.</li> </ul> <p><b>Tomato &amp; Brinjal:</b></p> <ul style="list-style-type: none"> <li>❖ Farmers should start sowing of tomato seed for summer cultivation in nursery bed because prevailing temperature suitable for germination of seed.</li> <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>❖ Small white rash appear on the body of fish and feels rough to hand are the symptoms of white spot disease in fish. Excessive mucus secret from fish body. To treat this disease in fish bath affected fish for 5 minutes in the 200 litre water which is mix with 500gram of salt, then release to the pond. This procedure continues for 7-10 days.</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

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