



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



WeekNo.13

No-25(Eng.Bulletin)  
Dt.-26.03.2024

District-Balasore (North-Eastern Coastal Plain Zone)

**Weather Condition During Last Week at Balasore (20.03.2024-26.03.2024)**

Rainfall (mm)	48.7
Maximum temperature (°C)	21.0-36.0
Minimum temperature (°C)	17.0-25.0

Forecast (Upto 31.03.2024)

Given by Met.Centre,IMD,Bhubaneswar

**DISTRICT: Balasore** - As per IMD forecast, the district is likely to receive **Dry weather for upcoming 4 days & Light rain on 31st** with Mainly Clear Sky to Overcast sky. The wind will blow southerly to south westerly in a speed within 19-22 km/h. The maximum temperature and minimum temperature will likely to remain 35-37°C and 22-25°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	27-03-2024	0	35	22	4	70	32	19	202
	28-03-2024	0	36	24	2	75	33	20	201
	29-03-2024	0	36	25	2	73	31	20	202
	30-03-2024	0	37	25	6	75	34	22	202
	31-03-2024	10	37	25	8	73	38	20	204

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

**Crop and Livestock Specific Agromet Advisory**

<b>General Advisory</b>	<p>As per IMD forecast, Dry weather is expected for next 4 days and Light rain on last day (31st)</p> <ul style="list-style-type: none"> <li>➤ As there is a chance of dry weather condition along with increase maximum temperature is expected during upcoming week so farmers are advised to apply fertilizer after draining out excess water under water logged condition and continue spraying operation during that period.</li> <li>➤ Prevailing weather condition is favorable for pest and disease incidence. So, Farmers are advised to monitor the fields regularly .</li> <li>➤ Avoid grazing / feeding of cattle during noon hours because there is a chance of increase in maximum temperature in upcoming days.</li> </ul>	
<b>Crop Name</b>	<b>Crop stage</b>	<b>Agromet Advisory</b>
<b>Summer Rice</b>	Transplanting/ Active Tillering	<ul style="list-style-type: none"> <li>❖ Farmers are advised to apply top dressing of urea fertilizer in rice plant after draining out excess water.</li> <li>❖ In summer rice high infestation of stem borer is observed so farmers are advised to monitor the activity of stem borer by installing light trap /Pheromone trap and apply To manage Yellow stem Borer apply 4 kg Rynaxypyr 0.4 G or Flubendiamide 0.7 G @5 kg/acre 8 kg Fipronil 0.3G per acre by keeping 2-3 cm of water level in Rice field.</li> <li>❖ To manage sheath blight &amp; Blast disease in paddy spray (Tebuconazole 50%+ Trifloxystrobin 25 % WG)@80g/acre recommended.</li> <li>❖ In some places in rice field BLB infestation noticed so to control this disease apply 200g plantomycin along with 500 g copper oxy chloride by mixing 200 l of Water &amp; apply 10 kg MOP /acre.</li> </ul>
<b>Sunflower</b>	Flowering	<ul style="list-style-type: none"> <li>❖ Remove the collar rot infected plants from field.</li> <li>❖ Need based drenching of (Metalaxyl + Mancozeb) or (Cymoxanil + Mancozeb) @400gm per acre is advised to control stem rot &amp; collar rot.</li> </ul>

<b>Sugarcane</b>	Vegetative stage	❖ To control early shot borer in sugarcane foliar spray of Fipronil 5SC @400 ml/acre is advised.
<b>Greengram</b>	Flowering/ Fruiting	❖ Prevailing weather condition may lead to population buildup & infestation of hairy caterpillar & Tobacco caterpillar. To minimise infestation place vegetative traps of (Ipomea/Jatropha leaves) near the field bund & need based spary of Lambda Cyahalothrin 4.9 CS@ 250ml/acre or Emamectin benzoate @100g /acre recommended. ❖ In summer greengram for the management of <i>Spodoptera litura</i> & pod borer spraying of Emamectin benzoate @80g per acre or prophenophos @400 ml per acre is recommended.
<b>Vegetables</b>	Flowering/ Fruiting	❖ To control Fruit and shoot borer in <b>Brinjal</b> , Spray Neem based pesticide 1500ppm @600ml/acre at initial stages. Later on go for alternate spray of Spinosad 45 SC @70ml/acre or Emamectin benzoate @80g & Thiachlopid@250ml/l of water. ❖ To prevent from wilting or partial wilting in <b>brinjal</b> and <b>tomato</b> apply Neem or Karanjaa cake and spray Tebuconazole fungicide @ 1ml/liter to plant and plant base. ❖ To control Epilachna beetle in brinjal crop spray Emmamectin benzoate 5 SG @ 60 gm in 200 litre of water per acre of land. ❖ Early (Alternaria) blight infection is observed in some tomato fields so spraying of Tebuconazole 50% + Trifloxystrobin 25% @ 0.4g per liter water should be advised. ❖ Spraying Of Acephate @250g/acre along with neem oil formulation 600ml/acre to minimize damage caused by Red Pumpkin Bettle & Epilacna beetle in <b>cucurbits</b> . ❖ To control the little leaf in <b>bitter guard</b> & other viral diseases of cucurbits up root the infected plants & spray Flonicamid @60g/acre is recommended.
<b>Fruit</b>	Mustard/Pea size fruit	<b>Mango-</b> ❖ To increase fruit size KNO <sub>3</sub> 2% at mustard size fruit stage should be applied. Spraying of <a href="#">NAA@1ml/4.5l</a> is recommended to prevent the fruit drop & Spraying of Planofix @ 1ml/4.5 liters of increase the fruit setting in mango. Farmers shouldn't apply hormone and insecticide at same time. There should be at least one week gap between their applications. ❖ If infestation of Mealy bug & Mango hopper incidence in mango observed ETL, to control these pests, Spraying of Thiamethoxam 0.4 g/l of water or Lambda Cyahalothrin 4.9CS @1.25 ml/l of water recommended.
<b>Livestock</b>		Animals should be given a mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%-20% in the daily ration 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

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>)