



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



WeekNo.12

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Dt.-19.03.2024

District-Bhadrak (North-Eastern Coastal Plain Zone)

**Weather Condition During Last Week at Bhadrak (13.03.2024 –19.03.2024)**

Rainfall (mm)	13.9
Maximum temperature (°C)	33.0-36.0
Minimum temperature (°C)	21.0-26.0

Forecast (Upto 24.03.2024)  
Given by Met.Centre,IMD,Bhubaneswar

**DISTRICT: Bhadrak**– As per IMD forecast, the district is likely to receive **Moderate rain received on 20<sup>th</sup> and dry weather for last 4 days** with clear to Overcast sky. The wind speed is likely to remain within 07-18 km/h. The maximum temperature and minimum temperature will likely to remain 25-35°C and 20-24°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	20-03-2024	25	25	20	8	88	38	10	116
	21-03-2024	0	25	20	6	89	69	7	34
	22-03-2024	0	30	22	0	79	55	8	236
	23-03-2024	0	33	22	0	80	29	14	207
	24-03-2024	0	35	24	0	73	23	18	212

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

**Crop and Livestock Specific Agromet Advisory**

<b>General Advisory</b>	<p>As per IMD,Light to Moderate rainfall , thunderstorm accompanied with lightning, gusty winds is expected during next days and dry weather for last 3 days ,</p> <ul style="list-style-type: none"> <li>➤ Strong wind may damage plantation, horticulture and standing crops so farmers are advised to provide mechanical support to horticultural crops &amp; staking to vegetables.</li> <li>➤ Harvest the matured crops and vegetables at the earliest and keep the harvested produce at safer places or cover the heaps of harvested produce in the fields with tarpaulin sheets.</li> <li>➤ Farmers are advised to drain excess water from all crops like- Green Gram, Black Gram, Maize, Vegetables &amp; sunflower.</li> <li>➤ Withhold all spraying &amp; fertilizer application operations.</li> <li>➤ The runoff water may be properly drained to farm pond for supplemental irrigation during later days.</li> </ul>	
<b>Crop Name</b>	<b>Crop stage</b>	<b>Agromet Advisory</b>
<b>Summer Rice</b>	Transplanting	<p>Withhold application of fertilizers and pesticides for the time being.</p> <ul style="list-style-type: none"> <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 cupper 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	<p>Withhold application of fertilizers and pesticides for the time being.</p> <p>❖ Prevailing weather condition may lead to population buildup &amp; infestation of hairy caterpillar &amp; Tobacco caterpillar. To minimise infestation place vegetative traps of (Ipomea/Jatropha leaves) near the field bund &amp; need based spary of Lambda Cyahalothrin 4.9 CS@ 250ml/acre or Emamectin benzoate @100g /acre recommended.</p> <p>❖ In summer greengram for the management of <i>Spodoptera litura</i> &amp; pod borer spraying of Emamectin benzoate @80g per acre or prophenophos @400 ml per acre is recommended.</p>
<b>Vegetables</b>	Flowering/ Fruiting	<p>❖ Since rain is anticipated, provide drainage in brinjal field.</p> <p>❖ 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 &amp; Thiachlopid@250ml/l of water.</p> <p>❖ 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.</p> <p>❖ Provide bamboo or wooden stake for better fruit set and growth of summer <b>Tomato</b> plants.</p> <p>❖ Spraying Of Acephate @250g/acre along with neem oil formulation 600ml/acre to minimize damage caused by Red Pumpkin Bettle &amp; Epilacna bettle in <b>cucurbits</b>.</p> <p>❖ To control the little leaf in bitter guard &amp; other viral diseases of cucurbits up root the infected plants &amp; spray Flonicamid @60g/acre is recommended.</p> <p>❖ Make the field clean and remove the weeds.</p>
<b>Fruit</b>	Flowering /Fruiting	<p><b>Mango-</b></p> <p>❖ Spraying of <a href="#">NAA@1ml/4.5l</a> is recommended to prevent the fruit drop &amp; increase the fruit setting in mango.</p> <p>❖ If infestation of Mealy bug &amp; 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.</p>
<b>Livestock</b>		Light to Moderate rain is forecasted in the coming week, farmers are advised to keep livestock inside sheds, to prevent from rain water drenching. To prevent mortality due to thunder strike, grazing should be prevented.

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