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**Ranital, Bhadrak, - 756111**

WeekNo.07

No-13(Eng.Bulletin)  
Dt.-13.02.2024

District-Bhadrak (North-Eastern Coastal Plain Zone)

**Weather Condition During Last Week at Bhadrak (07.02.2024 –13.02.2024)**

Rainfall (mm)	0.0
Maximum temperature (°C)	27.0-33.0
Minimum temperature (°C)	15.0-23.0

Forecast (Upto 18.02.2024)  
Given by Met.Centre,IMD,Bhubaneswar

**DISTRICT: Bhadrak**– As per IMD forecast, the district is likely to receive **Dry weather for 3 days & Light rain for 2 days** with Mainly clear sky to Overcast Sky. The wind speed is likely to remain within 10-11 km/h. The maximum temperature and minimum temperature will likely to remain 29-32°C and 20-21°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)
<b>BHADRAK</b>	14-02-2024	0	32	20	2	74	32	10	165
	15-02-2024	0	32	20	5	79	30	10	180
	16-02-2024	14	29	21	8	72	33	10	191
	17-02-2024	5	29	20	7	63	36	11	30
	18-02-2024	0	31	20	4	73	28	10	158

For further information, contact the Met.Centre,Aerodrom Area,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</li> </ul>

	honeybees & other beneficial insects.
<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>

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