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WeekNo.06

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District-Bhadrak (North-Eastern Coastal Plain Zone)

Weather Condition During Last Week at Bhadrak (03.02.2024 –09.02.2024)

Rainfall (mm)	0.8
Maximum temperature (⁰ C)	27.0-32.0
Minimum temperature (⁰ C)	16.0-23.0

Forecast (Upto 14.02.2024)
Given by Met.Centre,IMD,Bhubaneswar

DISTRICT: Bhadrak– As per IMD forecast, the district is likely to receive **Dry weather for 4 days & Light rain on 13th** with clear sky to Generally cloudy Sky. The wind speed is likely to remain within 09-11 km/h. The maximum temperature and minimum temperature will likely to remain 27-29°C and 16-19°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	10-02-2024	0	29	16	0	43	24	11	68
	11-02-2024	0	29	17	0	44	24	10	90
	12-02-2024	0	28	18	3	45	23	9	75
	13-02-2024	4	27	19	4	57	25	9	288
	14-02-2024	0	28	18	7	62	25	9	116

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

Agromet Advisory

Rice	<p style="text-align: center;">Farmers are advised to give necessary irrigation to field & vegetable crops.</p> <ul style="list-style-type: none">❖ Farmers those have already completed transplanting, apply granular herbicide Bensulfuron-methyl + Pretilachlor @ 4kg/ acre at 5-8 days after transplanting.❖ Utilising the available water (Rainfall/Irrigation) puddle the land & complete the transplanting of summer rice with basal application of 35 kg DAP,20 kg MOP &10 kg ZnSO₄/acre.❖ 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.
Sugarcane	<ul style="list-style-type: none">❖ In Ratoon crop of sugarcane remove the disease & pest infected plants and dispose the grassy shoot infected plant followed by recommended fertilizer application & spraying of Fipronil 5 Sc @2ml/l of water recommended.❖ Sugarcane Sett treatment with (Metalaxyl + Mancozeb)@2g/l Of water is recommended to decrease the incidence of diseases like Red Rot & Wilt.
Blackgram	<ul style="list-style-type: none">❖ To reduce incidence of Powdery mildew, Anthracnose & Stem rot in blackgram spraying of (Tebuconazole + Sulphur) @500g/acre recommended.❖ 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.
Rapeseed & Mustard	<ul style="list-style-type: none">❖ 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.❖ 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 & other beneficial insects.
Vegetables	<p>Cucurbits:</p> <ul style="list-style-type: none"> ❖ 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. ❖ Spraying Of Acephate @250g/acre along with neem oil formulation 600ml/acre to minimize damage caused by Red Pumpkin Beetle in cucurbits. <p>Tomato & Brinjal:</p> <ul style="list-style-type: none"> ❖ 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. ❖ Provide bamboo or wooden stake for better fruit set and growth of Tomato plants. ❖ 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. ❖ To control leaf eating caterpillar and fruit borer in winter vegetables like Brinjal, Cole crops, Chilly & tomato apply 0.5 g Emamectin benzoate or Spinosad 0.4 ml/ liter of water.
Pisciculture	<ul style="list-style-type: none"> ❖ The fishes should be fed daily with oil cake bran mixture at the rate of 2-3 % of their total biomass.
Animal Science	<ul style="list-style-type: none"> ➤ 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 .

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