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District-Balasore (North-Eastern Coastal Plain Zone)

Weather Condition During Last Week at Balasore (07.02.2024 –13.02.2024)

Rainfall (mm)	0.3
Maximum temperature (⁰ C)	27.0-32.0
Minimum temperature (⁰ C)	14.0-20.0

Forecast (Upto 18.02.2024)

Given by Met .Centre, IMD,Bhubaneswar

DISTRICT: Balasore– As per IMD forecast, the district is likely to receive **Dry weather for 3 days & Light rain for 2 days** with Partly Cloudy sky to Overcast Sky. The wind speed is likely to remain within 09-12 km/h. The maximum temperature and minimum temperature will likely to remain 29-31°C and 17-20°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	14-02-2024	0	31	18	4	65	37	12	165
	15-02-2024	0	31	18	5	71	39	9	169
	16-02-2024	15	29	20	8	72	40	11	165
	17-02-2024	5	30	19	7	58	39	10	15
	18-02-2024	0	31	17	4	62	33	10	210

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

Agromet Advisory

Rice	<p>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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