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**WeekNo.13**

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District-Balasore(North-Eastern Coastal Plain Zone)

**Weather Condition During Last Week at Balasore (22.03.2024-28.03.2024)**

Rainfall (mm)	11.8
Maximum temperature (°C)	27.0-36.0
Minimum temperature (°C)	20.0-25.0

**Forecast (Upto 02.04.2024)**

**Given by Met. Centre,IMD,Bhubaneswar**

**DISTRICT: Balasore**– As per IMD forecast, the district is likely to receive **Very Light to Light rain for 5 days** with Partly cloudy to Generally cloudy sky.The wind will blow southerly to south westerly in a speed within 14-20 km/h. The maximum temperature and minimum temperature will likely to remain 36-38°C and 24-26°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	29-03-2024	3	36	24	3	64	30	17	201
	30-03-2024	2	36	25	3	70	33	20	202
	31-03-2024	4	37	25	4	63	37	20	198
	01-04-2024	5	37	26	4	65	38	14	180
	02-04-2024	6	38	26	5	58	31	16	207

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>➔ Provide Life shaving Irrigation to the critical Growth stages of crop like in Greengram (Flowering &amp; Pod development), Groundnut (Pegging),Maize (Tasseling &amp; Silking) for optimum plant growth &amp; yield.</p> <p>➔ Prevailing weather condition is favorable for pest and disease incidence. So, Farmers are advised to monitor the fields regularly.</p>	
<b>Crop Name</b>	<b>Crop Stage</b>	<b>Agromet Advisory</b>
<b>Summer Rice</b>	Active Tillering / PI Stage	<ul style="list-style-type: none"> <li>❖ If the rice crop is in PI stage, apply 35 kg Urea &amp; 10 kg MOP/ha as final top dressing.</li> <li>❖ Prevailing weather condition in rice field may increase the BLS/BLB infestation, to control this disease apply 200g plantomycin along with 500 g copper oxy chloride by mixing 200 l of 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> </ul>
<b>Sunflower</b>	Flowering	<ul style="list-style-type: none"> <li>❖ Remove the collar rot infected plants from field.</li> <li>❖ To control head borer in sunflower Flubendiamide@60ml/acre recommended.</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	<ul style="list-style-type: none"> <li>❖ To control early shot borer in sugarcane foliar spray of Fipronil 5SC @400 ml/acre is advised.</li> </ul>
<b>Greengram</b>	Flowering/ Pod development	<ul style="list-style-type: none"> <li>❖ 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</li> </ul>

		<p>Cyhalothrin 4.9 CS @ 250ml/acre or Emamectin benzoate @ 100g /acre recommended.</p> <p>❖ In summer greengram for the management of Spodoptera litura &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>❖ To control Fruit and shoot borer in <b>Brinjal, Tomato &amp; Okra</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 @ 80-100g/acre &amp; Thiachloprid @ 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>❖ To control Fruit rot in <b>Tomato</b> spray (Metalaxyl + Mancozeb) 400g/acre recommended.</p> <p>❖ Spraying Of Acephate @ 250g/acre along with neem oil formulation 600ml/acre to minimize damage caused by Red Pumpkin Beetle &amp; Epilacna beetle in <b>cucurbits</b>.</p> <p>❖ To control the little leaf in <b>bitter guard</b> &amp; other viral diseases of cucurbits up root the infected plants &amp; spray Flonicamid @ 60g/acre is recommended.</p>
<b>Fruit</b>	Mustard/Pea size fruit	<p><b>Mango-</b></p> <p>❖ 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 &amp; 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.</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 Cyhalothrin 4.9CS @ 1.25 ml/l of water recommended.</p>
<b>Livestock</b>		<p>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.</p>

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