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District-Balasore (North-Eastern Coastal Plain Zone)

**Weather Condition During Last Week at Balasore (17.04.2024-23.04.2024)**

Rainfall (mm)	0.0
Maximum temperature ( <sup>0</sup> C)	39.0-42.0
Minimum temperature ( <sup>0</sup> C)	26.0-29.0

Forecast (Upto 28.04.2024)

Given by Met. Centre,IMD,Bhubaneswar

**DISTRICT: Balasore**– As per IMD forecast, the district is likely to receive **Mainly Dry weather for 4 days** with clear sky to Generally cloudy sky.The wind will blow southerly to south westerly in a speed within 15-19 km/h. The maximum temperature and minimum temperature will likely to remain 40-42°C and 25-26°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	24-04-2024	2	40	26	7	58	25	16	234
	25-04-2024	0	40	26	4	45	28	16	240
	26-04-2024	0	41	25	2	65	23	19	225
	27-04-2024	0	42	25	2	63	26	17	169
	28-04-2024	0	42	26	2	62	26	15	244

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>➔ <b>Dry weather along with increase in Day temperature</b> is expected for upcoming week, so farmer are advised to apply light and frequent irrigation to the standing crops, irrigate only during the evening or early morning hours. Avoid water stress in upcoming days because there is a chance of occurrence heat wave condition in some places.</p>	
<b>Crop Name</b>	<b>Crop Stage</b>	<b>Agromet Advisory</b>
<b>Summer Rice</b>	PI/Booting Stage	❖ Maintain optimum moisture level of 5cm at growth stages like Flowering in paddy field because hot and humid weather condition is expected in upcoming days.
<b>Sugarcane</b>	Vegetative stage	❖ Sugarcane crop should be kept weed free up to 4 months of planting by weeding and hoeing. As the summer season has started crop should be given irrigation at proper time intervals. Irrigate alternate rows and apply sugarcane trash as mulching. To control early shot borer in sugarcane foliar spray of Fipronil 5SC @400 ml/acre is advised.
<b>Greengram</b>	Pod development	❖ It is the critical stage of water requirement for green gram crop and water stress at this stage may lead to poor pod filling so maintenance of adequate moisture should be advised. ❖ In summer greengram for the management of pod borer complex spraying of Emamectin benzoate @80g per acre or profenophos @400 ml per acre is recommended.
<b>Vegetables</b>	Flowering/ Fruiting	❖ Prevailing dry weather condition is favorable for Mite incidence in vegetables to control this apply proparagite @250ml or spiromesifen by mixing 200ml of water. ❖ 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

		<p>Spinosad 45 SC @70ml/acre or Emamectin benzoate @80-100g/acre &amp; Thiachloprid@250ml/l of water.</p> <ul style="list-style-type: none"> <li>❖ Irrigate the banana and papaya by using ring method.</li> <li>❖ 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.</li> </ul>
<b>Fruit</b>	Marble stage	<p><b>Mango-</b></p> <ul style="list-style-type: none"> <li>❖ This month is very crucial for fruit growth in Mango orchard and water scarcity at this stage may lead poor fruit development therefore farmers are advised to maintain moisture by applying irrigation at 10-15 days interval at early morning or evening hours.</li> <li>❖ 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.</li> </ul>
<b>Livestock</b>		<p>Cover the shed roof with straw, paint it white or plaster with dung-mud to reduce temperature. In extreme heat condition, spray water Under the prevailing hot &amp; humid weather condition cattle &amp; goat should be kept at shaded places &amp; provide them cool, clean and pure water.</p>

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