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WeekNo.14

No-27(Eng. Bulletin)
Dt.-02.04.2024

District-Balasore (North-Eastern Coastal Plain Zone)

Weather Condition During Last Week at Balasore (27.03.2024-02.04.2024)

Rainfall (mm)	1.2
Maximum temperature (⁰ C)	35.0-39.0
Minimum temperature (⁰ C)	25.0-27.0

Forecast (Upto 07.04.2024)

Given by Met. Centre,IMD,Bhubaneswar

DISTRICT: Balasore- As per IMD forecast, the district is likely to receive **Dry weather for 4 days &** Very Light rain for last days with Mainly Clear to Partly cloudy sky.The wind will blow southerly to south westerly in a speed within 13-19 km/h. The maximum temperature and minimum temperature will likely to remain **39-41°C** and 27-28°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	03-04-2024	0	39	27	1	57	27	13	202
	04-04-2024	0	39	27	1	71	26	15	202
	05-04-2024	0	40	28	1	80	39	19	202
	06-04-2024	0	40	28	1	67	30	17	225
	07-04-2024	2	41	28	3	61	27	14	169

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

Crop and Livestock Specific Agromet Advisory

General Advisory	<p>➤ As there is possibility of heat wave condition in the district, farmers should take proper precautionary measures for themselves, crops and cattle. Due to present hot weather condition standing crops and fruits should be given light and frequent irrigation as per requirement in morning or evening hours. For soil moisture conservation and avoid evaporation losses mulching practices should be followed. As the day time temperatures are on rise carryout all the field operations in morning hours.</p> <p>➤ Farmers should observe the pest and disease incidence on their field and if the infestation is above economic threshold level (ETL) then spraying of insecticide and pesticide should be done in morning hours.</p>	
Crop Name	Crop Stage	Agromet Advisory
Summer Rice	Active Tillering / PI Stage	<ul style="list-style-type: none"> ❖ If the rice crop is in PI stage, apply 35 kg Urea & 10 kg MOP/ha as final top dressing. ❖ 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. ❖ 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. ❖ To manage sheath blight & Blast disease in paddy spray (Tebuconazole 50%+ Trifloxystrobin 25 % WG)@80g/acre recommended.
Sunflower	Flowering	<ul style="list-style-type: none"> ❖ To control head borer in sunflower Flubendiamide@60ml/acre recommended. ❖ Need based drenching of (Metalaxyl + Mancozeb) or (Cymoxanil + Mancozeb) @400gm per acre is advised to control stem rot & collar rot.
Sugarcane	Vegetative stage	<ul style="list-style-type: none"> ❖ 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.

Greengram	Flowering/ Pod development	<ul style="list-style-type: none"> ❖ Prevailing weather condition may lead to population buildup & infestation of hairy caterpillar & Tobacco caterpillar. To minimise infestation place vegetative traps of (Ipomea/Jatropha leaves) near the field bund & need based spary of Lambda Cyahalothrin 4.9 CS@ 250ml/acre or Emamectin benzoate @100g /acre recommended. ❖ In summer greengram for the management of Spodoptera litura & pod borer spraying of Emamectin benzoate @80g per acre or prophenophos @400 ml per acre is recommended.
Vegetables	Flowering/ Fruiting	<ul style="list-style-type: none"> ❖ To control Fruit and shoot borer in Brinjal, Tomato & Okra 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 & Thiachloprid@250ml/l of water. ❖ 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. ❖ To control Fruit rot in Tomato spray (Metalaxyl + Mancozeb) 400g/acre recommended. ❖ Spraying Of Acephate @250g/acre along with neem oil formulation 600ml/acre to minimize damage caused by Red Pumpkin Bettle & Epilacna beetle in cucurbits. ❖ To control the little leaf in bitter guard & other viral diseases of cucurbits up root the infected plants & spray Flonicamid @60g/acre is recommended.
Fruit	Mustard/Pea size fruit	<p>Mango-</p> <ul style="list-style-type: none"> ❖ To increase fruit size KNO₃ 2% at mustard size fruit stage should be applied. Spraying of NAA@1ml/4.5l is recommended to prevent the fruit drop & 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. ❖ If infestation of Mealy bug & 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.
Livestock		Due to present weather condition cattle should be kept at safe and shaded places. Give cool, clean and pure water to animals.

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