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WeekNo.09

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District–Bhadrak (North-Eastern Coastal Plain Zone)

Weather Condition During Last Week at Bhadrak (24.02.2024 –01.03.2024)

Rainfall (mm)	0.2
Maximum temperature (°C)	27.0-34.0
Minimum temperature (°C)	19.0-23.0

Forecast (Upto 06.03.2024)
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 for one day** with clear sky to Mainly clear sky. The wind speed is likely to remain within 11-13 km/h. The maximum temperature and minimum temperature will likely to remain 31-34°C and 22-23°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	02-03-2024	0	34	22	0	84	32	12	169
	03-03-2024	0	33	22	0	87	22	13	206
	04-03-2024	0	33	22	1	76	28	11	199
	05-03-2024	0	31	23	1	87	31	11	195
	06-03-2024	5	31	23	2	79	30	11	193

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

Crop and Livestock Specific Agromet Advisory

General Advisory	<ul style="list-style-type: none"> As per IMD forecast dry weather to light rain is predicted for upcoming 5 days so farmers are advised to provide necessary irrigation to field & vegetable crops. Due to the prevalence of dry & warm climate, infestation of Serpentine leaf minor, Mite & thrips population have been increased in vegetable crops. To control all these pests apply Abamectin 1.9 EC@150ml/acre or Diafenturian 50WP@200g/acre recommended. 	
Crop	Crop Stage	Agromet Advisory
Summer Rice	Transplanting	<ul style="list-style-type: none"> 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 4 kg Rynaxypyr 0.4 G or 8 kg Fipronil 0.3G per acre. In some places BLB infestation noticed so to control this disease apply 200g plantomycin along with 500 g copper oxy chloride by mixing 200 l of Water & apply 10 kg MOP /acre. Apply 35 kg urea as top dressing after weeding operation.
Sunflower	Flower Initiation	<ul style="list-style-type: none"> In sunflower crop if the infestation of <i>Spodoptera litura</i> & head borer is noticed application of 80g Emamectin Benzoate or 60 ml flubendiamide is recommended.
Sugarcane	Vegetative stage	<ul style="list-style-type: none"> To control early shot borer in sugarcane foliar spray of Fipronil 5SC @400 ml/acre is advised.
Greengram	Flowering/ Fruiting	<ul style="list-style-type: none"> In summer green gram if Leaf crinkle virus & yellow mosaic virus infestation observed, install 25 yellow stick trap/acre and spray Thiamethoxam 80 g per acre.
Mustard	Harvesting/ Drying	<ul style="list-style-type: none"> If Mustards are ready to harvest then farmers are advised to dry their harvested produce in clean place.
Vegetables	Flowering/ Fruiting	<ul style="list-style-type: none"> To control Fruit and shoot borer in Brinjal, 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 @80g &

		<p>Thiachloprid@250ml/l of water.</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. ❖ If Boron Micro nutrient deficiency induced fruit cracking is noticed, spraying of 300g Boron (20%) recommended. ❖ Provide bamboo or wooden stake for better fruit set and growth of summer Tomato plants. ❖ Spraying Of Acephate @250g/acre along with neem oil formulation 600ml/acre to minimize damage caused by Red Pumpkin Bettle & Epilacna bettle in cucurbits.
Fruit	Flowering /Fruiting	Mango -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		As temperature is increasing day by day, Farmers should provide sufficient clean drinking water to animals and make proper shelter and feed management.

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