



**Gramin Krishi Mausam Sewa
India Meteorological Department
Odisha University of Agriculture and Technology
Ranital, Bhadrak, - 756111**



WeekNo.10

No-19(Eng.Bulletin)
Dt.-04.03.2024

District-Bhadrak (North-Eastern Coastal Plain Zone)

Weather Condition During Last Week at Bhadrak (27.02.2024 –04.03.2024)

Rainfall (mm)	0.3
Maximum temperature (°C)	29.0-35.0
Minimum temperature (°C)	19.0-23.0

Forecast (Upto 09.03.2024)
Given by Met.Centre,IMD,Bhubaneswar

DISTRICT: Bhadrak– As per IMD forecast, the district is likely to receive **Dry weather for 3 days & Light rain for 2 days(7th & 8th)** with Mainly clear to partly cloudy sky. The wind speed is likely to remain within 10-14 km/h. The maximum temperature and minimum temperature will likely to remain 32-35°C and 22-24°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	05-03-2024	0	35	23	2	83	33	14	199
	06-03-2024	0	35	22	2	79	28	10	171
	07-03-2024	3	34	22	4	82	42	12	158
	08-03-2024	4	32	24	3	71	41	10	68
	09-03-2024	0	32	24	2	81	39	13	68

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

Crop and Livestock Specific Agromet Advisory

General Advisory	<p>Due to the prevalence of dry & warm climate-</p> <ul style="list-style-type: none"> ➤ 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. ➤ Farmers are advised for light and frequent irrigation in their crop field. 	
Crop Name	Crop stage	Agromet Advisory
Summer Rice	Transplanting	<ul style="list-style-type: none"> ❖ In some places in rice field 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. ❖ 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. ❖ Apply 35 kg urea as top dressing after weeding operation.
Sunflower	Flower Initiation	❖ In sunflower crop if the infestation of <i>Spodoptera litura</i> & head borer is noticed application of 80g Emamectin Benzoate or 60ml flubendiamide is recommended.
Sugarcane	Vegetative stage	❖ To control early shot borer in sugarcane foliar spray of Fipronil 5SC @400 ml/acre is advised.
Greengram	Flowering/ Fruiting	❖ 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	❖ If Mustards are ready to harvest then farmers are advised to dry their harvested produce in clean place.
Vegetables	Flowering/ Fruiting	❖ 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

		<p>Spinosad 45% SC @70ml/acre or Emamectin benzoate @80g & Thiachlopid@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.

Mrs. Meera Mahanty
Jr. Agrometeorologist
AMFU, RRTTS, Ranital

Dr. Umasankar Nayak
ADR &NODAL OFFICER
AMFU,RRTTS, Ranital

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