



Gramin Krishi Mausam Sewa
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WeekNo.50

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District-Balasore (North-East Coastal Plain Zone)

Weather Condition During Last Week at Balasore (06.12.2023 –12.12.2023)

Rainfall (mm)	11.8
Maximum temperature (⁰ C)	22.0-29.0
Minimum temperature (⁰ C)	11.0-21.0

Forecast (Upto 17.12.2023)
Given by Met. Centre,IMD,Bhubaneswar

DISTRICT: Balasore– As per IMD forecast, the district is likely to receive **Dry weather for 5 days** with Clear Sky to Partly Cloudy sky. The wind speed is likely to remain within 07-12 km/h. The maximum temperature and minimum temperature will likely to remain 27°C and 12-13°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	13-12-2023	0	27	12	1	57	33	7	135
	14-12-2023	0	27	12	1	61	36	8	135
	15-12-2023	0	27	13	3	46	32	11	135
	16-12-2023	0	27	13	0	46	29	12	90
	17-12-2023	0	27	12	0	43	27	12	112

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

Agromet Advisory

Khari Rice	<ul style="list-style-type: none">❖ Harvest the matured paddy and keep in safer place.❖ Make the threshing floor and storage ground clean and disinfectant the same.❖ Clean the storage Go down properly and spray Lambda Cyahalothrin <u>4.9CS@ 1.5ml/li.</u> of water to minimize the chance of future infestation of storage pest.❖ Grains must be dried under sun for 3-4 days to 14% moisture for consumption and 12% moisture for seed purpose.
Rapeseed and Mustard	<ul style="list-style-type: none">❖ Taking the advantage of store soil moisture, land preparation and sowing of the crop should be completed soon to get optimum yield.❖ Suitable varieties: Toria- Sushree Indian mustard- NRCHB 101, JD 6, Sampoorna❖ Seed rate- 8-10 Kg/ha, Spacing- 30 cm X 10 cm❖ Fertilizer dose: Toria @60:30:30 N-P2O5-K2O Kg/ha Mustard@80:40:40 N-P2O5-K2O Kg/ha 50%N and all P2O5 and K2O fertilizers should be applied as basal.❖ Application of Bentonite Sulphur @30kg/ha for increasing the oil content .Otherwise select Grommer (20:20:0:13) and MOP as a source of N,P,K & S.
Vegetables	<ul style="list-style-type: none">❖ To prevent from wilting or partial wilting in brinjal and tomato apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.❖ In case of solanaceous vegetable avoid excess irrigation to prevent the occurrence and spreading of wilting disease.If wilting is noticed uproot the plants, expose the soil to sunlight and spray Tebuconazole @200ml along with Plantomycin @ 200 g/acre.❖ Provide bamboo or wooden stake for better fruit set and growth of Tomato plants.❖ For minimizing the infestation of sucking insect pests like white fly, leaf hopper ,thrips and aphid in vegetables nursery and main field, spray Thiamethoxam @ 0.4g/litre of water.❖ To control leaf eating caterpillar and fruit borer in winter vegetables like Brinjal, Cole crops, Chilly & tomato apply 0.5 g Emamectin benzoate or 0.4 ml Spinosad per liter of water.

	<ul style="list-style-type: none"> ❖ Legume Vegetables- Cowpea, Beans, Runner bean To protect the crop from flea beetle and other foliage feeder spray Neem oil 1500 PPM @ 3ml/li. of water or spinosad 0.4 ml/lit of water recommended. ❖ For Minimizing the spread of viral diseases like Cowpea Mosaic virus, Install yellow sticky trap, spray Neem based formulation 1500 ppm @ 3 ml/ lit of H₂O and need based application of Acetamiprid @ 0.4g/lit of water recommended.
Cole Crops	<ul style="list-style-type: none"> ❖ To prevent collar rot of cole crops Spraying of (Metalxyl + Mancozeb) or (Cymaxonil+Mancozeb) @ 2g /lit of water recommended.
Fruit	<ul style="list-style-type: none"> ❖ Papaya-Install Yellow Sticky trap to trap the vector (Whitefly) of Papaya Leaf Curl Virus. Alternate spraying of Neem oil formulation 1500ppm @3ml/lit of water and flonicamid 50WG @0.3g/litre to control whitefly. ❖ Avoid Growing of crops like – Okra, Cowpea in the near vicinity of papaya crops. ❖ Coconut- ❖ Monitor the activity and infestation level of Red Palm Weevil and Rhinoceros Beetle. Spraying of Lambda Cyhalothrin @1.25ml/lit. of water in the manure pits adjoining to coconut plantation recommended. ❖ To reduce the incidence of Leaf blight in newly planted coconut saplings spraying of Meatalxyl+ Mancozeb@2 g/ litre of water is advised.
Pisciculture	<ul style="list-style-type: none"> ❖ As the winter is in the starting phase, there is a possibility of “EUS” disease in fish. Farmers are advised to apply ‘Cifax’ @ 400 ml mixed with 40 litre of water in one acre pond area as a preventive measure. ❖ The fishes should be fed daily with oil cake bran mixture at the rate of 2-3 % of their total biomass.
Animal Science	<ul style="list-style-type: none"> ❖ Animals should be given mineral mixture along with salt regularly and wheat grains, jaggery etc. may be provided @ 10%-20% in the daily ration during winter season to meet the energy requirement of the animals. ❖ 10% extra dry matter should be provided over and above the total requirement to fulfill the extra energy requirement in winter

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