



Gramin Krishi Mausam Sewa
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District-Jajpur (North-East Coastal Plain Zone)

Forecast (Upto 03.01.2024)
Given by Met. Centre,IMD,Bhubaneswar

DISTRICT: Jajpur– As per IMD forecast, the district is likely to receive **Dry weather for 5 days** with Clear to Partly Cloudy sky. The wind speed is likely to remain within 05-06 km/h. The maximum temperature and minimum temperature will likely to remain 27-28°C and 15-16°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)
JAJPUR	30-12-2023	0	27	15	0	58	34	5	210
	31-12-2023	0	27	15	0	61	33	5	236
	01-01-2024	0	28	15	0	61	32	5	210
	02-01-2024	0	28	16	2	63	32	6	135
	03-01-2024	0	27	16	3	67	34	6	195

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

Agromet Advisory

Kharif Rice	<p>General Advisory-</p> <ul style="list-style-type: none"> ❖ Farmers are advised not to burn the residue of Kharif crops in the fields because it not only pollute the environment but also cause severe health problems. ❖ To prevent damage from fog, low temperature and moisture stress, provide light irrigation to standing crops & vegetables during morning hours. ❖ Rice grains must be dried under sun for 3-4 days to 14% moisture for consumption and 12% moisture for seed purpose. ❖ Make the threshing floor and storage godown clean and spray Lambda Cyhalothrin <u>4.9CS@ 1.5ml/li.</u> of water to minimize the chance of future infestation of storage pest.
Blackgram	<ul style="list-style-type: none"> ❖ In the shallow low land areas sowing of local blackgram as paira crop should be completed. ❖ Sow the seeds after treating with (Carboxin+Thiram)@2gm/kg of seed. ❖ Treat the seed after 7 days of above insecticide with specific Rhizobium culture before sowing. Mix 400g culture with 3g Ammonium molybdate & 800 ml water and apply with 10 kg of seed.
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. ❖ 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. ❖ Thinning should be carried out before top dressing to maintain optimum plant population.Perform hoeing, weeding and thinning (wherever necessary) at 3 weeks stage. ❖ Irrigate the field if soil moisture stress is observed. ❖ Past weather condition is favourable for aphid attack and white rust infestation in mustard crop so its regular monitoring should be advised. ❖ To manage leaf Webber and Sawfly pests at early stage of infestation spray neem-based pesticide (Neem Oil 1500 PPM) @ 600-ml/acre by mixing in 200-litre of water. After 7-10 days, spray Bacillus thuringensis @ 500 g/acre by mixing in 200-litre of water.
Vegetables	<ul style="list-style-type: none"> ❖ Cauliflower: To manage Alternaria leaf spot disease in Cole crops spray Mancozeb 75 % WP @ 600-gram/acre or carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/acre by mixing in 200-litre of water. Chances of diamond back moth infestation in cauliflower, if observe spray Azadirachtin 5% W/W @ 0.5 ml/litre of water or Emamectin benzoate 5% SG @ 0.4 g/litre of water. To increase yield spray Borax (10.5% B) @ 3 g/litre of water at 30 and 50 days after transplanting. ❖ Tomato & Brinjal: ❖ To prevent from wilting or partial wilting in brinjal and tomato apply Neem or Karanjaa cake. And spray (basal + foliar) Tebuconazole fungicide @ 1ml/liter.

	<ul style="list-style-type: none"> ❖ 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.
Flower	<ul style="list-style-type: none"> ❖ Marigold: Mealy bug in marigold can be controlled by spraying Fish oil or resin soap @ 25 g/l. In severe infestation, spray Dimethoate or Prophenophos @ 2 ml/lt.●
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. ❖ Coconut- ❖ 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"> ➤ The large ventilation spaces in shed must be closed in night, as the night temperature is falling. ➤ 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

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