



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

WeekNo.01

No.-01 (Eng.Bulletin)
Dt.-02.01.2024

District-Jajpur (North-East Coastal Plain Zone)

Forecast (Upto 07.01.2024)
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 06-08 km/h. The maximum temperature and minimum temperature will likely to remain 28-29°C and 16-18°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	03-01-2024	0	28	16	0	58	27	7	90
	04-01-2024	0	29	17	0	64	29	8	292
	05-01-2024	0	29	18	0	80	28	7	288
	06-01-2024	0	28	18	3	81	29	6	158
	07-01-2024	0	28	16	4	76	32	6	288

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

Agromet Advisory

General Advisory-	<ul style="list-style-type: none"> ❖ To prevent damage from fog, low temperature and moisture stress, provide light irrigation to standing crops & vegetables during morning hours.
Khari Rice	<ul style="list-style-type: none"> ❖ 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 4.9CS@ 1.5ml/li. 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"> ❖ 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 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. ❖ 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	❖ Marigold: Mealy bug in marigold can be controlled by spraying Fish oil or resin soap @ 25 g/lit. In severe infestation, spray Dimethoate or Prophenophos @ 2 ml/lit.
Fruit	❖ 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	❖ 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	➤ 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

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

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

For better agricultural benefits use, **OUAT KALINGA products (Seedlings, Saplings & QPM, Tissue Culture Plants, Fruits & Vegetables, Value Added Products, Fingerlings/ Yearlings, Poultry chicks, Breeds, Mushroom & Spawn, Bio-Fertilizer, Bio-Pesticides, Vermi & Vermi Compost and Farm Implements).**

IMD Weather forecast and Agro-meteorological advisory of Odisha location is now available on Meghdoot mobile app in English and Odia language.

Download:(Android:<https://play.google.com/store/apps/details?id=com.aas.meghdoot>),(iOS:<https://apps.apple.com/in/app/meghdoot/id1474048155>)