



GRAMIN KRISHI MAUSAM SEWA (GKMS)
INDIA METEOROLOGICAL DEPARTMENT, MINISTRY OF EARTH SCIENCES
ODISHA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY
BHUBANESWAR -751 003



Dr. T. R. Mohanty
Nodal Officer

Week No. 02

No. – 23 (Eng. Bulletin)
Dt. – 09.12.2025

District - Jagatsinghpur (East and South-Eastern Coastal Plain Agroclimatic Zone)

Past Week Weather in Jagatsinghpur (03/01/2026 to 09/01/2026)		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
26	14.3	Nil

Crop Condition:

- Raising of nursery bed and land preparation for rabi paddy is going on. Harvesting and planting of Sugarcane is under progress.
- Sowing of Rabi crops like Cereals, Pulses, Oilseeds, Vegetables and Spices are under progress. Overall crop condition is Normal.

Weather Forecast for Jagatsinghpur from 10-01-2025 to 14-01-2025 (Given by Met. Centre, IMD, Bhubaneswar)

Weather Parameters	Day-1	Day-2	Day-3	Day-4	Day-5
Rainfall & Sky Condition					
	Dry weather with mainly clear sky	Dry weather with mainly clear sky	Dry weather with clear sky	Dry weather with clear sky	Dry weather with mainly clear sky
Maximum Temperature (°C)	27	26	27	27	27
Minimum Temperature (°C)	12	13	13	10	10
Morning Relative Humidity (%)	55	64	71	75	80
Afternoon Relative Humidity (%)	21	22	25	26	29
Wind Speed (Km/h)	14	11	10	10	9
Wind Direction	16	358	358	90	9

As per the forecast received from IMD, dry weather may prevail over the district of Jagatsinghpur for the next five days. The sky condition may remain clear to mainly clear until Wednesday. In the next five days, the wind may blow at 09 - 14 km/h. The daily maximum and minimum temperatures will likely remain 26 - 27 °C and 10 -13 °C, respectively.

Agromet Advisory

- ❖ As per the district level weather forecast issued by IMD, dry weather may prevail over the district of Jagatsinghpur for the next five days.
- ❖ Maintain saturated condition in the surface soil of nursery bed by applying irrigation in furrow, for proper establishment and early growth of Rice seedlings.
- ❖ Mulch vegetable seedling with straw or other mulching material to avoid cold injury.
- ❖ Standing water to a depth of 2-3 cm should be maintained at least for 2-3 days before uprooting of seedlings in Paddy nursery.
- ❖ Due to low night temperature, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the Rabi crops and vegetables. Monitor the crops and vegetables, if symptoms are noticed, undertake appropriate plant protection measures.
- ❖ In view of prevailing low temperature, provide light irrigation to standing vegetables and crops during morning hours.
- ❖ Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.

General Advisory

Crop	Stage	Advisory
PADDY (Summer)	sowing	❖ Apply 800g Cartap Hydrochloride 4% G or 400g Chlorantraniliprole 0.4% G for 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.
BLACKGRAM AND GREENGRAM	Vegetative stage	❖ Yellow mosaic virus Present weather condition is favourable for the incidence of yellow mosaic virus which is caused by the vector white fly. To control go for spraying of triazophos @ 400 ml/acre or Acetamipride @ 40 g per acre.
GROUNDNUT	Vegetative stage	❖ Aphids and Thrips To control aphids and thrips spray Neem Based Pesticide 300 PPM @ 1 litre /acre during primary stage of infestation. If the infestation is severe than spray Thiamethoxam 25% W.G @ 40 g/acre or Imidacloprid 17.8% SL @ 50 ml/acre by mixing it in 200 litre of water.
MUSTARD	Flowering stage	❖ Sawfly and leaf Webber management To manage Mustard sawfly and leaf Webber spray Ethofenprox 10 % EC @ 200-ml/acre or Chlorpyriphos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. Apply the insecticides in the afternoon hours so that the movement of Honeybees will not be disturbed.
SUGARCANE	Planting stage	❖ To prevent red rot disease, resistant varieties like CO-7219, CO-8371, CO-8013, CO-8014, CO-6907, CO-7601 and CO- 7602 should be selected. Soak the setts for 30 minutes in a solution of 100 lit of water containing 150 g of carbendazim 50 WP, 200- ml of chlorpyriphos 20 % EC and 1 kg urea. Do not add chlorpyriphos if soil drenching is adopted.
CHILLI	Vegetative – Fruit formation stage	❖ Mites Management To manage mites in chilli crop spray Ethion 50 % EC @ 600-ml/acre or Spiromesifen 22.9 % SC @ 200-ml/acre or Propargite 57 % EC @ 600- ml/acre.
CAULIFLOWER & CABBAGE	Vegetative to Curd formation stage	❖ 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.
TOMATO	Vegetative to fruiting	❖ Aphids Prevailing fog condition may increase the infestation aphid. To control aphid need based spraying of neem oil formulation @ 600ml per acre or Flonicam @ 60g per acre is recommended.
POTATO	Vegetative stage	❖ Aphid and Jassid management To manage Aphids and Jassids during primary stage of pest infestation spray, neem based pesticide 1500 PPM @ 600 ml/acre. To manage these pests chemically, spray Thiamethoxam 25% W.G @ 40g /acre or Dinotefuran 20 % SG @ 80 g/acre or Flonicamid 50 % WG @ 60 g/acre by mixing in 200 litre of water.
ROSE	Vegetative to Flowering	❖ To control thrips in rose, spray Fenpyroximate 5% EC @ 2 ml or Abamactin @1 ml per litre of water.
ANIMAL HUSBANDRY		❖ Lumpy skin disease in cattle is prevalent in Odisha, where Infection typically causes fever, depression, skin nodules, and reduction in milk yield. It is spread by flies, mosquitoes and tick. Animal's shed should be cleaned. Consult to nearby veterinary doctor if Lumpy skin disease symptom is observed in cattle.
POULTRY		❖ In poultry farming, ensure the chicks stay warm by using artificial lighting in the poultry houses. During winter insulate the poultry house against the cold wind by using gunny bag and at the same time take care of ventilation to avoid ammonia build up. ❖ Feed enough mineral and calcium to laying birds @ 3.25% of feed intake.

PRINCIPAL NODAL OFFICER

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 & VermiCompost 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>)

E-mail: aas_ouat@yahoo.com, WhatsApp: +91 76569 09765, Web Portal: <https://ouat.nic.in/agro-advisory-service>