



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. 19

No. -542 (Eng. Bulletin)
Dt. - 12.05.2026

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

Past Week Weather in Jagatsinghpur		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
32.7	26	18.4

Weather Forecast for Jagatsinghpur from 13-05-2026 to 17-05-2026 (Given by Met. Centre, IMD, Bhubaneswar)

DISTRICT	JAGATSINGHPUR				
	13/05/2026	14/05/2026	15/05/2026	16/05/2026	17/05/2026
Date					
Rainfall (mm)	4	3	3	2	2
T-MAX (°C)	35	37	36	36	37
T-MIN (°C)	28	28	28	26	26
Cloud Cover	3	2	2	2	2
Rh Max (%)	85	84	83	83	88
Rh Min (%)	52	50	52	50	48
Wind speed (kmph)	9	13	21	23	21
Wind Direction (deg)	187	211	213	214	209
Weather Warnings	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorms & Lightning, Squall etc; Strong Surface Winds

Forecast Summary :

As per the forecast received from IMD, the district of Jagatsinghpur may likely to receive very light to light rainfall for the next five days. The sky condition may remain mainly clear to partly cloudy until next Sunday. In the next five days, the wind may blow at 09 - 23 km/h. The daily maximum and minimum temperatures will likely remain 35 - 37°C and 26 - 28°C, respectively.

General Advisory

- ❖ Dry the harvested Paddy, Ground nut, Blackgram and Greengram until the optimum moisture content is attained. Clean the entire surface where the storage is to be done.
- ❖ Go for summer ploughing to reduce weed infestation, to destroy eggs and larvae of hibernated soil insects and to increase soil profile recharge.
- ❖ Protect the mangoes in trees by netting from heavy wind.
- ❖ To avoid the damage due to gusty surface wind and rain in cucurbitaceous vegetables, pluck all the harvestable produce from the vine immediately. To avoid the physical damage, strengthen the vine by staking.
- ❖ Sesbania (Dhaincha) seeds @ 10 kg/acre should be sown as Green Manuring crop after summer ploughing.
- ❖ As thunderstorms with lightning are expected for the next five days, farmers are advised to stop all outdoor activities once you hear thunder or see lightning. Do not take shelter under tall trees, electric poles, or isolated sheds. Unplug farm equipment, motors, and irrigation pumps to avoid damage.
- ❖ Provide clean and adequate water to the animals. Allow them for grazing either in morning or in afternoon hour.

SMS Advisory :

- ❖ Prepare the kharif crop plan depending upon the land type, soil fertility and irrigation facility.

Agromet Advisory

Crop	Stage	Advisory
PADDY	Harvesting	❖ Harvest the rice crop at physiological maturity (85% grains matured in a panicle) and looks pale yellow in colour. It will minimize loss due to shattering of grains in summer paddy. Dry the harvested paddy grains in direct sunlight for 2-3 days to get the moisture content at 14%.
SUGARCANE	Vegetative	❖ Early shoot borer To prevent early shoot borer infestation, apply Fipronil 0.3% GR @ 10 kg/acre at the time of first earthing up in furrow. In case of severe infestation spray Profenophos 50% EC @ 400ml/acre or Chlorantraniliprole 18.5 % SC @ 150 ml/acre by mixing it in 200 litre of water.
BABYCORN	sowing	❖ Go for land preparation for sowing of baby corn. May to June is the optimum time for baby corn sowing. Grow suitable Hybrid varieties of baby corn like VL-42, Early composite, MEH-114, MEH-133. 10-12 kg seeds are required for planting in one acre. Apply one third N, full P and 50% K of the recommended fertilizer dose of 60:24:16 kg NPK/acre as basal. Plant the seed material in lines at 45 cm apart and 20 cm between plants with 5 cm sowing depth. Plant two seeds/hill to maintain about 50 to 70 thousand plants/acre.
OKRA	Fruiting stage	❖ Shoot and fruit borer To manage the pest, remove the affected terminal shoot showing bore holes and the affected fruits. To manage the pest biologically spray Bacillus thuringiensis var. Kurstaki 5 % WP @ 400 g/acre. To manage the pest chemically spray Emamectin Benzoate 5% SG @ 80 g/ acre or Chlorantraniliprole 18.5 % SC @80 ml/acre or Pyridalyl 10% EC @ 300 ml/acre by mixing in 200 litre of water.
BRINJAL	Flowering to Fruiting	❖ Fruit and Shoot borer : Install pheromone trap/Wota trap @ 8 nos. per acre area at vegetative stage and replace lure after 3 weeks. To control chemically, during clear weather condition spray Spinosad 45% SC @ 5.5 ml by mixing with 15 liters of water or Thiodicarb 75 % WP @ 2ml/ltr of water. ❖ White fly : Install yellow sticky trap @ 8-10/acre or spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 3ml/ltr of water at initial stage of infestation.
CUCURBITS	Flowering to Fruiting	❖ Sucking pest complex (Aphid, Jassids, Thrips & White fly) : To control, spray of Acetamiprid 20% SP @ 2.5 g or Thiamethoxam 25% WG @ 2g by mixing with 10 ltrs of water. ❖ Fruit Fly : To control fruit fly, install pheromone trap @ 4nos/acre at vegetative stage and replace lure after three weeks.
MANGO	Fruiting	❖ There are chances of infestation of fruit fly in mango. Premature dropping of fruit occurs and are unfit for consumption. To manage fruit fly in mango, prepare a poison bait by mixing 100 g Jaggery and 2 g Cartap Hydrochloride in 1litre of water. Keep this mixture @ 100mlin Plastic cups or clay pots in 8-10 places. The fruit flies will be attracted to this and eventually get killed by falling into the poison baits.
PISCICULTURE		❖ Considering high day temperature, water depth in the fish pond should be raised from 0.8 m to 1.0 m by adding fresh water. Reduce the quantity of feed by 10-20% compared to normal condition and make provision for supplying cool water into the pond, so that the temperature remains in the range of 13-18°C for as long as possible.
POULTRY:		❖ Deworming and vaccination of poultry birds against ranikhet disease must be ensured. Contact of any electrical instrument should be avoided in poultry farm during thunderstorm and lightning.

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).

Farmers are advised to download Unified "Mausam" and "Meghdoot" android application on mobile for Weather forecast and weather based Agromet Advisories and "Damini" android application for forecast of Thunderstorm and lightning.

Mausam MobileApp link: <https://play.google.com/store/apps/details?id=com.imd.masuam&hl=hi>

Meghdoot MobileApp link: <https://play.google.com/store/apps/details?id=com.aas.meghdoot>

Damini MobileApp link : https://play.google.com/store/apps/details?id=com.lightening.app.damini&hl=en_IN

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