



Gramin Krishi Mausam Sewa
Agromet Advisory Bulletin for JAGATSINGHAPUR District
Orissa University of Agriculture & Technology
Bhubaneswar, Orissa



Agromet Advisory Bulletin

Date : 16-01-2026

Weather Forecast of JAGATSINGHAPUR(Odisha) Issued On : 2026-01-16(Valid Till 08:30 IST of the next 5 days)

Parameter	2026-01-17	2026-01-18	2026-01-19	2026-01-20	2026-01-21
Rainfall(mm)	0.0	0.0	0.0	0.0	0.0
Tmax(°C)	28.0	27.0	29.0	29.0	29.0
Tmin(°C)	11.0	12.0	12.0	11.0	12.0
RH-I(%)	71	75	79	81	74
RH-II(%)	16	21	26	26	23
Wind Speed(kmph)	9	7	9	7	8
Wind Direction(Degree)	4	352	343	326	301
Cloud cover(octa)	1	0	0	0	0
Warning	Cold wave	No Warning	No Warning	No Warning	No Warning

Forecast Summary:

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 07- 09 km/h. The daily maximum and minimum temperatures will likely remain 27 - 29°C and 11-12°C, respectively.

Weather Warnings (Valid Till 08:30 IST of the next day)

Cold wave warning for tomorrow.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories

Cover the recently planted cole crops with paper pockets during night time to prevent from low temperature stress. Mulch vegetable seedling with straw or other mulching material to avoid cold injury. In view of prevailing low temperature, for maintaining heat in the poultry shed use electric bulb or install heaters in the shed.

General Advisory:

As per the district level weather forecast issued by IMD, dry weather may prevail over the districts of Jagatsinghpur, Kendrapara, Khordha and Puri for the next five days. In view of prevailing low temperature, provide light irrigation to standing vegetables and crops during morning hours. Prepare the main field for summer paddy and start transplanting with 3 week old seedlings. Plant 2 to 3 seedling per hill shallow and upright in lines at 15 cm apart and hills at 10 cm apart. 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.

Cover the recently planted cole crops with paper pockets during night time to prevent from low temperature stress. □ Mulch vegetable seedling with straw or other mulching material to avoid cold injury. □ In view of prevailing low temperature, for maintaining heat in the poultry shed use electric bulb or install heaters in the shed.

SMS Advisory:

□ In view of prevailing low temperature, provide light irrigation to standing vegetables and crops during morning hours.

Crop Specific Advisory:

Crop (Stage)	Crop Specific Advisory
RICE (Transplanting)	□ Basal Fertilizer Application Farmers those who are going for transplanting should apply 35- kg DAP, 30-kg MOP and 8-kg Urea per acre during last puddling. For sandy soil apply 35 kg DAP, 15 kg MOP and 8 kg Urea per acre during last puddling. In Zinc deficient soil apply Zinc Sulphate (21%) @ 10 kg/acre at every three years. Transplanting of 25-30 days old seedlings should be done at a spacing of 20 x15 cm, plant 2-3 seedlings per hill for high yielding varieties.
GROUNDNUT (Vegetative)	□ White grab White grab infestation in groundnut can be minimized by drenching Chloropyriphous @ 6ml/lit of water or Imidacloprid 30.5 sc@1ml/lit of water at the plant base. □ Stem rot- To control stem rot in groundnut drench soil with Validamycin 3% L @ 400-ml/acre or Captan 70 % + Hexaconazole 5 % WP@ 300-gram/acre.
BLACK GRAM (Vegetative)	□ Bihar hairy caterpillar To control Bihar hairy caterpillar in green gram and black gram crop spray Chlorpyriphos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water. Bihar Hairy Caterpillar are nocturnal so insecticide spray should be done at evening hours. Dusting of Chlorpyriphos 1.5% DP@ 10-kg/acre should be done across the bund.
SUGARCANE (Planting)	□ Sugarcane crop is a heavy feeder. Apply 87-kg of DAP, 20-kg of MOP and 4- tonne of FYM at the time of planting in trenches. Top dressing with Urea @ 60-kg per acre each at 45, 75 and 105 days after planting should be done. Apply the rest 20-kg of MOP at the time of the third top dressing with Urea. Do not top apply Urea after 120 days after planting as late application delayed maturity, reduces sucrose content and the total cane yield.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
COWPEA/ LOBIA (Vegetative)	□ Hairy caterpillar- To control from hairy caterpillar, spray flubendiamide 39.35%SC @ 80 ml /200 liter of water. If cerco spora leaf spot is seen then spray difenoconazole 25%EC @ 200 ml or carbendazim 12% + mancozeb 63%WP 400gm/200 lit water per acre.
TOMATO (Vegetative)	Early and late leaf blight To control early and late leaf blight in tomato, spray Mancozeb 75% WP @ 600 gram/acre or Zineb 75% WP @ 500gram/acre at 7 days interval.
POTATO (Vegetative)	□ Potato Tuber Moth Avoid shallow planting of tubers in areas where frequent infestation of Potato tuber moth occurs. Planting of seed tubers should be done at 10 cm depth. Do not leave the harvested tubers in the field overnight. To control this pest, spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80-ml/acre.
BANANA (Vegetative)	□ To control sigatoka leaf spot spray 2gm carbendazim 12% + mancozeb 63%WP or chlorothalonil 75%WP per litre of water.

Horticulture (Stage)	Horticulture Specific Advisory
MARIGOLD (Flowering)	<input type="checkbox"/> Spray 2ml chloropyrifos 20%EC or 2ml/ quinalphos 25%EC or profenofos 50%EC 2ml / 1lit water for controlling flower and bud eating insects.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	<input type="checkbox"/> If the animals have not yet been vaccinated against FMD, Haemorrhagic Septicaemia, Black Quarter, Enterotoxemia etc., these must be done. Due care should be taken to store/procure fodder for periods of shortage that may occur during the winter months in certain areas. Perennial grasses must be cut at this time.

Fisheries Specific Advisory:

Fisheries	Fisheries Specific Advisory
INDIAN MAJOR CARP	<input type="checkbox"/> There is a possibility of "EUS" (Epizootic ulcerative syndrome) in winter. Farmers are advised to apply "Cifax" @ 400 ml with 40lt of water in one acre pond area as preventive measure. Fishes should be feed daily oil cake bran mixture @ of 2-3%, of their biomass.

Likely impacts of weather warnings (General)

Nil

Impact based advisories (General)

No

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/>

Meghdoot MobileApp link: https://play.google.com/store/apps/details

Damini MobileApp link : https://play.google.com/store/apps/details