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

Past Week Weather in Jagatsinghpur (08/08/2025 to 14/08/2025)		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
33.3	27.1	40.7

Crop Condition:

- Transplanting and intercultural operation in kharif paddy are going on.
- Sowing of non-paddy crops like Maize, Ragi, Pulses, Oilseeds and Vegetables are also under progress. Sugarcane is in vegetative stage. Overall crop condition is Normal.

Weather Forecast for Jagatsinghpur from 15-08-2025 to 19-08-2025 (Given by Met. Centre, IMD, Bhubaneswar)

Weather Parameters	Day-1	Day-2	Day-3	Day-4	Day-5
Rainfall & Sky Condition					
	Light rain with generally cloudy sky	Light rain with generally cloudy sky	Light rain with partly cloudy sky	Light rain with generally cloudy sky	Light rain with generally cloudy sky
Maximum Temperature (°C)	33	32	32	33	33
Minimum Temperature (°C)	26	26	26	25	25
Morning Relative Humidity (%)	87	88	89	89	88
Afternoon Relative Humidity (%)	67	64	62	66	62
Wind Speed (Km/h)	7	7	5	9	8
Wind Direction	165	193	360	78	121

As per the forecast received from IMD, the district of Jagatsinghpur may likely to receive light rainfall for the next five days. The sky condition may remain partly cloudy to generally cloudy until Tuesday. In the next five days, the wind may blow at 05 - 09 km/h. The daily maximum and minimum temperatures will likely remain 32 - 33°C and 25 - 26°C, respectively.

Agromet Advisory

- ❖ As per the district level weather warning issued by IMD, the district of Jagatsinghpur may likely to receive light rainfall for the next five days.
- ❖ Go for gap filling in rice crop using seedling of same age or clonal tillers to have a uniform distribution.
- ❖ Make arrangements for draining out excess water from the field of Pulses, Maize, Groundnut and vegetables.
- ❖ In Direct sown rice, where herbicide has not been applied, “Beushaning” may be done after accumulation of enough water (at least 7-10 cm standing water) at 25-30 days after sowing.
- ❖ Install yellow sticky trap @ 8 nos./acre to control & monitor sucking pests complex like Aphid, Jassids, Thrips & Whitefly in standing crops like maize, groundnut and pulses.
- ❖ As thunderstorm with lightning are expected for the next five days, so 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. If no shelter is available, crouch low with your feet together in an open area.
- ❖ Keep the animal sheds clean and dry. Provide sufficient foods and water to animals and keep the foods in safer place to protect from rain.
- ❖ Fishermen are advised to avoid venturing into the sea along the Odisha coast for the next two days.

General Advisory

Crop	Stage	Advisory
PADDY	Tillering stage	<ul style="list-style-type: none"> ❖ <u>Yellow stem borer management</u> During clear weather condition to manage stem borer in paddy at early stage of crop, apply Cartap Hydrochloride 4 % G (Caldan 4G/ Nidan) @ 8-kg/acre or Chlorantraniliprole 0.4 % GR (Ferterra/Enfuse) @ 4-kg/acre or Imidacloprid 0.3% GR (Ultimate) @ 6-kg/acre by mixing it with sand at 1:1 ratio. ❖ <u>Leaf folder and case worm</u> Due to cloudy weather there is a chance of leaf folder and case worm infestation. To manage this pests in paddy, after cessation of rain spray Fipronil 5% SC @ 400-ml/acre or Profenophos 50% EC @ 400-ml/acre or Chlorantraniliprole 18.5% SC @ 60-ml /acre.
ARHAR	Vegetative	<ul style="list-style-type: none"> ❖ Hoeing, weeding followed by earthing up should be completed by the end of this week. ❖ Monitor your field regularly for signs of pest infestation. To prevent sucking pests like aphids and thrips, neem-based pesticide (1500 ppm) may be sprayed @ 3ml/ lit of water in clear weather condition.
GROUNDNUT	Vegetative stage	<ul style="list-style-type: none"> ❖ Hoeing should be done at 20-25 DAS in groundnut crop. ❖ To manage Tikka disease, after cessation of rain spray Chlorothalonil 75% WP @ 400g/ acre or Mancozeb 75% WP @ 600 g/acre or Hexaconazole 5% E.C @ 300ml/acre.
SUGARCANE	Vegetative stage	<ul style="list-style-type: none"> ❖ <u>Red Rot disease management</u> After cessation of rain to manage red rot disease in Sugarcane spray Carbendazim 12%+ Mancozeb 63 % WP @ 400-gram/acre or Metalaxyl 8 % + Mancozeb 64 % @ 400-gram/acre by mixing it in 200-litre of water.
BRINJAL	Vegetative - fruiting Stage	<ul style="list-style-type: none"> ❖ <u>Shoot and fruit borer</u> To manage brinjal shoot and fruit borer insect, install 20 nos. of pheromone trap having Leucin Lure per acre. Use chemical control if there is 4% withering of terminal shoot or 14% fruits infested with borers. For chemical control spray Spinosad 45 % SC @ 75-ml/acre or Emamectin Benzoate 5% SG @ 80-gram/ acre or Chlorantraniliprole 18.5 % SC @80 ml/acre or Spinetoram 11.7 % SC @ 200-ml /acre. Do not repeat the same insecticide. Use any of the above insecticides alternately at 15-days interval.
CHILLI	Vegetative	<ul style="list-style-type: none"> ❖ Keep the field clean. Monitor the crops for any disease and pests. To control Chilli thrips, spray Malathion or Imidachloprid 17.8 SL @ 2 ml/lt. ❖ Leaf blight in Chilli can be controlled by spraying carbendazim or Mancozeb fungicides @ 2-3 g/lt.
CUCURBITS	Vegetative - fruiting	<ul style="list-style-type: none"> ❖ <u>Cucumber Mosaic Virus-</u> Mostly affected crops are Cucumber & Pumpkin. To manage cucumber mosaic virus, after cessation of rain, spray any systematic pesticide like Thiomethoxam @ 80 g/acre or Acetamiprid @ 80 g/acre.
BANANA	Planting - Vegetative	<ul style="list-style-type: none"> ❖ To manage panama wilt, select disease free planting material and resistant cultivar like Bantal, Robusta, Champa, Kabuli etc. Banana suckers should be dipped with solution of Carbendazim @ 10-gram/10- litre of water before planting followed by bimonthly drenching of soil around the pseudostem starting from 5 months after planting.
MARIGOLD	Planting	<ul style="list-style-type: none"> ❖ African marigold can be grown from the month of August till January. Suitable varieties are Giant ball, African yellow, Early yellow, Early orange, Giant ball African orange, Crown of gold etc. Before planting apply 20 tons of FYM, 40 kg Nitrogen, 80 kg phosphorus and 80 kg Potash. 25 to 30 days old seedlings should be planted on the main field.
ANIMAL HUSBANDRY		<ul style="list-style-type: none"> ❖ Mastitis is common in rainy season in milch cattle. ❖ Wet, unclean or dirty sheds during rainy season causes severe mastitis which in turn induces fibrosis of udder and milk production is reduced or stopped or presence of flakes in the milk. ❖ Vaccination is to be done against Mastitis.
FISHERY		<ul style="list-style-type: none"> ❖ For rearing of fry to fingerling it takes about 3 months' time. About 40,000 fries can be stocked in an acre pond. The natural food in the pond is not enough for fry, so you should give rice bran and groundnut oil cake in 1:1 ratio twice a day after stocking in pond. After 3 months of stocking, they will reach about 80-100 mm length fingerling size.

PRINCIPAL NODAL OFFICER

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