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Week No. 30

No. – 688 (Eng. Bulletin)
Dt. – 29.07.2025

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

Past Week Weather in Jagatsinghpur (23/07/2025 to 29/07/2025)		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
32.7	27.3	27.9

Crop Condition:

- Broadcasting, transplanting and nursery operation of 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 30-07-2025 to 03-08-2025 (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 generally cloudy sky	Light rain with partly cloudy sky	Light rain with partly cloudy sky
Maximum Temperature (°C)	32	32	33	33	34
Minimum Temperature (°C)	27	27	27	27	27
Morning Relative Humidity (%)	89	85	85	82	79
Afternoon Relative Humidity (%)	68	63	56	58	53
Wind Speed (Km/h)	13	12	11	11	13
Wind Direction	257	249	256	250	251

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 Sunday. In the next five days, the wind may blow at 11 - 13 km/h. The daily maximum and minimum temperatures will likely remain 32 - 34°C and 27°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.
- ❖ Nursery sowing should be completed by end of July.
- ❖ In low land, go for transplanting of 21 days rice seedlings in the main field.
- ❖ In medium lands the duration of the rice variety should be of shorter duration (less than 10-15 days) than normal where sowing/ nursery raising has not been done. Varieties such as Sahabhagi Dhan, Bina 11, DRR 39, 42, Mandakini may be taken.
- ❖ In paddy field 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.
- ❖ Make provisions for drainage, where kharif maize or pulses etc. have been sown.
- ❖ Cover the vegetable nursery with polythene to protect it from heavy rain and make drainage arrangement.
- ❖ As thunderstorm with lightning are expected for the upcoming two 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 heavy rain.

General Advisory

Crop	Stage	Advisory
PADDY	Transplanting	<ul style="list-style-type: none"> ❖ Transplanting of Rice- Apply 35 kg DAP, 27 kg Potash and 8 kg Urea per acre during last puddling. For sandy soil apply 35 kg DAP, 15 kg Potash and 8 kg Urea per acre during last puddling. Transplanting of 20-25 days old seedlings should be done at a spacing of 20x15 cm, plant 2-3 seedlings per hill for high yielding varieties. In clear weather condition use pre-emergence herbicide Pretilachlor @ 800 ml/acre or Oxadiargyl 80%W. P @ 30gm/acre or Pyrazosulfuron Ethyl 10% W.P @ 80gm/acre at 1-3 DAT. Spray the herbicide by mixing it in 200 litres of water per acre or Mix the herbicide with 20 kg of sand and broadcast it uniformly. Always use flat-fan or flood-jet nozzle and clean water for herbicide spraying.
MAIZE	Sowing- Vegetative	<ul style="list-style-type: none"> ❖ Weed management and fertilizer application Hand weeding and earthing up should be done at 20-25 DAS. Apply 55-kg of urea per acre at this stage as first top dressing. Again at 40-45 DAS or before tasseling apply 55-kg of Urea and 20-kg of MOP as second top dressing.
BLACK GRAM AND GREEN GRAM	Sowing/ Seedling/ Vegetative stage	<ul style="list-style-type: none"> ❖ Weed management If pre-emergence herbicide is not applied during sowing than to manage weeds in these crops post emergence application of herbicide like Imazethapyr 10 % SL @ 300-ml/acre or Quizalofop-Ethyl 5 % EC @ 400-ml/acre should be applied at 15-days after sowing, by mixing it in 200 litre of water during clear weather condition.
SUGARCANE	Vegetative stage	<ul style="list-style-type: none"> ❖ Red Rot disease management After cessation of rainfall, 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.
OKRA	Vegetative to fruiting	<ul style="list-style-type: none"> ❖ Sucking pest management There are chances of sucking pest like aphids, Jassids, thrips and whiteflies in Okra due to present weather condition. During clear weather condition to manage these pests at early stage of infestation spray neem-based pesticide (Neem Oil) 1500 PPM @600-ml/acre by mixing it in 200-litre of water. To manage these sucking pests chemically spray Thiamethoxam 25 % WG) @ 40-gram/acre or Acetamiprid 20 % SP @ 50-gram/acre or Tolfenpyrad 15 % EC @ 400-ml/acre by mixing it in 200-litre of water.
CUCURBITS	Vegetative to fruiting	<ul style="list-style-type: none"> ❖ Downy Mildew management - There are chances of infestation of Downy Mildew disease in cucurbit vegetables. To manage Downy Mildew disease in cucurbits spray Copper Hydroxide 77 % WP @ 3-gram/litre or Fosetyl -AL 80 % WP @ 3-gram/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2-gram/litre after completion of rainfall.
COCONUT	Vegetative- Fruit formation	<ul style="list-style-type: none"> ❖ For controlling rugose spiralling whitefly, Spray starch solution @100-gram/10-litre of water to remove the heavy sooty mould deposition on the leaves of infested plants. Use yellow sticky traps to trap the adult whiteflies. During primary stage of pest infestation, spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 30- ml/10-litre of water. For chemical control spray Spinosad 45 % SC @ 4-ml/10-litre of water or Emamectin Benzoate 5% SG @ 4-gram/ 10-litre of water in clear weather condition.
ANIMAL HUSBANDRY		<ul style="list-style-type: none"> ❖ During rainy season keep the animals indoors. ❖ Feeds and feed ingredients should be stored in a dry, elevated area that is protected from rain and moisture. ❖ During the rainy season, animals should be provided with good-quality and adequate quantities of green fodder, dry fodder, and concentrate feed. ❖ Provide vaccinations for diseases common during the rainy season, including Foot-and-Mouth Disease (FMD), Hemorrhagic Septicemia (HS), and Black Quarter (BQ).
FISHERY		<ul style="list-style-type: none"> ❖ Weed management in pond- Chemical methods of weed control include application of Glyphosate @ 1.2kg/ac, 2,4- D @ 2.8- 4kg/ ac, Simazine @ 0.3- 0.5 ppm or 0.003ml/10 liter etc. Biological methods of weed control include usage of fishes like grass carp @100 to 200 numbers with 50 to 100 gram weight.

PRINCIPAL NODAL OFFICER

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