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**Week No. 34**

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

Past Week Weather in Jagatsinghpur (16/08/2025 to 22/08/2025)		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
30.0	25.9	73.4

**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 to formative stage. Overall crop condition is Normal.

**Weather Forecast for Jagatsinghpur from 27-08-2025 to 31-08-2025 (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 generally cloudy sky	Light rain with generally cloudy sky
Maximum Temperature (°C)	32	32	31	31	31
Minimum Temperature (°C)	25	25	26	25	25
Morning Relative Humidity (%)	89	89	90	89	88
Afternoon Relative Humidity (%)	66	70	69	64	73
Wind Speed (Km/h)	4	12	11	12	12
Wind Direction	308	308	246	229	232

**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 generally cloudy until Sunday. In the next five days, the wind may blow at 04 - 12 km/h. The daily maximum and minimum temperatures will likely remain 31 - 32°C and 25 - 26°C, respectively.**

**Agromet Advisory**

- ❖ As per the district level weather forecast issued by IMD, the districts of Jagatsinghpur may likely receive light rainfall for the next five days.
- ❖ Yellow warning has been issued by IMD, Bhubaneswar for thunderstorm with lightning accompanied with gusty surface wind speed reaching 30-40 kmph very likely to occur at one or two places over the districts of Kendrapara, Jagatsinghpur, Khordha and Puri till 8.30 hours of 29<sup>th</sup> August 2025.
- ❖ Fishermen are advised not to venture into the sea along and off Odisha coasts and over North Bay of Bengal on 26<sup>th</sup> & 27<sup>th</sup> August 2025.
- ❖ Plan for draining out excess water from the field of Pulses, Maize, Groundnut and vegetables.
- ❖ Drain out the excess water from jute field as it affects the quality of fibre.
- ❖ Application of fertilizer & pesticides may be withheld for the time being.
- ❖ 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.
- ❖ Fill gaps using older seedlings or clones taken from the same field to ensure a plant density of 33 hills per square meter.
- ❖ There are chances of incidence of both fungal and bacterial diseases like leaf blight, wilt, and rot in different standing crops. To manage these diseases, spray (Metalaxyl+ Mancozeb) 2-gram/litre of water or (Carbendazim+ Mancozeb) 2-gram/litre of water along with Plantomycin @ 1-gram/ litre of water in clear weather.

**General Advisory**

<b>Crop</b>	<b>Stage</b>	<b>Advisory</b>
<b>PADDY</b>	Tillering stage	<p>❖ <b>Bacterial Leaf Blight</b> To manage this disease organically mix 20-kg of fresh cow dung with 200 litres of water. Filter it with fine cloth and spray the solution in one acre. To manage this disease chemically, spray Copper Hydroxide 53.8% DF (Kocide/Hi-Dice) @ 600-gram/acre or 200-gram Plantomycin along with Copper Oxy Chloride 50% WP (Blitox-50/Blue Copper) @ 600-gram/acre.</p> <p>❖ <b>Swarming Caterpillar</b> After receding of rain water there is chance of infestation Swarming Caterpillar in paddy. To manage this spray Chlorpyrifos 50 % + Cypermethrin 5 % EC @ 400-ml/acre or Lambda-cyhalothrin @ 400-ml/acre in clear weather condition. As the pest is nocturnal in behaviour spraying of pesticide should be done in the evening hours for better result.</p>
<b>BLACK GRAM AND GREEN GRAM</b>	Vegetative stage	<p>❖ <b>Aphid Management</b> To manage aphids during primary stage of pest infestation spray Neem Based Pesticide (Azadirachtin) 1500 PPM @ 600 ml/acre. To manage Aphids chemically spray Thiamethoxam 25% W.G (Actara/Areva) @ 40 gram/acre or Acetamiprid 20% S.P. (Dhanpreet/Manik) @ 50 gram/acre by mixing in 200 litres of water.</p>
<b>MAIZE</b>	Vegetative Stage	<p>❖ <b>Maydis leaf blight</b> Present condition favours the maydis leaf blight disease in maize crop. To manage this disease after completion of rain, spray Mancozeb 75 % WP @ 400-gram/acre or Zineb 75 % WP @ @ 400-gram/acre or Carbendazim 12 % + Mancozeb 63 % WP @ 400-gram/acre.</p>
<b>SUGARCANE</b>	Vegetative stage	<p>❖ <b>Red Rot disease management</b> 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.</p>
<b>CHILLI AND BRINJAL</b>	Fruit formation stage	<p>❖ <b>Fruit rot</b> There is a chance of fruit rot infestation in chilli and brinjal. To manage this spray Carbendazim 50% WP @ 2 g/litre of water or Copper oxychloride 50% WP @ 3 g/litre of water in clear weather condition.</p>
<b>CUCURBITS</b>	Vegetative – fruiting	<p>❖ <b>Red Pumpkin Beetle</b> To manage Red Pumpkin Beetle in Cucurbit crops spray Cyantranilprole 10.26% OD @ 400-ml/acre or Imidacloprid 17.8% SL @ 60-ml/ acre or Chlorpyrifos 20% EC @ 400-ml/acre.</p>
<b>COCONUT</b>	Vegetative – fruiting	<p>❖ <b>Black headed caterpillar</b> To manage black headed caterpillar in coconut, install Bracon card in the frond of the plant. Cut the affected leaves and burn it. To manage the pests chemically spray Chlorantranilprole 18.5 % SC @ 4-ml/10- litre of water or Emamectin Benzoate 5 % SG @ 4-gram/10-litre of water in clear weather condition.</p>
<b>MARIGOLD</b>	Planting	<p>❖ 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.</p>
<b>ANIMAL HUSBANDRY</b>		<p>❖ Keep the animal sheds clean and dry. Provide sufficient foods and water to animals. Proper vaccination should be given to them according to the Vaccination schedule.</p>
<b>POULTRY</b>		<p>❖ Repair the poultry house to stop rain water from getting inside. Don't allow the litter material to get wet. ❖ Prevent the feed ingredients from getting wet which might lead to fungal growth in the feed.</p>

**PRINCIPAL NODAL OFFICER**

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