



**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. 33**

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

Past Week Weather in Jagatsinghpur (13/08/2025 to 19/08/2025)		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
33.9	26.7	55.4

**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 stage. Overall crop condition is Normal.

**Weather Forecast for Jagatsinghpur from 20-08-2025 to 24-08-2025 (Given by Met. Centre, IMD, Bhubaneswar)**

Weather Parameters	Day-1	Day-2	Day-3	Day-4	Day-5
Rainfall & Sky Condition					
	Light rain with overcast sky	Light rain with overcast sky	Light rain with overcast sky	Moderate rain with overcast sky	Light rain with overcast sky
Maximum Temperature (°C)	32	33	32	32	32
Minimum Temperature (°C)	26	27	27	24	25
Morning Relative Humidity (%)	88	87	86	88	85
Afternoon Relative Humidity (%)	72	64	68	70	72
Wind Speed (Km/h)	14	11	14	15	15
Wind Direction	176	230	243	243	237

**As per the forecast received from IMD, the district of Jagatsinghpur may likely to receive light to moderate rainfall for the next five days. The sky condition may remain overcast until Sunday. In the next five days, the wind may blow at 11 - 15 km/h. The daily maximum and minimum temperatures will likely remain 32 - 33°C and 24 - 27°C, respectively.**

**Agromet Advisory**

- ❖ As per the district level weather warning issued by IMD, the district of Jagatsinghpur may likely to receive light to moderate rainfall for the next five days.
- ❖ Make arrangements for draining out excess water from the field of Pulses, Maize, Groundnut and vegetables.
- ❖ Application of fertilizer & pesticides may be withheld for the time being.
- ❖ Drain out the excess water from jute field as it affects the quality of fibre.
- ❖ 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.
- ❖ 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, during clear weather condition spray (Metalaxyl+ Mancozeb) @ 2-gram/litre of water or (Carbendazim+ Mancozeb) @ 2-gram/litre of water along with Plantomycin @ 1-gram/ litre of water.
- ❖ 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 four 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.
- ❖ Fishermen are advised to avoid venturing into the sea along the Odisha coast for the next two days. Those out at sea may return to coast.

## General Advisory

Crop	Stage	Advisory
<b>PADDY</b>	Tillering stage	<ul style="list-style-type: none"> <li>❖ <b><u>Blast</u></b> To Manage Blast diseases first drain out excess water from the paddy field. During clear weather condition, Spray Hexaconazole @ 400-ml/acre or Azoxystrobin+ Difenconazole @ 200-ml/acre or Tebuconazole + Trifloxystrobin @ 80-gram/acre.</li> <li>❖ <b><u>Swarming Caterpillar</u></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.</li> </ul>
<b>ARHAR</b>	Vegetative	<ul style="list-style-type: none"> <li>❖ <b><u>Leaf webber</u></b> Provide adequate drainage channels to avoid water logging in the Arhar fields. There are chances of leaf webber infestation in Arhar crop. To manage leaf webber in Arhar spray Chlorpyrifos 50 % + Cypermethrin 5 % EC @ 400-ml/acre or Profenophos 50 % EC @ 400-ml/acre in clear weather condition.</li> </ul>
<b>BLACK GRAM AND GREEN GRAM</b>	Vegetative stage	<ul style="list-style-type: none"> <li>❖ <b><u>Leaf eating caterpillar</u></b> Drain out excess water from the field. After receding of rain for control of leaf eating caterpillar, apply neem oil formulation (300 ppm) @ 1 litre per acre. Go for need based application of Profenophos@ 400 ml/acre or Emamectin Benzoate 5 % S.G @60 g / acre based on pest severity.</li> </ul>
<b>MAIZE</b>	Vegetative Stage	<ul style="list-style-type: none"> <li>❖ <b><u>Maydis leaf blight</u></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.</li> </ul>
<b>SUGARCANE</b>	Vegetative stage	<ul style="list-style-type: none"> <li>❖ <b><u>Red Rot disease management</u></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.</li> </ul>
<b>CHILLI AND BRINJAL</b>	Fruit formation stage	<ul style="list-style-type: none"> <li>❖ <b><u>Fruit rot</u></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.</li> </ul>
<b>CUCURBITS</b>	Vegetative – fruiting	<ul style="list-style-type: none"> <li>❖ <b><u>Downy Mildew</u></b> There are chances of infestation of Downy Mildew disease in cucurbit vegetables after the heavy rainfall. To manage Downy Mildew disease in cucurbits, during clear weather condition 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.</li> </ul>
<b>PAPAYA</b>	Vegetative – fruiting	<ul style="list-style-type: none"> <li>❖ <b><u>Mealy bug</u></b> After completion of rain to manage mealy bug at early stage of infestation spray neem-based pesticide (Neem Oil 1500 PPM @30- ml/10-litre of water or insecticidal soap. In case of severe infestation spray Profenphos 50 % EC @ 20-ml/10-litre of water or Thiamethoxam 25 % WG @ 3-gram/10-litre of water.</li> </ul>
<b>COCONUT</b>	Vegetative – fruiting	<ul style="list-style-type: none"> <li>❖ <b><u>Black headed caterpillar</u></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 Chlorantraniliprole 18.5 % SC @ 4-ml/10- litre of water or Emamectin Benzoate 5 % SG @ 4-gram/10-litre of water in clear weather condition.</li> </ul>
<b>MARIGOLD</b>	Planting	<ul style="list-style-type: none"> <li>❖ 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.</li> </ul>
<b>ANIMAL HUSBANDRY</b>		<ul style="list-style-type: none"> <li>❖ 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.</li> </ul>
<b>POULTRY</b>		<ul style="list-style-type: none"> <li>❖ Repair the poultry house to stop rain water from getting inside. Don't allow the litter material to get wet.</li> <li>❖ Prevent the feed ingredients from getting wet which might lead to fungal growth in the feed.</li> </ul>

**PRINCIPAL NODAL OFFICER**

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