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**Week No. 37**

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

Past Week Weather in Jagatsinghpur (06/09/2025 to 12/09/2025)		
Maximum Temperature (°C)	Minimum Temperature (°C)	Rainfall (mm)
34	27.1	22

**Crop Condition:**

- Kharif rice is in tillering stage. Intercultural operation in kharif paddy are under progress.
- Non-paddy crops like Maize, Ragi, Pulses, Oilseeds and Vegetables are also in vegetative stage. Sugarcane is in grand growth stage. Overall crop condition is Normal.

**Weather Forecast for Jagatsinghpur from 13-09-2025 to 17-09-2025 (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 partly cloudy sky
Maximum Temperature (°C)	34	34	33	33	33
Minimum Temperature (°C)	27	27	27	24	24
Morning Relative Humidity (%)	88	88	87	88	88
Afternoon Relative Humidity (%)	66	66	69	73	71
Wind Speed (Km/h)	5	6	11	14	15
Wind Direction	166	177	210	216	213

**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 Wednesday. In the next five days, the wind may blow at 05 - 15 km/h. The daily maximum and minimum temperatures will likely remain 33-34°C and 24 - 27°C, respectively.**

**Agromet Advisory**

- ❖ As per the district level weather forecast issued by IMD, the district of Jagatsinghpur may likely to receive light rainfall for the next five days.
- ❖ Farmers are advised to go for gap filling by using tillers, separated from the existing hills.
- ❖ If basal fertilizer is not applied in direct sown paddy then apply 38-kg of DAP/acre, 20-kg of Urea/acre, 14-kg of MOP/acre., 4-kg of Borax/acre and 10-kg of Zinc Sulphate/acre. Strengthen the field bunds and close the holes to check seepage loss.
- ❖ If crop mortality is more than 50%, farmers are advised to go for re-transplanting with the available aged seedlings with closer spacing (15 x 15 cm) and 4-5 seedlings per hill.
- ❖ Yellow warning has been issued by IMD, Bhubaneswar for thunderstorm with lightning accompanied with gusty surface wind speed reaching 30-40 kmph 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. Avoid using metal tools like plows or sickles, as they conduct electricity. If no shelter is available, crouch low with your feet together in an open area.
- ❖ To control yellow vein mosaic disease in Okra, Cowpea, Pumpkin, Bitter Gourd, Ridge Gourd, Cucumber etc. seed treatment should be done with Imidacloprid 70 % WS@ 7-gram/kg of seeds or Thiamethoxam 70 % WS@7-gram/kg of seeds.
- ❖ September is the optimum time for nursery raising of tomato. Grow resistant varieties like BT-2, BT-10, BT-12, Niladri, Sadabahar, Madhuri, Maharathi, Rasmi, Naveen, etc.
- ❖ Keep the poultry farm neat & clean, select disease free chick's for farming & Provide adequate poultry feed & clean water to avoid Poultry bird diseases.
- ❖ Fishermen are advised to avoid venturing into the sea along the Odisha coast during the period of 12<sup>th</sup> and 13<sup>th</sup> September.

## General Advisory

<b>Crop</b>	<b>Stage</b>	<b>Advisory</b>
<b>PADDY</b>	Tillering stage	<ul style="list-style-type: none"> <li>❖ <b><u>Leaf Folder-</u></b> Whenever two folded leaves/ hill observed, then to control leaf folder, spray Chlorantraniliprole 18.5% SC @ 60 ml/acre or Flubendiamide 20 WG 50g/acre or, Cartap hydrochloride 50 WP@ 400 g/acre or Tetraniliprole 200 SC @ 100 – 120 ml/acre in 200 litres of water.</li> <li>❖ <b><u>Bacterial Leaf Blight</u></b> To manage this disease spray Copper Hydroxide 53.8% DF @ 600-gram/acre or 200-gram Plantomycin along with Copper Oxy Chloride 50% WP @ 600-gram/acre.</li> <li>❖ <b><u>Blast</u></b> To Manage Blast disease first drain out excess water from the paddy field. Spray Hexaconazole @ 400-ml/acre or Azoxystrobin+ Difenconazole @ 200-ml/acre or Tebuconazole + Trifloxystrobin @ 80-gram/acre.</li> </ul>
<b>BLACK GRAM AND GREEN GRAM</b>	Vegetative stage	<ul style="list-style-type: none"> <li>❖ <b><u>Aphid</u></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 @ 40 gram/acre or Acetamiprid 20% S.P. @ 50 gram/acre by mixing in 200 litres of water.</li> </ul>
<b>GROUNDNUT</b>	Vegetative Stage	<ul style="list-style-type: none"> <li>❖ <b><u>Tikka disease Management</u></b> To manage this disease spray Chlorothalonil 75% WP @ 400-gram/ acre or Mancozeb 75% WP@ 600- gram/acre or Hexaconazole 5% E.C @ 300-ml/acre.</li> </ul>
<b>SUGARCANE</b>	Vegetative-formative stage	<ul style="list-style-type: none"> <li>❖ <b><u>Internode borer management</u></b> To manage the pest biological use Trichogramma chilonis card @ 1/acre at weekly interval for 6 times by splitting each card into 12 pieces at the given perforations. To manage the pest chemically, spray Fipronil @ 600-ml /acre or Profenophos @ 400-ml/acre or Chlorantraniliprole 18.5% S.C @ 80-ml/acre or Chlorantraniliprole 0.4 GR @ 4 kg/acre by mixing in 200-litre of water. Instead of this you can also apply Chlorantraniliprole 0.4 GR @ 4kg/acre by mixing with 8 kg of sand.</li> </ul>
<b>CUCURBITS</b>	Vegetative to 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 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>TOMATO</b>	Nursery	<ul style="list-style-type: none"> <li>❖ <b><u>Nursery Management</u></b> For cultivation of an acre of Tomato crop 200-gram of improved variety and 50-gram of hybrid seed is required. Apply 20 kg of completely decomposed FYM to each nursery bed ten days before sowing. Treat 1-kg of seeds with 2-gram Carbendazim 50% WP or Carboxin 37.5%+ Thiram 37.5% D.S before sowing. After seed treatment sow the seeds at 2.5 x5cm at a depth of 1-cm. After sowing drench, the soil with 2- gram Carbendazim mixed in 1- litre of water. Cover the nursery bed with paddy straw or dried leaves for better germination. Dust Chlorpyrifos powder around the nursery bed to avoid the ants. 4 weeks old tomato seedlings should be transplanted in the main field.</li> </ul>
<b>PAPAYA</b>	Vegetative to Fruiting	<ul style="list-style-type: none"> <li>❖ <b><u>Crown rot</u></b> To control papaya Crown rot Spray Copper Oxychloride @3 g/litre of water or Carbendazim @1 g/lit or Thiophanate Methyl @1 g/lit at 15 days interval.</li> </ul>
<b>BRINJAL</b>	Vegetative to Fruiting	<ul style="list-style-type: none"> <li>❖ <b><u>Wilt disease</u></b> During clear weather condition to manage wilt in brinjal drench the root zone and soil with combination of Tebuconazole 25.9% EC @ 200-ml/acre and Plantomycin @ 200-gram/acre.</li> </ul>
<b>MARIGOLD &amp; ROSE</b>	Vegetative	<ul style="list-style-type: none"> <li>❖ <b><u>Red Spider Mites</u></b> To manage Red Spider Mites in Marigold and rose spray wettable sulphur 80 % WP @ 2-gram/litre of water or Propargite 57 % EC @ 2-ml/litre of water or Fenpyroximate 5 % EC @ 2-ml/litre of water.</li> </ul>
<b>ANIMAL HUSBANDRY</b>		<ul style="list-style-type: none"> <li>❖ <b><u>Treatment of Haemorrhagic septicemia in cattle-</u></b> The common symptoms of this disease are high fever, anorexia, salivation from mouth and nostril, inflammation of neck and respiratory tract. The affected animal feels pain for respiration and create grunting sound. As it is highly contagious and affects the respiratory tract, the mortality rate is very high in untreated animals and animal succumb to death within 3 to 4 days. The disease is more fatal in Buffaloes. But the diseased animal can be recovered if treated at early stage. Farmers are advised to vaccinate their animals yearly twice to keep safe their animals.</li> </ul>

**PRINCIPAL NODAL OFFICER**

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