**Week No.49**

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

The mean maximum daily temperature was 29.0°C and mean minimum daily temperature was 17.3°C of the Jagatsinghpur district during the last week. The district received no rainfall during the last week. Harvesting of paddy is continuing. In total about 30% of harvesting of paddy is over. Harvesting of Sugarcane has started. Sowing of Rabi crops like Maize, Wheat, Pulses, Oilseeds, Vegetables and Spices are continuing. Overall crop condition is Normal.

**Forecast (Up to 14.12.2022)**

**GIVEN BY MET. CENTRE, IMD, BHUBANESWAR**

**DISTRIBUT**: As per IMD forecast, the district is likely to dry till Wednesday with partly cloudy sky. The wind speed is likely to remain within 09-17 km/h. The maximum temperature is likely to remain between 28-29°C and minimum temperature will likely to remain between 16-18 °C till Wednesday.

<table>
<thead>
<tr>
<th>Date</th>
<th>10/12/2022</th>
<th>11/12/2022</th>
<th>12/12/2022</th>
<th>13/12/2022</th>
<th>14/12/2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>T-MAX (°C)</td>
<td>28</td>
<td>28</td>
<td>29</td>
<td>28</td>
<td>28</td>
</tr>
<tr>
<td>T-MIN (°C)</td>
<td>16</td>
<td>17</td>
<td>18</td>
<td>18</td>
<td>18</td>
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<tr>
<td>Cloud Cover</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>3</td>
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<tr>
<td>Rh Max (%)</td>
<td>66</td>
<td>63</td>
<td>75</td>
<td>71</td>
<td>66</td>
</tr>
<tr>
<td>Rh Min (%)</td>
<td>47</td>
<td>49</td>
<td>49</td>
<td>49</td>
<td>45</td>
</tr>
<tr>
<td>Wind speed (kmph)</td>
<td>17</td>
<td>15</td>
<td>10</td>
<td>9</td>
<td>12</td>
</tr>
<tr>
<td>Wind Direction (deg)</td>
<td>58</td>
<td>45</td>
<td>90</td>
<td>109</td>
<td>75</td>
</tr>
</tbody>
</table>

Further information, contact the Met. Centre, Aerodrom Area, IMD, Bhubaneswar, Tel. # 0674-2596116.

**Agromet Advisory**

- Now the weather is optimum for nursery sowing of Rabi rice. 10 decimal area is sufficient for nursery sowing for one acre planting.
- Provide light irrigation to standing vegetables and crops during morning hours to prevent damage from fog, low temperature and moisture stress.
- Due to low night temperature and fog condition, there will be chance of infestation of sucking pests, leaf blight, powdery mildew in the Rabi crops and vegetables. Monitor the crops and vegetables, if symptoms are noticed, undertake appropriate plant protection measures.
- Use low cost polythene cover above the vegetables nursery to avoid poor germination due to low temperature.
- Carry out weeding, hoeing and other intercultural operations in Rabi vegetables.
- Complete transplanting of winter vegetable crops.
- In Cole crops irrigation should be done at 7-8 Days interval depending upon soil moisture and weather condition.
- Harvest the mature sugarcanes below one inch of ground level for a successful ratoon crop.
- In winter during cold hours farmers should keep doors, windows and open spaces in cow sheds covered with polythene or gunny bag curtains to prevent direct contact to cold air.
- For maintaining the heat in the poultry shed during winter season, install heaters in the shed.

**PADDY (Summer):**

- **Varietal selection**: Arrange good quality paddy seed varieties like Satyabhama, Sahabhai Dhan, Mandakini, Manaswini, DRR 42, DRR-43, DRR-44, Bina 11, GB-1, Improved Lalat, MTU 1010, MTU 1001, Naveen, Swarna Shreya and Luna Sankhi (Coastal Saline) which can be grown as transplanted rice in dry season.
- **Seed treatment**: Treat the seeds with Carbendazim 50% W.P @ 1.5-gram/1-kg of seeds or Carboxin 37.5% + Thiram 37.5 % @ 3-gram /1 kg of seeds before sowing in the nursery.

**BLACKGRAM AND GREENGRAM:** There is a chance of powdery mildew disease in Black gram and Green gram. To control this disease, spray Sulphur 80% WP @ 800 g/acre or Hexaconazole 5% E.C @ 300 ml/acre.

**GROUNDNUT**: To control Leaf Miner infestation in groundnut, spray Profenofos 50% EC @ 400 ml/acre or Chloropyriphos 50% + Cypermethrin 5 % E.C @ 400 ml/acre by mixing it in 200 litre of water.

**POTATO**: For potato, go for hoeing and hand weeding. The ridges should be high and strong enough to cover up tubers. Irrigate the crop at 7-8 Days interval depending upon soil moisture and weather condition. During irrigation 2/3 portion of the ridge should be submerged.

**ONION**: To prevent Damping off disease in nursery, drench the nursery bed with Carbendazim @ 2 g/litre of water at 15 days interval. Seedlings of 8-weeks old are planted in the main field.

**BRINJAL**: To control leaf eating caterpillar and fruit borer in Brinjal, spray 80 g Emamectin benzoate or 80 ml Spinosad per 200 litre of water.

**FISHERIES**: During winters, there is a possibility of “EUS” disease in fish. Farmers are advised to apply Cifax @ 400 ml mixed with 40 litre of water in one acre pond area as a preventive measure. The fishes should be fed daily with oil cake bran mixture at the rate of 2-3 % of their total biomass.

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