West Central Table Land Zone

Sambalpur

According to IMD, very light rainfall on Sunday, while light rainfall on Thursday and no rainfall on remaining days is expected in the upcoming 5 days. The maximum temperature is likely range between 38-40°C and the minimum temperature may likely range between 22-23°C. Mainly clear sky to partly cloudy sky is expected in the upcoming 5 days. The maximum relative humidity may vary between 44-90% and minimum relative humidity varying between 12-14%. Light air is likely to blow in SSE direction on Monday with WSW direction on the remaining days.

<table>
<thead>
<tr>
<th>Date</th>
<th>Rainfall (mm)</th>
<th>Max Temperature (°C)</th>
<th>Min Temperature (°C)</th>
<th>Total cloud cover (okta)</th>
<th>Max Relative Humidity (%)</th>
<th>Min Relative Humidity (%)</th>
<th>Wind speed (km/h)</th>
<th>Wind direction (deg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16/04/2020</td>
<td>6</td>
<td>40</td>
<td>23</td>
<td>3</td>
<td>60</td>
<td>13</td>
<td>5</td>
<td>243</td>
</tr>
<tr>
<td>17/04/2020</td>
<td>0</td>
<td>40</td>
<td>23</td>
<td>2</td>
<td>53</td>
<td>14</td>
<td>5</td>
<td>238</td>
</tr>
<tr>
<td>18/04/2020</td>
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<td>40</td>
<td>23</td>
<td>2</td>
<td>44</td>
<td>12</td>
<td>6</td>
<td>243</td>
</tr>
<tr>
<td>19/04/2020</td>
<td>2</td>
<td>38</td>
<td>22</td>
<td>3</td>
<td>48</td>
<td>12</td>
<td>6</td>
<td>230</td>
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<tr>
<td>20/04/2020</td>
<td>0</td>
<td>38</td>
<td>22</td>
<td>3</td>
<td>90</td>
<td>13</td>
<td>5</td>
<td>108</td>
</tr>
</tbody>
</table>

For further information, contact the IMD, Bhubaneswar, Tel. # 0674-2596116

Agromet Advisory

Rice
1. Crop should not be subjected to any moisture stress from tillering to flowering stage.
2. Maintain 3 cm water from tillering to panicle initiation stage and 5 cm water from panicle initiation to 21 days after heading in the field in order to produce more tiller and more fertile grain
3. From 21 days after heading to harvest, gradually withholding the irrigation and must be withheld two weeks before harvest of crop to hasten ripening of grains and to promote favorable condition for harvesting.
4. If leaf of crop is affected by bacteria blight, then apply streptomycin 6g per tank and also apply potassic fertilizer in the field.

Vegetables

Bittergourd
1. Bitter gourd varieties like Pusa domausami, Coimbatore long, Priya, Arka harit etc. may be sown during this time.
2. For 1 acre, 1.5kg seeds are required. For land preparation, apply 5 ton FYM and 100kg ammonium sulfate 75 kg SSP and 35 kg MOP.
3. First harvesting can be done at 55-60 days after sowing.

Ridge gourd
1. Ridge gourd varieties like Pusa nasdaar, Utkal Manjushree, Utkal Trupti, Swarna manjari etc. may be sown during this part of year at 1.5-2kg/acre.
2. For land preparation, plough the field 3-4 times.
3. Then apply 5 ton FYM and 100 kg ammonium sulfate 75 kg SSP and 50 kg MOP. Dig the pit at a spacing of 2m x 1.5m. In each pit sow 3 seeds.

**Cucumber**
1. Cucumber varieties like Poinsette, Pusa sanjog, Supriya etc. may be sown during this part of year at 1.5-2 kg/acre.
2. For land preparation, plough the field 3-4 times.
3. Then apply 5 ton FYM and 100 kg ammonium sulfate 75 kg SSP and 35 kg MOP. Dig the pit at a spacing of 2m x 1.5m. In each pit sow 3 seeds.

**Brinjal**
1. In case of Fruit and Shoot borer in brinjal, go for application of 60ml Coragen 20 SC in 200 lt water/acre. In brinjal wilt is seen.
2. To control, mix 20g Streptocyclin in 200lt water and spray in the root zone.

**Tomato**
In case of Fruit borer in Tomato, apply 80 ml Spinosad 14.5SC in 200 lt water/acre.

**Pumpkin**
1. Pumpkin beetle is an important pest found in pumpkin.
2. To control this apply Carbaryl (0.4 kg/acre) or Malathion (2 kg/acre). Destroy the old and infested plants.

**Chilli**
1. In case of capsicum and Chilli thrips, go for application of 200 ml Dimethoate 30 EC in 200 lt water/acre. In case mites, apply 500 ml Dicofol 18.5 EC in 200lt water/acre.

**Nodal Officer**