Bulletin for Mayurbhanj districts of North Central Plateau Agroclimatic Zone

The mean weekly maximum temperature at Mayurbhanj was 33.6 °C the mean daily minimum temperature was 26°C & 33.4 mm of rainfall at Mayurbhanj during the last five days.

Weather Forecast (up to 26.07.2020)

There is likely to be 40mm rainfall during the next week. The wind speed may remain within 7-10 kmph. The maximum temperature is likely to remain 33-34 °C during the next five days. The minimum temperature is also likely to remain 25-26 °C during the next five days.

<table>
<thead>
<tr>
<th>DISTRICT</th>
<th>Date</th>
<th>Rainfall (mm)</th>
<th>T-MAX (°C)</th>
<th>T-MIN (°C)</th>
<th>Cloud Cover</th>
<th>Rh Max (%)</th>
<th>Rh Min (%)</th>
<th>Wind speed (kmph)</th>
<th>Wind Direction (deg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mayurbhanj</td>
<td>22/7/2020</td>
<td>12</td>
<td>34</td>
<td>26</td>
<td>6</td>
<td>85</td>
<td>54</td>
<td>9</td>
<td>245</td>
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<tr>
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<td>23/7/2020</td>
<td>15</td>
<td>34</td>
<td>26</td>
<td>7</td>
<td>85</td>
<td>60</td>
<td>10</td>
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<tr>
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<td>24/7/2020</td>
<td>7</td>
<td>33</td>
<td>25</td>
<td>7</td>
<td>85</td>
<td>56</td>
<td>7</td>
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<td>4</td>
<td>33</td>
<td>26</td>
<td>5</td>
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<td>61</td>
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<td>26/7/2020</td>
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<td>26</td>
<td>5</td>
<td>86</td>
<td>52</td>
<td>9</td>
<td>196</td>
</tr>
</tbody>
</table>

AGROMET ADVISORY

SRI Paddy:
- 2 kg of seeds are raised in a bed of 40 m² for transplanting 1 acre.
- Seeds are broadcasted and covered with a thin layer of FYM. This maintains temperature, protects from rain.
- Watering in nursery can be done by rose cane.
- Seedling becomes ready for transplanting in 10-12 days (2 leaf stage).

Hybrid Rice:
- Seed rate is 6 kg/acre
- Spacing 20 X 15 cm and 1or 2 seedling/hill.
- Fertilizer dose is 100:50:50 kg of NPK/ha.

Green gram, Black gram and Sesame: There is possibility of leaf spot disease attack, to
control spray Carbendazyme+ Mancozeb @ 2g/ lit of water. To control it use 10-15 yellow sticky trap per acre of land. In the present context there is possibility of pod borer attack in green gram/ black gram, to control spray prophenophus @400 ml in 200 lit of water.

**Mango:**
- July and August are ideal time of planting.
- Suitable varieties are Amrapalli, Dusseheri, Chousa, Baganpalli, Totapuri, Bombay green, Suvarnarekha, Himsagar, etc.
- Seedling should be planted in pits at a distance of 10m X 10m.
- The pit size is 1m X 1m X 1m
- One year old healthy grafted plant should be preferred.
- At the time of planting two basket compost, 80 g N, 100 g P2O5 and 60 g K2O fertilizer should be applied.

**Pisciculture:**
Purchase fish seeds from a reliable fish seed producer and stock 3000 nos. of advance fingerlings of more than 8cm size per one acre of water area. In case of three species combination, the stocking numbers should be for Catla-900, Rohu-1200 and Mrigal-900. In case of six species combination, the stocking numbers should be for Catla-800, Rohu-1200, Mrigal-500, Common carp-300, Grass carp-100 and Silver carp-100. In any situation, the average water depth of the pond should not be less than 5ft level

**Animal Husbandry:** Make arrangement for sufficient clean drinking water for the livestock at different locations due to rise in temperature. Do not allow the animals for grazing in open field during the peak of temperature (11 AM to 3.00 PM). Arrange to feed the animals with green forages on regular basis.