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Orissa University of Agriculture and Technology
Regional Research & Technology Transfer Station (RRTTS),
Bhawanipatna, Kalahandi – 766001

WEEK NO.49

Bulletin No. 98/2022
Friday/Dt.09.12.2022

Weather Conditions recorded at AMFU Bhawanipatna from 03.12.2022 to 09.12.2022

<table>
<thead>
<tr>
<th>Weekly Rainfall (mm) and rainy days</th>
<th>Nil</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumulative Rainfall (mm) and rainy day (w.e.f. 01.01.2022)</td>
<td>1393.8 mm and 63 days</td>
</tr>
<tr>
<td>Mean weekly maximum temperature (°C)</td>
<td>28.0</td>
</tr>
<tr>
<td>Mean weekly minimum temperature (°C)</td>
<td>13.6</td>
</tr>
</tbody>
</table>


Very light rain may occur on 11.12.2022 and except dry weather from 10.12.2022, 12.12.2022 to 14.12.2022 in the Kalahandi district. Cumulative 01 mm rain is expected during the five days period. Sky may remain partly to generally cloudy during these five days. Wind may blow from South - East directions with the speed of 005 -007 km/hr. The maximum temperature may vary around 26 – 27 °C and the minimum temperature around 10 – 14 °C. Maximum RH is expected to vary between 74 – 94 % and minimum RH between 31 - 54%.

<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>KALAHANDI</td>
<td>10-12-2022</td>
<td>0</td>
<td>26</td>
<td>10</td>
<td>4</td>
<td>74</td>
<td>31</td>
<td>7</td>
<td>101</td>
</tr>
<tr>
<td></td>
<td>11-12-2022</td>
<td>1</td>
<td>27</td>
<td>12</td>
<td>5</td>
<td>91</td>
<td>54</td>
<td>7</td>
<td>103</td>
</tr>
<tr>
<td></td>
<td>12-12-2022</td>
<td>0</td>
<td>26</td>
<td>14</td>
<td>5</td>
<td>94</td>
<td>53</td>
<td>6</td>
<td>148</td>
</tr>
<tr>
<td></td>
<td>13-12-2022</td>
<td>0</td>
<td>27</td>
<td>14</td>
<td>4</td>
<td>92</td>
<td>40</td>
<td>5</td>
<td>159</td>
</tr>
<tr>
<td></td>
<td>14-12-2022</td>
<td>0</td>
<td>27</td>
<td>14</td>
<td>4</td>
<td>87</td>
<td>44</td>
<td>5</td>
<td>148</td>
</tr>
</tbody>
</table>

Agro met – Advisory Bulletin for Kalahandi District

General Advisory:
1. Harvest the paddy crop at 80% maturity.
2. Dry the harvested paddy and clean it properly.
3. Pulses like Black gram, Green gram may be harvested by cutting from ground level.
4. Spray pesticides to control aphids and pod borer in Arhar.

Crop-Specific Advisory:

*Kharif Paddy:*
1. The transplanted paddy is at maturity stage in the main field.
2. Harvest the crop at 80% maturity.

*Cotton:*
1. The crop is at boll bursting and harvesting stage.
2. Picking of the fully open bolls may be done during sunny weather.
3. Dry the harvest seed cotton to reduce the moisture percentage up to 8-10%.

**Maize:**
1. Dry the harvested grain properly and sell it in the mandis operated by Govt.
2. Field preparation for summer maize crops may be done.

**Arhar:**
1. The crop is at 130-140 days and flowering and pod formation stage.
2. To control leaf-eating caterpillars and pod borers spray Profenophos @ 2ml per liter of water.

**Green gram:**
1. Dry the harvested grain properly before storage.
2. Field preparation for summer crop may be done.
**Groundnut:**
1. The crop is at the maturity stage.
2. Harvest the matured crop after irrigation to avoid the retention of pods in the soil.

**Ragi:**
1. The crop is at maturity stage.
2. Mature crop may be harvested.

**Tomato:**
1. Tomato crop is at the vegetative growth stage.
2. Complete the hoeing and weeding.
3. Apply Urea @ 52 kg and MOP @ 52 kg per ha as 2nd top dressing followed by earthing up and irrigation.
4. To protect the tomato plants from wilting, a soil drenching of Bavistin 20g + Streptocycline 1g in 10 liters of water will be done.

**Brinjal:**
1. Brinjal crop is at the vegetative growth stage.
2. Complete the hoeing and weeding.
3. Apply Urea @ 52 kg and MOP @ 52 kg per ha as 2nd top dressing followed by earthing up and irrigation.
4. To protect the brinjal plants from wilting, a soil drenching of Bavistin 20g + Streptocycline 1g in 10 liters of water will be done.

**Onion:**
1. Kharif onion is at the bulb development and maturity stage.
2. Stop irrigation at least 15 days before harvesting.

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Nodal Officer  
GKMS, RRTTS, Bhawanipatna.