District: Dhenkanal

Weather condition during last week (15.07.2020 to 21.07.2020)

<table>
<thead>
<tr>
<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>22/7/2020</td>
<td>12</td>
<td>35</td>
<td>26</td>
<td>6</td>
<td>85</td>
<td>50</td>
<td>6</td>
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<tr>
<td>23/7/2020</td>
<td>12</td>
<td>33</td>
<td>25</td>
<td>7</td>
<td>87</td>
<td>72</td>
<td>5</td>
<td>242</td>
</tr>
<tr>
<td>24/7/2020</td>
<td>10</td>
<td>33</td>
<td>26</td>
<td>7</td>
<td>85</td>
<td>57</td>
<td>4</td>
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<tr>
<td>25/7/2020</td>
<td>5</td>
<td>34</td>
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<td>5</td>
<td>83</td>
<td>57</td>
<td>4</td>
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<td>4</td>
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</table>

Forecast (Up to 26.07.2020 given by Met. Centre, IMD, Bhubaneswar)

- 41 mm rain is expected during next five days.
- Sky will remain general cloudy next five days.
- Wind will blow at a speed of 4-6 kmph.
- Max.temp will vary from 35 to 33 °C whereas min.temp will remain as 25 to 26 °C.
- Prepare the nursery beds for raising paddy seedling for ensuing Kharif season.
- As soon as rainy seasons immediately go for sowing of direct seeded upland rice.
- Spray plant protection chemicals along with sticker in clear weather.

Low Land Paddy:
- Before transplanting treat the paddy with Chloropyrophos @ 1 ml/litre of water.
- Maintain 3 to 5 cm standing water in the transplanted paddy field.
- To control weed growth in the paddy field apply Bensulfuronmethyle +PRETILACHLOR @ 4 kg/ acre alongwith 10 kg of sand.

Vegetables:
- Nursery treatment of Brinjal seedlings by soil drenching in nursery with Tebuconazole@1ml/l and Plantomycin@1g/l of water seven days before transplanting.
- The rain may aggravate wilt disease in Brinjal and Cowpea. Following integrated disease management practices should be followed.
  - Drain out excess water from the fields soon.
  - The affected plants should be uprooted and destroyed to prevent spread of the disease.
  - Avoid excess application of nitrogenous fertilizers.
  - To control it, go for soil drenching of Tricoderma viridae@5g/litre of water and need based spraying of Tebuconazole @1g/litre of water alongwith Streptocycline@0.1g/litre of water.
- In current weather situation Thrips and mites attack will increase in Chilli crop showing curling of leaves and stunting growth of plants. To control the pest, spray Spirimesifen@ 120 ml/acre in 200 litres of water after cessation of rain.
- Rust disease is likely to appear in Cowpea. Spay Chlorothalonil@2g/litre of water.

Animal Science:
- Due to continuous rain during next five days don’t allow the domestic animals to outside for grazing.
- Provide sufficient clean drinking water to cattle and keep their sheds clean.
- Provide vaccination at regular interval.

Fisheries:
- Complete the pond preparation as soon as possible.

The above advisory is prepared based on the information available and not legal.

For any problem related to agriculture sector, please dial the toll free number 1800 180 1551.

Approved by Associate Director of Research
RRTTS, Mahisapat, Dhenkanal