Letter No. 61(3) / RRTTSR Dt. 28.07.2020

Weather Condition During Last Week at Ranital (22.07.2020 – 28.07.2020)

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>21.3 mm</td>
</tr>
<tr>
<td>Maximum temperature (°C)</td>
<td>31.0-36.0</td>
</tr>
<tr>
<td>Minimum temperature (°C)</td>
<td>22.0-25.0</td>
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<tr>
<td>Cloud cover</td>
<td>Overcast sky on Friday Partly Cloudy on Wednesday and Thursday. Clear on Tuesday but Mainly cloudy on other days.</td>
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**Forecasting (Upto 31.07.2020):** According to IMD, Bhubaneswar, the sky will remain Mostly cloudy on Wednesday. Partly Cloudy for the rest of the week. Moderate rain is expected for Wednesday, Light rain for Thursday & Very Light for Sunday, and Friday and Saturday will be the dry day. Wind will blow from South on Wednesday, Thursday & Sunday and from South-West on Friday and Saturday at a speed of 08 to 13 Km/hr. The maximum temperature will decline to 34°C on Sunday. The minimum temperature will gradually increase from 25°C to 27°C. The maximum relative humidity will range from 73% to 85% while the minimum from 43% to 52% during this period.

**Agromet advisory**

### Kharif rice
- As rainfall deficit situation persists in most of the blocks of the district, go for life saving irrigation to save rice nurseries.
- Do apply fertilizer in rice nurseries now.
- Wait for normal rain to continue further field operations in direct seeded rice rice.
- Prevailing high temperature condition may lead to infestation of rice thrips in rice nursery. Apply Fipronil 5SC@2ml/l of water or Thiometoxam@0.4g/litre of water.
- In direct seeded rice and rice nurseries, due to erratic rain weed infestation is now a major problem. To control the weeds at two to three leaf stage, spray Bispyribac sodium@20g a.i. ha⁻¹ in 500 litres of water.
- Granular insecticide like Cartap hydrochloride (4G) may be applied @ 1000 grams/10 decimal nursery area or Carbofuran 1200 gram or Fipronil@800gram, seven days before uprooting of seedlings. Otherwise seedling root dip with 10% Chloropyriphos solution is to be done before transplanting to check insect attack.
- If infestation of seedling blast is noticed, apply 120gm Tricyclozol 75% W.P. and for Bacterial Blight apply 500g Cupper Oxichloride 50% W. P. with 200g Plantomycin in 200 liter of water per acre.

### Sugarcane
- Wrapping and propping should be done when the crop becomes 4-5 months old in medium and late duration varieties.
- To minimize infestation of top shoot borer, spray Fipronil 5Sc@2ml/l or Lamba cyhalothrin 4.9CS @1ml/litre of water

### Jute
- Early vegetative stage
  - Current rainy weather is favorable for attack of Bihari hair caterpillar and
other foliage feeders. To control these insects, spray Lamba cyhalothrin 4.9CS @ 1ml/litre of water

| Vegetables | ❖ To prevent epilachna beetle in Brinjal, Cucumber, Bitter guard apply 400 ml Profenophous in 200 liter water per acre.  
❖ In recent rain deficit condition aake necessary irrigation to Brinjal, Chilly, Ridge Goard, Snake Goard, Long Beans crops. |
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<td>Coconut</td>
<td>❖ Utilizing recent rain, it is the right time for weeding and cleaning of the base of plants now. Apply 1 kg Urea, 2 kg SSP and 2 kg MOP alongwith 5 kg Neem cake per plant by making a ring around the plant.</td>
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</table>
| 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 P$_2$O$_5$ and 60 g K$_2$O fertilizer should be applied. |

Due to Covid-19 pandemic situation, farmers while conducting agricultural operations should use mask or handkerchief to cover their mouth & nose and maintain social distancing.

Sd/-  
Nodal Officer & Assoc. Director of Research