Land preparation and sowing of direct dry seeded rice in up-medium land is going on. Land preparation for wet bed nursery has been started. Land preparation and sowing of kharif non-paddy crops such as groundnut, pigeon pea and cotton has been started. Sowing of green manuring crops is almost completed. Intercultural operation of Kharif vegetables are going on along with plant protection. Plant protection of marigold, tube rose are carried out. Top dressing of sugarcane is carried out. Digging of holes for planting of fruit seedlings is going on. Rainfall up to end of this week is excess. Overall crop condition is Normal.

**Forecast (Up to 19.07.2020)**

Given by Met. Centre, IMD, Bhubaneswar

**DISTRICT: Kendrapada** – The district is likely to receive moderate rain on Tuesday and light rain thereafter up to Saturday with almost cloudy sky. The wind speed will remain within 3 to 16 kmph up to next four days. The daily maximum temperature is likely to increase gradually by 1°C each on Thursday and Friday. The daily minimum temperature is likely to increase by 1°C each on Thursday and Friday.

<table>
<thead>
<tr>
<th>DISTRICT</th>
<th>Kendrapara</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>18</td>
</tr>
<tr>
<td>T-MAX (°C)</td>
<td>31</td>
</tr>
<tr>
<td>T-MIN (°C)</td>
<td>25</td>
</tr>
<tr>
<td>Cloud Cover</td>
<td>7</td>
</tr>
<tr>
<td>Rh Max (%)</td>
<td>82</td>
</tr>
<tr>
<td>Rh Min (%)</td>
<td>68</td>
</tr>
<tr>
<td>Wind speed (kmph)</td>
<td>16</td>
</tr>
<tr>
<td>Wind Direction (deg)</td>
<td>211</td>
</tr>
</tbody>
</table>

For further information, contact the Met. Centre, Aerodrom Area, IMD, Bhubaneswar, Tel. # 0674-2596116.

**Agromet Advisory**

**General**

- Keep bunding water in the main rice field for timely puddling and transplanting.
- Go for land preparation and puddling for transplanting in low land and medium low land.
- Go for transplanting of rice in blocks receiving more than 150 to 200 mm rainfall during July and August and dehusking of direct seeded rice.
- Complete raising of wet bed rice nursery without any delay as fair amount rainfall is received due to active monsoon and it is likely to receive a good amount of rainfall in next five days.
- Go for SRI method of rice cultivation in irrigated medium lands, as 10 to 12 days is required for raising seedlings.
- Go for sowing of pulses like green gram, black gram, sesame etc. in upland without any delay for best utilization of soil moisture due to receipt of fair amount of rain/uplands receiving rainfall of 60-75 mm during last week).
- Go for sowing of kharif vegetables like okra and cucurbits.

**DIRECT SEEDED OF RICE**

(i) Lowland dry direct seeded rice

In semi-deep/deep water direct areas where direct seeding has already completed, to control weeds apply Bispyribac sodium 10% SC @ 120 ml/acre in 120 litres of water (8 tank of 16 lit capacity sprayer) at 8-10 days after emergence when the weeds are at 2-3 leaf stage as an alternate to manual weeding or Mutsulfuron Methyl 10%+ Chlorimuron Ethyl 10 % WP (Almix/ Clominx/Alvida) @ 8 gram / acre at 15-20 DAS (When the weeds are at 3-4 leaf stage) by mixing in 200-litre of water or apply tank mix of Fenoxaprop-p-ethyl + Ethoxy sulfuron (Rice star + Sunrise) @ 260 + 50 g/acre at 15-20 DAS as an alternate to manual weeding. Drain out water from paddy field before spraying of herbicide and irrigate the field up to 3-5 days. Always use clean water for herbicide application. Use flat fan nozzle or flood jet nozzle for herbicide application.

(ii) Upland dry direct seeded rice

In upland rice to control weeds spray herbicide Bispyribac sodium 10% SC at 120ml/acre in 120 litres of water at 8-10 days after emergence when the weeds are at 2-3 leaf stage as an alternate to manual weeding

**Wet Bed Nursery**

Irrigation should be done in nursery field and putde it 2-3 times followed by planking. Apply 200 kg of FYM, 4 kg of DAP, 2.5 kg of MOP during last puddling in 10-decimal area. Apply light irrigations to the nursery area so that the field remains wet and do not keep standing water. Apply 4 kg of Urea at 15 DAS to the nursery area. Apply 400-gram Chlorantraniliprole 0.4 % G (Ferterra/Enfuse) or 800-gram Cartap Hydrochloride 4% GR (Boregan/Caldan) in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, caseworm, leaf folder and root knot nematode up to 3 weeks after transplanting.

**Nursery Management**

To control weeds in rice nursery apply pyrazosulfuron ethyl @ 80 g/acre at 0-3 DAS, cyhalothrin 5 % EC @ 100 ml/acre or Thiamethoxam 25 % WG @ 40g/acre. In root-knot nematode and stem borer endemic areas, carbofuran granules @ 3 g/sq. m or phorate @ 1g/sq. m or diazinon @ 1g/sq. m is to be applied after 5 days after sowing. If infestation of seedling blight is noticed, apply Propiconazol (Tilt) @ 1 ml/ litre of water. For transplanting

**GROUNDNUT**

For one acre of cultivation 50-kg of kernel is required. Seed treatment can be done with Carbendazim 50 % WP @ 2-gm/ kg of seeds or Carboxin 37.5 % + Thiram 37.5% D.S WP (Vitavax power/Vaccinator Power) @ 3-gm/kg of seeds. Treat the seeds with recommended species of Rhizobium bacterial culture @ 20 gm/kg of seeds before 1 hour of sowing. Apply 35 kg DAP and 4-kg Urea and 26 kg MOP per acre in the furrows before sowing as basal fertilizer. Apply well powdered Gypsum @ 100 kg/acre and incorporate into the soil along with with the basal fertilizers, this will improve number of pods and pod filling. Mix the fertilizer with the soil so that seeds do not come in direct contact with the fertilizer. Keep line to line spacing of 30 cm and plant to plant spacing of 10 cm and put the seed in 3 cm depth.

Nodal Officer