The mean daily maximum and minimum temperature were 33.1°C and 25.4°C in the Nayagarh district during the last week. The district was received 33.7 mm rainfall during the last week. 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.

**District: NAYAGARH**

**Forecast (Up to 19.07.2020)**

**Week No. 28**

**Given by Met. Centre, IMD, Bhubaneswar**

**District: Nayagarh** – The district is likely to receive moderate rain on Tuesday and Wednesday and light rain thereafter up to Saturday with almost cloudy sky. The wind speed will remain within 2 to 4 kmph up to next four days. The daily maximum temperature is likely to increase gradually by 1°C each on Thursday and Saturday. The daily minimum temperature is likely to increase by 1°C each on Thursday and Saturday.

**Rainfall**

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</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>30</td>
<td>12</td>
<td>7</td>
<td>7</td>
<td>6</td>
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<tr>
<td>T-MAX (°C)</td>
<td>31</td>
<td>30</td>
<td>31</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td>T-MIN (°C)</td>
<td>25</td>
<td>24</td>
<td>25</td>
<td>25</td>
<td>26</td>
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<tr>
<td>Cloud Cover</td>
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<td>5</td>
<td>7</td>
<td>6</td>
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<tr>
<td>Rh Max (%)</td>
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<td>91</td>
<td>87</td>
<td>86</td>
<td>88</td>
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<tr>
<td>Rh Min (%)</td>
<td>58</td>
<td>56</td>
<td>55</td>
<td>54</td>
<td>59</td>
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<tr>
<td>Wind speed (kmph)</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Wind Direction (deg)</td>
<td>234</td>
<td>169</td>
<td>217</td>
<td>163</td>
<td>179</td>
</tr>
</tbody>
</table>

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

**Agriculture 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 beushaning 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 recieving rainfall of 60-75 mm during last week).
- Go for sowing of kharif vegetables like okra and cucurbits.
- Go for planting of fruit trees.
- Go for top dressing of maize.
- Go for raising seedling of vegetables in raised seed bed in the rainfed uplands.

**Direct Seeded of Rice**

(i) Lowland direct seeded rice In semi-deep/deep water direct areas where direct seeding has already completed, to control weeds apply Bispyrirbac 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 Metolflururon Methyl 10%+ Chlorimuron Ethyl 10% WP (Almix/Clomix/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 + Ethoxysulfuron (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 after 2-3 days. Always use clean water for herbicide application. Use flat fan nozzle or flood jet nozzle for herbicide application.

(ii) Upland direct seeded rice In upland rice to control weeds spray herbicide Bispyrirbac 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 puddle 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 10 DAS to the nursery area. Apply 400-gm Chlorantraniliprole 0.4% G (Ferterra/Enfuse) or 800-gm Cartap Hydrochloride 4% GR (Boregan/Caldan) in the 10 decimal nursery area 7 days before transplanting to manage gall midge, stem borer, casesawm, 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. If infestation of thrips is notice in rice nursery, spray NSKE (Azadirachtin) @ 800 ml/acre or Lambda-cyhalothrin 5% EC @ 100 ml/acre or Thiathemoxam 25% WG @ 40 g/acre. In root-knot nematode and stem borer endemic areas, carbafuran 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 Propiconazole (Tilt) @ 1 ml/1 litre of water. For transplanting.

**OKRA:** The seed rate for HYV okra is 4 kg/acre whereas for hybrid the seed rate is 1.5 kg/acre.

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IAAS-Nayagarh-14.07.2020-56.docx