Week No.: 29

AGRO ADVISORY BULLETIN

District - Koraput (Eastern Ghat High Land)

Date: 21.07.2020

Weather condition during last four days

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<tr>
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<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>12.0</td>
<td>0.0</td>
<td>11.0</td>
<td>14.6</td>
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<tr>
<td>T. Max. (°C)</td>
<td>24</td>
<td>29</td>
<td>30</td>
<td>31</td>
</tr>
<tr>
<td>T. Min. (°C)</td>
<td>21</td>
<td>20</td>
<td>21</td>
<td>20</td>
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Forecast up to 26.07.2020 (According to MC, IMD, Bhubaneswar)

➢ Possibilities of mainly cloudy sky during next five days.
➢ Chances of light to Moderate rainfall during next five days.
➢ Maximum and minimum temperature is expected to be 29-31°C and 20-21°C respectively.

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<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>4</td>
<td>12</td>
<td>12</td>
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<td>3</td>
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<tr>
<td>T. Max. (°C)</td>
<td>31</td>
<td>30</td>
<td>29</td>
<td>30</td>
<td>31</td>
</tr>
<tr>
<td>T. Min. (°C)</td>
<td>21</td>
<td>21</td>
<td>20</td>
<td>21</td>
<td>21</td>
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<tr>
<td>Cloud cover</td>
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<td>7</td>
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<td>5</td>
<td>4</td>
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<tr>
<td>RH Max. (%)</td>
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<td>88</td>
<td>91</td>
<td>87</td>
<td>88</td>
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<tr>
<td>RH Min. (%)</td>
<td>53</td>
<td>61</td>
<td>77</td>
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<td>52</td>
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<tr>
<td>Wind speed (Km/hour)</td>
<td>5</td>
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<td>6</td>
<td>3</td>
<td>4</td>
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<td>Wind direction (°)</td>
<td>222</td>
<td>237</td>
<td>230</td>
<td>212</td>
<td>199</td>
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</tbody>
</table>

Agromet Advisory

General Advisory:
➢ District is likely to be received light to moderate rainfall in coming five days. Complete sowing of direct seeded paddy in low land and medium low land.
➢ By using recent rainfall start field preparation for non-paddy crops like pulse, oilseeds and vegetables in upland condition and take up early sowing/transplanting.
➢ By using recent rainfall sow the fodder crops like maize, sorghum, cowpea etc.
➢ Before sowing of any crop, farmers are advised for application of well decomposed FYM or compost, it increases the water use efficiency as well as nutrient quantity in the soil.
➢ Farmers are also advised to increase the use of potash, it helps in minimizing the losses due to the moisture stress during dry spell.
➢ Keep the cattle shed clean in rainy season. Use lime and bleaching powder for cleaning.

Kharif Rice:
➢ To control weeds in upland rice spray Bipyribac sodium 10% SC at 100ml/acre in 200 litres of water at 20-25 days after transplanting when the weeds are at 2-3 leaf stage.
➢ The problem of weed may aggravate after transplanting. Application of herbicides Bensulfuron methyle 0.6%+Pretilachlor 6% GR may be applied with sand (25kg) mix 1:1 ratio @10kg/ha within 3-7DAT.
➢ Chances of seedling blight infestation in rice nursery, if observe spray Propiconazole 25% EC @ 1 ml/litre of water in clear weather.
➢ After uprooting of 25 - 30 days old seedling, root dipping should be done with Chloropyriphos solution (1 ml/litre of water) for reducing insect attack.
➢ Bacterial blight can be controlled to an extent by dipping the roots of seedlings in Streptomycin solution by mixing 1 g in 10 litre of water for 20 minutes before transplanting.
➢ In zinc deficient areas apply Zinc Sulphate @ 10 kg/acre and in boron deficient soil apply Borax @ 2 kg/acre at the time of final land preparation.
➢ Transplanting should be done @ 2 - 3 seedlings/hill at a spacing of 20 x 15 cm and a thin layer of water (1 - 2 cm) should be maintained in the main field up to 10 days after transplanting.

Ragi:
➢ Variety: Bhairabi, Subhra, Nilachala, Chilika, Godabari, Champabati, OEB 265/532/526
➢ Plain & upland is suitable for Ragi cultivation.
➢ Spacing row to row 20-25 cm and plant to plant 10 cm. Seed rate 10kg/ha.
Before sowing seeds should be treated with Mancozeb @ 2.5g/kg or Bavistin 50WP @ 2g/kg of seeds.

Fertilizer dose: N:P₂O₅:K₂O -50:40:25 kg/ha. Before transplanting apply whole P₂O₅ with 50% of K₂O & N. Rest 50% N should be applied after earthing up & weeding at 15-20 days after transplanting.

Ginger:
- Select high loamy land for cultivation. Farmers are advised to make raised bed of size 1m width, 15cm height and of convenient length and channels for draining excess rain water.
- Variety: Suprabha, Suruchi & Suravi should be planted. Seed rate: 1800-2000 Kg/ha
- Before sowing dip rhizomes in a slurry of 1g carbendazim, 3g Mancozeb, 1g Plantomycin & 2ml Quinalphous per liter of water for half an hour and dry in the shade.

Maize:
- Grow Hybrid variety: Pioner-3401/3436/3502/3501/3377, DMH 8255, Kaveri 225/2288, NMH 731/803, KMH 3712, JKMH 502, Use 15 kg seeds/ha. At the sowing time apply 35 kg DAP, 4 kg urea and 27 kg MoP per acre.
- Gap filling has to be done at 7th day after transplanting. Sow the seeds in lines with spacing of 60cm (Row to Row) X 30cm (Plant to Plant) at 5 cm soil depth. Spray of Atrazine 1-1.5 kg a.i/ha. in 500 litre of water within 24hrs of sowing in moist soil is recommended for effective weed control in maize.

Yam:
- Grow suitable high yielding varieties of yam like Shreekirti, Shreerupa, Hatikhoj, Shreeshilpi. Small yam: Shreelata, Shreekala, White yam: Shreesubhra, Shreepriya, Shreedhanya. 8-10 quintals yam required for planting in one acre. Cut the yam into pieces of 150-200 g each. Dig out 1.5 ft. x 1.5ft deep holes at 3X3 ft spacing. Apply 5 tons FYM during final land preparation. Apply full P of the recommended fertilizer dose of 32:24:32 kg NPK/acre as basal. Plant the seed material at 5-10 cm sowing depth. Cover the beds with straw mulch of 5 cm height.

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Note: Contact nearby State Agriculture Officer or KVK Scientist for necessary help and suggestion.

Nodal Officer
GKMS, Semiliguda