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Sundargarh IAAS English_09.12.2022_49_98  
Sundargarh Dist of North Western Plateau Zone  

Weather condition: According to IMD forecast, there would be no rainfall in this week. The sky will remain Fair(Clear & Slightly Clouded) in this coming 05 days. The Maximum Temperature will vary from last week be 26-28°C for the next five days. The Minimum Temperature will vary from 10-12°C for the next five days The Maximum RH will vary from 45-70% in this week.

Weather Forecast upto (14.12.2022) VALID TILL 08.30 IST OF FOLLOWING DAYS

<table>
<thead>
<tr>
<th>DISTRICT</th>
<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>SUNGERGARH</td>
<td>10-12-2022</td>
<td>0</td>
<td>26</td>
<td>10</td>
<td>3</td>
<td>45</td>
<td>22</td>
<td>7</td>
<td>68</td>
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<tr>
<td></td>
<td>11-12-2022</td>
<td>0</td>
<td>26</td>
<td>11</td>
<td>4</td>
<td>62</td>
<td>44</td>
<td>5</td>
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<tr>
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<td>12-12-2022</td>
<td>0</td>
<td>27</td>
<td>12</td>
<td>4</td>
<td>70</td>
<td>40</td>
<td>5</td>
<td>108</td>
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<tr>
<td></td>
<td>13-12-2022</td>
<td>0</td>
<td>28</td>
<td>12</td>
<td>3</td>
<td>58</td>
<td>41</td>
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<td>71</td>
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<td>14-12-2022</td>
<td>0</td>
<td>27</td>
<td>12</td>
<td>3</td>
<td>58</td>
<td>42</td>
<td>7</td>
<td>71</td>
</tr>
</tbody>
</table>

Agromet Advisory: The kharif crops which are at maturity stage upto 85%, go for harvesting the crop.

Rabi Paddy:
Complete the nursery sowing of rabi paddy. Chose early and medium duration paddy. Prefer wet nursery for rabi paddy. For 10 decimal, apply 40 baskets of FYM, 12 kg SSP and 2 kg potas in the nursery. Soak the seeds in water for 24 hours and than sow it on nursery bed

Direct Seeded Paddy: Harvest the crop where 85% panicle turns yellow colour.

Transplanted Paddy: The timely transplanted crop is to be harvested where 85% panicle turns yellow colour. After harvesting, dry the paddy under the sun for 2-3 days.

Paira Crops:
Sow the paira crops like Mung, Biri, Pea, Toria 15 days before harvesting the rice crop where there is residual moisture. Apply 25% more seeds than recommended.

Wheat:
This is the right time to sow wheat. Good varieties are Sonalika, UP262. Treat the seeds with Carbendazim @ 2.5 g/kg seed.

Sow the seed at a spacing of 15cm. Prior to sowing, apply 16 kg Nitrogen, 16 kg phosphorus & potas 16 kg per acre. In termite prone areas, apply chlorpyriphos dust @10kg/Acre. After sowing go for light irrigations.

Gram:
Sow the gram in residual soil moisture. Good varieties are C-235, H208, Anegiri @ 20 kg/acre. Treat the seeds with PSB culture @ 400g for 20 kg seed seven days before sowing.

Apply 2 t FYM/ac and 10 kg N, 16 kg P at final land preparation.

Spacing is 30 X 10 cm. Apply pendimetholin @ 1000 ml/acre one day after sowing.

Ragi:
If more than 85% crop turns yellow, than harvest the crop and dry it under sun for 2-3 days.

Pulses:
Provide drainage of excess water from the field. If the early sown crop is matured than go for harvesting before rainfall.

Sesamum:
After harvesting of paddy, sow early sesame variety in residual soil moisture. Good varieties are, Vinayak, Kalika, Kanak, Prachi, Amrit, Smarak. @ 3-4 kg/ac. If the khraif sesame turns to yellow then go for harvesting the capsules.

Groundnut: Sow rabi groundnut @ 60 kg pod/acre. Good varieties are Smruti, JL-24, Dharani. Treat the seeds with rhizobium culture @ 20 g/kg of kernels.

Arhar: For managing the pod borer, spray Triazophos @ 200 ml along with neem based insecticide @ 200 ml in 200 litres of water.

Toria:
Sow the good toria variety like parvati, Anuradha, M-27, Barun PT303, @ 3-4 kg/acre. Treat the seeds with Carbendazim @ 2-3 g/kg of seeds seven days before sowing. One day before sowing treat with 200 g PSB culture for one acre seed. Go for thinning of excess plants by keeping the healthiest. After good tilth, apply 2 t FYM along with 12: 7: 6 kg NPK/acre. The spacing is 30 X 10 cm. To manage the Powdery Mildew, spray wettable Sulphur @ 1 kg mixed in 200 litres of water/acre

Vegetables:
In cow pea there is chances of Aphid attack, to manage this spray Imidachloprid @ 50 ml in 200 litres of water per acre.

Potato:
Complete sowing of potato without any further delay. Seed rate is 6-8 q/acre. The tuber size should be of 25 g with 2-3 eyes. Treat the seeds with Mancozeb @ 20 g + 1g Streptocyclin / 10 litres of water. At final land preparation apply 8 t FYM and 24:24:48 kg NPK/ac. Go for intercultivation at 15 days after germination. At 20-25 days old potato crop go for first top dressing of Nitrogen @ 12 kg/acre. Due to prevailing weather condition, manage Aphids by application of Imidacloprid @ 5 ml/litre of water.

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

Nodal Officer