**Weather condition:** According to IMD there would be 87 mm rainfall in this week. The sky will be partially cloudy. The maximum temperature will vary from 30-32°C for the next five days. The minimum temperature will vary from 20-22.0°C for the next five days. The maximum Relative humidity would vary from 87-94%.

**Past Weather observed from 17.8.16 to 23.8.16**

<table>
<thead>
<tr>
<th>Rainfall in mm</th>
<th>T-max C</th>
<th>T-min C</th>
<th>RH-I</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>32</td>
<td>19</td>
<td>92</td>
</tr>
</tbody>
</table>

**Weather Forecast upto (28.8.16) 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>Sundergarh</td>
<td>24/8/2016</td>
<td>23</td>
<td>32</td>
<td>22</td>
<td>4</td>
<td>89</td>
<td>72</td>
<td>3</td>
<td>188</td>
</tr>
<tr>
<td></td>
<td>25/8/2016</td>
<td>13</td>
<td>30</td>
<td>20</td>
<td>6</td>
<td>87</td>
<td>57</td>
<td>3</td>
<td>237</td>
</tr>
<tr>
<td></td>
<td>26/8/2016</td>
<td>14</td>
<td>30</td>
<td>20</td>
<td>6</td>
<td>87</td>
<td>52</td>
<td>4</td>
<td>92</td>
</tr>
<tr>
<td></td>
<td>27/8/2016</td>
<td>24</td>
<td>30</td>
<td>20</td>
<td>5</td>
<td>93</td>
<td>55</td>
<td>5</td>
<td>102</td>
</tr>
<tr>
<td></td>
<td>28/8/2016</td>
<td>13</td>
<td>32</td>
<td>22</td>
<td>4</td>
<td>94</td>
<td>56</td>
<td>5</td>
<td>112</td>
</tr>
</tbody>
</table>

**Agromet Advisory:**

Dig water storage structures in their 1/10 of area in lower corner for rain water harvesting & live saving irrigation. According to the extended range forecasting rain in the week from 19-25th Aug will be less and from 26-01 Sept.’16 the rainfall will be normal so farmers are advised to keep the rain water in the field. Follow the normal kharif activities. Also as per the soil moisture index map, the soil is wet so intercultivation can be taken in the kharif crops.

**Direct seeded Medium Land:** The crop is at 30-35 days old. Due to the rain received last week, go for beussanning in direct seeded paddy. Then apply 12-16 kg Nitrogen/acre as.

**Transplanted Paddy** – Following the early rooting stage, a shallow water depth facilitates tiller production and promotes firm root anchorage in the soil. At 2-3 weeks after transplanting apply 12 kg Nitrogen/acre in medium variety and 16 kg Nitrogen in Long duration paddy at tillering stage. Keep one inch water for better tillering. Make alleys in the transplanted Paddy to prevent from BPH in paddy. Due to high humidity there is Stem borer attack, so install sex specific pheromone trap @ 3-4/ac.

**SRI Paddy** - Prepare the field and keep allies of 30 cm in every 2 m. Use marker and transplant the 8-12 days old seedling in 25 cmX 25 cm.spacing. Run the weeder after 8-10 days of transplanting and continue weeding at an interval of 10-15 days.

**Hybrid Paddy**- Keep one inch water for better tillering. At 2-3 weeks after transplanting apply 10 kg Nitrogen/acre and at 5 weeks after transplanting apply again 10 kg N/acre at tillering stage.

**Maize:** Due to receipt of heavy rain last week, drain out excess water from the maize field. Apply 8 kg Nitrogen/acre and follow intercultivation and ridging to the crop.

**Pulses.** Due to rain, the soil is moist so go for intercultivation in pulses.

**Groundnut:** Due to rain, the soil is moist so go for intercultivation in groundnut. At this stage there is chances of Tikka disease. So to control spray 4 gm Mancozeb/liter of water which also controls the rust disease in groundnut.

Niger- Sow the treated seeds @ 4kg/acre. Sow at a spacing of 30 X 10 cm. The soil test based fertilizer dose is 40-20-20 kg NPK/ha
**Fruit & Vegetables:**
It is time for sowing of Rainy season vegetables like Bhindi (Lady’s finger), Bean, French bean, Tomato, Cauliflower, Cabbage etc. Prepare the field for its sowing. Collect the following improved var.
- Mango Var: Baiganpalli, Totapari, Subarnarekha, Neelam, LX angra, Amrapalli, Himasagar, Kisanbhog are cmsuitable for the area.
- Banana var. Dwarf Cavendis, Robusta, Patakura, Champa, Gajabantala, Amrutbansi, G-9 and Tissue cultura Banana.
- Papaya: Coorg Honey dew, Co-1 & 2, Pusa Delicious, Farm Selection, Washington,
- Coconut: Tall var. East Coast Tall, West Coast Tall, Java, Shyam.
- Dwarf: Malay, Nizeria, Green dwarf
- Pine Apple: Kew, Queen, Simachalan
- Sweet Potato var, Pusa Safed, OFSP, SP-9@ 28000 cuttings/Acre at 60cmX30cm

**Livestock:** Keep clean & dry the cow shed. Give freshly prepared feed and fodder. Take precaution from Mosquitoes & flies. Go for deworming followed by vaccination for HS & BQ in consultation with the Livestock personnel. In the early monsoon season, there is chances of FMD, so go for vaccination in consultation with Livestock personnel.

**Pisciculture:** For acidic correction add 250kg of lime/1hamt of water.
For any problem related to agriculture sector, please dial the toll free number 1551.

Nodal Officer