The forecast is valid for Bengaluru Rural district.

**Weather forecast (Valid from 15th June to 19th June 2016)**

**Forecast summary:**

<table>
<thead>
<tr>
<th>Parameters</th>
<th>15.06.16</th>
<th>16.06.16</th>
<th>17.06.16</th>
<th>18.06.16</th>
<th>19.06.16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>6</td>
<td>4</td>
<td>6</td>
<td>10</td>
<td>6</td>
</tr>
<tr>
<td>Max Temp Trend (°C)</td>
<td>29</td>
<td>30</td>
<td>29</td>
<td>29</td>
<td>28</td>
</tr>
<tr>
<td>Min Temp Trend (°C)</td>
<td>21</td>
<td>21</td>
<td>21</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>Total cloud cover (octa)</td>
<td>7</td>
<td>7</td>
<td>8</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Relative humidity (%)/Max</td>
<td>83</td>
<td>81</td>
<td>81</td>
<td>86</td>
<td>86</td>
</tr>
<tr>
<td>Relative humidity (%)/Min</td>
<td>68</td>
<td>64</td>
<td>66</td>
<td>75</td>
<td>65</td>
</tr>
<tr>
<td>Wind speed (Km/hr)</td>
<td>6</td>
<td>6</td>
<td>10</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Wind Direction (Degrees)</td>
<td>270</td>
<td>260</td>
<td>240</td>
<td>230</td>
<td>250</td>
</tr>
</tbody>
</table>

Light to medium rainfall forecasted during next 5 days. The Maximum temperature ranges from 28.0-31.0°C and Minimum of 20.0-21.0°C. Relative humidity 84-88 % during morning hrs and 68-79 % during noon is expected. Wind speed is expected to 4-8 km/hr.

**Weather Based Agro Advisories**

**Crop information and Crop Stages of the major Kharif/Rabi crops**

<table>
<thead>
<tr>
<th>District</th>
<th>Kharif crops</th>
<th>Horticulture crops</th>
</tr>
</thead>
<tbody>
<tr>
<td>Groundnut</td>
<td>Redgram</td>
<td>Mango</td>
</tr>
<tr>
<td></td>
<td>Maize</td>
<td></td>
</tr>
</tbody>
</table>

- **G**: Germination, **S**: Sowing, **EV**: Early vegetative, **VG**: Vegetative growth, **TR**: Transplanting, **PI**: Peg initiation, **FLI**: Flag leaf initiation, **F**: Flowering, **PF**: Pod formation, **PM**: Pod Maturity, **T**: Tillering, **E**: Ear head emergence, **GF**: Grain filling, **H**: Harvesting **IBI**: Inflorescence Bud initiation, **PP(V)**: Pod Picking Vegetable, **F& FS**: Flowering to fruit setting, **FD**: Fruit Development, **M**: Maturation

- **R,H**: Ragi, Horse gram

**Agromet Advisory:**

**Agriculture crop**

- Next 2-3 days monsoon will active as per IMD forecasted, advised to farmers for sowing will continued based on soil moisture is sufficient.
- The following crops are suggested for sowing. **Under monocropping the long duration crops:**
  - Redgram : TTB-7, BRG-1,2,4&5
  - Castor: DCS-9 (Jyothi), DCH-177&32
- **Under double cropping the short duration crops:**
  - Ragi : Indaf -9, ML-365
  - Seasamum : Navile-1, T-7
  - Groundnut : TMV-2, JL-24, KCG-6
  - Cowpea: TVX-944, KBC-1, Green gram: PS-16, PDM-84,178
- Next 2-3 days monsoon will active as per IMD forecasted, advised to farmers for sowing will continued based on soil moisture is sufficient.

**General advisory**

- Before sowing take up land preparation and strengthen the bund which will facilitate conservation of rainwater of pre-monsoon showers.
- FYM and tank silt application in field.
- Tank silt application will improve the soil texture and soil fertility.
- Ploughing across the slope will make insitu soil moisture conservation
- Take up land leveling so that more rain water is conserved in the soil.

**Horticulture crop**

- Taken up deep plough to expose the soil to kill the different stages of insect.
- Advised to harvesting of mango fruits as early because of continuous rainfall fruit fly incidence is more.
- Take up harvesting without dropping fruit on the soil to avoid the damage.

**Animal Husbandry**

- Proper ventilation should be maintained for free circulation of air in the sheds.
- Keep the cattle shed clean.