The forecast is valid for Chikkaballapur district
Weather forecast (Valid from 10th to 14th October 2015)

Forecast summary:
Light rain forecasted during next 5 days. The Maximum temperature ranges from 28.0-30.0°C and Minimum of 20.0-21.0°C. Relative humidity 72-82 % during morning hrs and 57-69 % during noon is expected. Wind speed is expected to 2-4 km/hr.

Weather Based Agro Advisories
Crop information and Crop Stages of the major Kharif/Rabi crops

<table>
<thead>
<tr>
<th>Parameters</th>
<th>10.10.15</th>
<th>11.10.15</th>
<th>12.10.15</th>
<th>13.10.15</th>
<th>14.10.15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>5</td>
<td>4</td>
<td>6</td>
<td>5</td>
<td>0</td>
</tr>
<tr>
<td>Max Temp Trend (°C)</td>
<td>29</td>
<td>29</td>
<td>28</td>
<td>30</td>
<td>29</td>
</tr>
<tr>
<td>Min Temp Trend (°C)</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>20</td>
<td>21</td>
</tr>
<tr>
<td>Total cloud cover (octa)</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>4</td>
</tr>
<tr>
<td>Relative humidity (%)/Max</td>
<td>81</td>
<td>82</td>
<td>82</td>
<td>77</td>
<td>72</td>
</tr>
<tr>
<td>Relative humidity (%)/Min</td>
<td>68</td>
<td>69</td>
<td>65</td>
<td>57</td>
<td>58</td>
</tr>
<tr>
<td>Wind speed(Km/hr)</td>
<td>2</td>
<td>4</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Wind Direction (Degrees)</td>
<td>240</td>
<td>250</td>
<td>220</td>
<td>230</td>
<td>230</td>
</tr>
</tbody>
</table>

Agromet Advisory:

1. Inter-cultivation operations like weeding, hoeing need to be carried out in already sown crops.
2. Spraying of fungicide & pesticide (need based) if the incidence of pest and diseases exceeds threshold level of crops. As a precautionary measure to control tikka disease for groundnut spray Bavistin @ 0.5 gm/litre of water. For leaf roller pest spray Quinalphos @ 2ml/litre of water. Drench Carbendazim @ 1.0 gm/liter of water to control of wilt in redgram.
3. The farmers are advised to make crescent bund/basins for perennial horticulture crops below the canopy to conserve moisture. Avoid irrigation and spraying of chemicals for next five days. Avoid water stagnation in newly plantations
4. Drain out the excess water in ragi crop field and apply recommended top dress fertilizer.
5. Care should be taken against the decrease in day temperature for silk worm and poultry and dairy rearing houses by maintaining optimum room temperature and hygiene
Recommended to take up very short duration crops like cowpea, horsegram, sunflower, niger, with protective irrigation at the maturity stage. After the harvest of paddy, short duration pulses like bengal gram can be taken up in paddy fallows.

During this week also the following crops are suggested for sowing of medium to short duration varieties, provided protective irrigation at the maturity stage.

**Finger millet** - Indaf-7, Indaf-9, Indaf-15, ML-365
**Maize** – Deccan-103, Vijaya composite, NAH-1137 and Ganga-11,
**Sunflower**: Morden, KBSH-1, KBSH-41, KBSH-42, KBSH-44 and KBSH-53.
**Bengal gram**: JJ-11, KAK-2 and Vishal
**Field bean**: HA-3 and HA-4
**Horse gram**: KBH-1 and PHG-9
**Niger**: KBN-1
**Black gram**: Rashmi

---

**Station Nodal Officer**

Bengaluru