UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
GRAMIN KRISHI MAUSAM SEWA(GKMS)

AGROMET-ADVISORY BULLETIN
Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Chikkaballapur district
Weather forecast (Valid from 08th June to 12th June 2016)

Forecast summary:

Weather Based Agro Advisories

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

<table>
<thead>
<tr>
<th>Parameters</th>
<th>08.06.16</th>
<th>09.06.16</th>
<th>10.06.16</th>
<th>11.06.16</th>
<th>12.06.16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>5</td>
<td>10</td>
<td>12</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Max Temp Trend (°C)</td>
<td>31</td>
<td>32</td>
<td>31</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td>Min Temp Trend (°C)</td>
<td>21</td>
<td>21</td>
<td>21</td>
<td>22</td>
<td>22</td>
</tr>
<tr>
<td>Total cloud cover (octa)</td>
<td>4</td>
<td>7</td>
<td>7</td>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>Relative humidity (%Max)</td>
<td>70</td>
<td>68</td>
<td>65</td>
<td>60</td>
<td>63</td>
</tr>
<tr>
<td>Relative humidity (%Min)</td>
<td>50</td>
<td>48</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Wind speed(Km/hr)</td>
<td>4</td>
<td>6</td>
<td>4</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>Wind Direction (Degrees)</td>
<td>240</td>
<td>240</td>
<td>230</td>
<td>250</td>
<td>250</td>
</tr>
</tbody>
</table>

Light to medium rainfall forecasted during next 5 days. The Maximum temperature ranges from 31.0-32.0°C and Minimum of 21.0-22.0°C. Relative humidity 60-70 % during morning hrs and 48-50 % during noon is expected. Wind speed is expected to 4-6 km/hr.

Weather Based Agro Advisories

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
- Black gram: Karagao-3, T-9, Rashmi(LBG-625)

**General advisory:**
- The farmers are procure good quality of seeds and fertilizers. Take up the germination test for Kharif sowing.
- Summer ploughing, FYM and tank silt application in field.
- Tank silt application will improve the soil texture and soil fertility.
- Before sowing take up land preparation and strengthen the bund which will facilitate conservation of rainwater of pre-monsoon showers.
- Ploughing across the slope will make in situ soil moisture conservation
- Take up land leveling so that more rain water is conserved in the soil.

**Horticulture crop**

**Mango**
- Taken up summer plough to expose the soil to kill the different stages of insect.
- 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.

Station Nodal Officer
Bengaluru