AGROMET-ADVISORY BULLETIN
Date: 18.04.2016

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Chikkaballapur district
Weather forecast (Valid from 19th April to 23rd April 2016)

Forecast summary:
No rainfall forecasted during next 5 days. The Maximum temperature ranges from 38.0-39.0°C and Minimum of 22.0-23.0°C. Relative humidity 46-51 % during morning hrs and 38-45 % during noon is expected. Wind speed is expected to 2-3 km/hr.

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

<table>
<thead>
<tr>
<th>Parameters</th>
<th>19.04.16</th>
<th>20.04.16</th>
<th>21.04.16</th>
<th>22.04.16</th>
<th>23.04.16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Max Temp Trend (°C)</td>
<td>39</td>
<td>38</td>
<td>39</td>
<td>38</td>
<td>39</td>
</tr>
<tr>
<td>Min Temp Trend (°C)</td>
<td>23</td>
<td>23</td>
<td>23</td>
<td>23</td>
<td>22</td>
</tr>
<tr>
<td>Total cloud cover (octa)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Relative humidity (%Max)</td>
<td>51</td>
<td>48</td>
<td>47</td>
<td>46</td>
<td>46</td>
</tr>
<tr>
<td>Relative humidity (%Min)</td>
<td>45</td>
<td>41</td>
<td>41</td>
<td>39</td>
<td>38</td>
</tr>
<tr>
<td>Wind speed(Km/hr)</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>Wind Direction (Degrees)</td>
<td>140</td>
<td>140</td>
<td>230</td>
<td>250</td>
<td>270</td>
</tr>
</tbody>
</table>

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>Bangalore (U)</td>
<td>Ragi</td>
<td>Maize</td>
</tr>
<tr>
<td></td>
<td>Redgram</td>
<td>Grape</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Mango</td>
</tr>
</tbody>
</table>

Agromet Advisory:

Crop Stage/ Condition | Pest and Disease | Agro advisories
Agriculture crop

Make the seeds ready for pre monsoon season sowing.
Ragi : Indaf -9, Seasamum : Navile-1, T-7
Cowpea : TVX-944, KBC-1, Green gram : PS-16, PDM-84,178
Black gram : Karagao-3, T-9, Rashmi(LBG-625)

General advisory

- Tank silt from tanks be added to crop field to improve the soil fertility and moisture retention and soil texture
- Average Rainfall in April and May months are 40 mm and 93 mm respectively. Hence, cowpea, sesame, Black gram and green gram are recommended for the sowing the above crops during May month. Agricultural implements and seeds may be kept ready for sowing of crops.
- For Soil moisture conservation in mango orchard, weeds and crop residues may be mulched
- After completion of rabi crops/other crop residues may used for compost making instead of burning or using as fuel
### Vegetables
Advised to provide irrigation to vegetable and other crops.

### Horticulture crop

#### Mango
- Remove the weeds such as lantana which are growing under the mango tree.
- Mango fruit drop can be controlled by spraying of NAA (Naphthalene acetic acid) at 20ppm twice at an interval of 15 days, one protective irrigation will reduce the fruit drop.
- Destroy the termite mound and termite by drenching Chlorophyriphos @ 5-10 ml/ liter of water or Place 2 Aluminum phosphate /termite mount which has one meter circumstances and close all the holes with wet clay soil to avoid air entering into the mount.

### Animal Husbandry

- Apply 4-6 inch thick hay thatch as a roofing material. Water can be used for spraying the floor and roof of shelter periodically during peak hot hours which lowers the temperature and consequently reduces the heat load on animals.
- Preparation of silage and use silage during summer season when shortage of green fodder
- Proper ventilation should be maintained for free circulation of air in the sheds.
- Keep the cattle shed clean.
- Drinking water may be ensured of 60 lts. of water/day/animal
- Animals may be allowed for grazing early in morning or later in evening

---

**Station Nodal Officer**
Bengaluru