AGROMET ADVISORY BULLETIN  
Issued jointly by, UAS, Bengaluru & Indian Meteorological Department  
The forecast is valid for Kolar district  
Weather forecast (Valid from 09th to 13th January 2016) 

Forecast summary:  
No rain forecasted during next 5 days. The Maximum temperature ranges from 28.0-29.0°C and Minimum of 14.0-15.0°C. Relative humidity 63-69 % during morning hrs 50-53 % 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>District</th>
<th>Kharif crops</th>
<th>Horticulture crops</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bangalore (U)</td>
<td>Groundnut</td>
<td>Grape</td>
</tr>
<tr>
<td></td>
<td>Redgram</td>
<td>Mango</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Parameter</th>
<th>09.01.16</th>
<th>10.01.16</th>
<th>11.01.16</th>
<th>12.01.16</th>
<th>13.01.16</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>29</td>
<td>29</td>
<td>28</td>
<td>28</td>
<td>29</td>
</tr>
<tr>
<td>Min Temp Trend (°C)</td>
<td>15</td>
<td>14</td>
<td>14</td>
<td>14</td>
<td>14</td>
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<tr>
<td>Total cloud cover (octa)</td>
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<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Relative humidity (%)(Max)</td>
<td>67</td>
<td>63</td>
<td>67</td>
<td>69</td>
<td>68</td>
</tr>
<tr>
<td>Relative humidity (%)(Min)</td>
<td>52</td>
<td>51</td>
<td>50</td>
<td>52</td>
<td>53</td>
</tr>
<tr>
<td>Wind speed(Km/hr)</td>
<td>2</td>
<td>4</td>
<td>4</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Wind Direction (Degrees)</td>
<td>120</td>
<td>120</td>
<td>110</td>
<td>140</td>
<td>140</td>
</tr>
</tbody>
</table>

Agromet Advisory:  

**Agriculture crop**  
Redgram and Ragi  
Advised for harvested crops winnowing, cleaning, drying and storage in dry gunny bag. Provide protective irrigation on rabi crops.  

**Horticulture crop**  
Mango  
- Dry spell situation exists since one month, it is favorable for higher flowering and this weather also favorable for Powdery mildew diseases.  
- Leaf hopper and Powdery mildew disease incidence is more during before flowering and immediately after fruit formation to manage spraying of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3ml/ litre of water for management of leaf hopper.  
- Spray Lamda Cyhalothrin 5EC@ 0.5 ml/ litre of water or sulphur dust (SULTAF) 80 W @3g/litre of water against the Powdery mildew diseases.  
- Incidence of Leaf hopper severe to spray Azadirachtin (10,000 PPM) @ 7.0 ml/ litre of water.  
- If Phanerogamic plants are growing on the mango tree to cut/prune out completely and apply Bordeaux paste or Copper oxy chloride that portion.  
- Remove the weeds such as lantana which are growing under the mango tree.  
- The shoots/branches touching ground may be thinned and ground clearance of the canopy main field to prevent the incidence of pests and disease.  
- Destroy the termite mount and termite by drenching Chlorophyripis @ 5-10 ml/ litre 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