AGROMET-ADVISORY BULLETIN
Date: 09.01.2015
Issued jointly by, UAS, Bengaluru & Indian Meteorological Department
The forecast is valid for Ramanagara district

Weather forecast (Valid from 10th to 14th January 2015)

Forecast summary:
No rains are expected for this week, Maximum temperature ranges from 29.0-30.0°C and minimum will be 17.0-18.0°C, with cloud cover 1-2 okta. Relative Humidity of around 80-85 % during morning hrs and 44-52 % during noon is forecasted. Wind speed is expected to be 3-4 km/hr.

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

<table>
<thead>
<tr>
<th>Parameters</th>
<th>10.01.15</th>
<th>11.01.15</th>
<th>12.01.15</th>
<th>13.01.15</th>
<th>14.01.15</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>30</td>
<td>29</td>
<td>29</td>
<td>29</td>
<td>30</td>
</tr>
<tr>
<td>Min Temp Trend (°C)</td>
<td>17</td>
<td>17</td>
<td>18</td>
<td>18</td>
<td>17</td>
</tr>
<tr>
<td>Total cloud cover (octa)</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Relative humidity (%) Max</td>
<td>83</td>
<td>83</td>
<td>88</td>
<td>80</td>
<td>85</td>
</tr>
<tr>
<td>Relative humidity (%) Min</td>
<td>48</td>
<td>44</td>
<td>47</td>
<td>50</td>
<td>52</td>
</tr>
<tr>
<td>Wind speed(Km/hr)</td>
<td>4</td>
<td>4</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Wind Direction (Degrees)</td>
<td>85</td>
<td>70</td>
<td>90</td>
<td>90</td>
<td>90</td>
</tr>
</tbody>
</table>

Agromet Advisory:

**Crop Stage/ Condition Pest and Disease Agro advisories**

**Agriculture crop**

Sowing
- Recommended crops and varieties for the month of January (Irrigated Crops)
  - Sunflower: Mordern, K.B.S.H-1, 41,42 and 44
  - Maize: Ganga-11, Deccan -103, N.A.C-6002 & 6004, Nityashree
  - Groundnut: ICGS-11, K-134, Chintumani-2 (KCH-2)
  - Ragi: Indaf-5, GPU-26 and 48

- Harvesting of Ragi, Cowpea, Field bean and Redgram crops. Threshing, cleaning and store harvested crops in gunny bags.

Horticulture crop

Mango
- Due to low temperature and higher humidity in morning hours congenial condition for attaching powdery mildew disease and leaf hopper pest on mango orchard, hence farmers are advised to control measure taken to spray of Carbaryl WP® 4 g/lt of water or Spray Carbendazim @ 1 g/L or Confidor @ 0.5 ml/ lt of water

Animal Husbandry
- Maintain the optimum room temperature in Sericulture, Poultry and Dairy unit.

Station Nodal Officer:
UAS, GKVK, Bengaluru