The forecast is valid for Chikkaballapur district

Weather forecast (Valid from 24th to 28th January 2015)

<table>
<thead>
<tr>
<th>Parameters</th>
<th>24.01.15</th>
<th>25.01.15</th>
<th>26.01.15</th>
<th>27.01.15</th>
<th>28.01.15</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>29</td>
<td>28</td>
<td>28</td>
<td>28</td>
<td>29</td>
</tr>
<tr>
<td>Min Temp Trend (°C)</td>
<td>17</td>
<td>16</td>
<td>17</td>
<td>17</td>
<td>16</td>
</tr>
<tr>
<td>Total cloud cover (octa)</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Relative humidity (%Max)</td>
<td>82</td>
<td>87</td>
<td>79</td>
<td>79</td>
<td>81</td>
</tr>
<tr>
<td>Relative humidity (%Min)</td>
<td>41</td>
<td>37</td>
<td>39</td>
<td>32</td>
<td>31</td>
</tr>
<tr>
<td>Wind speed (Km/hr)</td>
<td>8</td>
<td>6</td>
<td>7</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td>Wind Direction (Degrees)</td>
<td>125</td>
<td>120</td>
<td>110</td>
<td>115</td>
<td>110</td>
</tr>
</tbody>
</table>

Forecast summary:
No rains are expected during this week, Maximum temperature ranging from 28.0-29.0°C and Minimum of 16.0-17.0°C. Relative humidity 79-87% during morning hrs 31-41% during noon is expected. Wind speed is expected to be 6-8km/hr.

Weather Based Agro Advisories

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

**Kharif crops**
- Maize
- Groundnut
- Ragi
- Sunflower
- Redgram

**Horticulture crops**
- Grape
- Mango

**District**
- Chickballapura

Crop Stage/ Condition | Pest and Disease | Agro advisories
----------------------|------------------|------------------
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, Chintamani-2 (KCH-2)
                      |                  | **Ragi**: Indaf-5, GPU-26 and 48

**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 Sulphur dust 2 g/ lt of water or Spray Confidor @ 0.5 ml/ lt of water

**Animal Husbandry**
- Maintain optimum temperature in sericulture unit and poultry unit to providing electric bulb for creating warm room temperature

Station Nodal Officer:
UAS, GKVK, Bengaluru