AGROMET-ADVISORY BULLETIN

Date: 12-09-2014

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Ramanagara district
Weather forecast (Valid from to 13th to 17th September 2014)

Forecast summary:
Light rains are expected for this week, Maximum temperature ranges from 30.0-31.0°C and Minimum will be 19.0-20.0°C, with cloud cover 4-6 okta. Relative Humidity of around 85-86% during morning hrs and 57-65% during noon is forecasted. Wind speed is expected to be 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>Ramanagara</td>
<td>Maize</td>
<td>Mango</td>
</tr>
<tr>
<td></td>
<td>VG,Ts</td>
<td>F,PI</td>
</tr>
<tr>
<td></td>
<td>Ragi</td>
<td>VG,F</td>
</tr>
<tr>
<td></td>
<td>Redgram</td>
<td>F,PI</td>
</tr>
<tr>
<td></td>
<td>Groundnut</td>
<td></td>
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</tbody>
</table>


Agromet Advisory:

Crop Stage/ Condition | Pest and Disease | Agro advisories |
|----------------------|------------------|-----------------|

Agriculture crop

- **Redgram:** Advised for drenching Chloropyriphos@ 4ml/litre to control of termite.
- Advised for inter cultivation and weeding operations.
- **Groundnut:** Apply recommended Gypsum @ 20kg/ha
- **Ragi (Finger millet)** attend inter cultivation operation and weeding operations.

Variety for late Kharif sowing

- Procure good quality of seeds in Raita Samparka Kendra (RSK), Agricultural University or Krishi Vigyan Kendra :- Cowpea : C-152, TVX-944, Field bean : HA-3, HA-4

Horticulture

In view of the high wind speed advised to provide staking to the newly planted horticultural crops.

Animal Husbandry

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

Parameters

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</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>4</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Max Temp Trend (°C)</td>
<td>31</td>
<td>31</td>
<td>31</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Min Temp Trend (°C)</td>
<td>20</td>
<td>20</td>
<td>19</td>
<td>19</td>
<td>19</td>
</tr>
<tr>
<td>Total cloud cover (octa)</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Relative humidity (%) Max</td>
<td>86</td>
<td>86</td>
<td>85</td>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td>Relative humidity (%) Min</td>
<td>57</td>
<td>58</td>
<td>60</td>
<td>62</td>
<td>65</td>
</tr>
<tr>
<td>Wind speed(Km/hr)</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Wind Direction (Degrees)</td>
<td>270</td>
<td>280</td>
<td>280</td>
<td>280</td>
<td>280</td>
</tr>
</tbody>
</table>

Weather Based Agro Advisories

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

District

- **Ramanagara**
- **Maize**
- **Ragi**
- **Redgram**
- **Groundnut**
- **Mango**

VG, Ts: VG: Transplanting, Ts: Tasselling

Horticulture

- **Cowpea:** C-152, TVX-944
- **Field bean:** HA-3, HA-4

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