AGROMET-ADVISORY BULLETIN  
Date: 31.05.2016

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Ramanagara district
Weather forecast (Valid from 01st June to 05th June 2016)

Forecast summary:
Light to medium rainfall forecasted during next 5 days. The Maximum temperature ranges from 28.0-31.0°C and Minimum of 20.0-21.0°C. Relative 75-88 % during morning hrs and 62-72% during noon is expected. Wind speed is expected 4-6 km/hr.

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

<table>
<thead>
<tr>
<th>Parameters</th>
<th>01.06.16</th>
<th>02.06.16</th>
<th>03.06.16</th>
<th>04.06.16</th>
<th>05.06.16</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rainfall (mm)</td>
<td>4</td>
<td>7</td>
<td>15</td>
<td>18</td>
<td>10</td>
</tr>
<tr>
<td>Max Temp Trend (°C)</td>
<td>31</td>
<td>30</td>
<td>29</td>
<td>29</td>
<td>28</td>
</tr>
<tr>
<td>Min Temp Trend (°C)</td>
<td>22</td>
<td>21</td>
<td>21</td>
<td>20</td>
<td>21</td>
</tr>
<tr>
<td>Total cloud cover</td>
<td>5</td>
<td>6</td>
<td>8</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Relative humidity (%)Max</td>
<td>75</td>
<td>80</td>
<td>83</td>
<td>87</td>
<td>88</td>
</tr>
<tr>
<td>Relative humidity (%)Min</td>
<td>63</td>
<td>62</td>
<td>73</td>
<td>71</td>
<td>72</td>
</tr>
<tr>
<td>Wind speed (Km/hr)</td>
<td>4</td>
<td>4</td>
<td>6</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Wind Direction (Degrees)</td>
<td>260</td>
<td>280</td>
<td>270</td>
<td>250</td>
<td>270</td>
</tr>
</tbody>
</table>

Forecast summary:
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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>Redgram</td>
</tr>
<tr>
<td></td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>


Agromet Advisory:

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

The following crops are suggested for sowing.

Under monocropping the long duration crops:
Redgram : TTB-7, BRG-1,2,4&5
Castor: DCS-9 (Jyothi), DCH-177&32

Under double cropping the short duration crops:
Ragi : Indaf -9, ML-365 Seasamum : Navile-1, T-7
Groundnut : TMV-2, JL-24, KCG-6
Cowpea: TVX-944, KBC-1, Green gram: PS-16, PDM-84,178
Black gram: Karagao-3, T-9, Rashmi(LBG-625)

General advisory

- The farmers are procure good quality of seeds and fertilizers. Take up the germination test for Kharif sowing.
- Summer ploughing, FYM and tank silt application in field.
- Tank silt application will improve the soil texture and soil fertility.
- Before sowing take up land preparation and strengthen the bund which will facilitate conservation of rainwater of pre-monsoon showers.
- Ploughing across the slope will make insitu soil moisture conservation
- Take up land leveling so that more rain water is conserved in the soil.

**Horticulture crop**

| **Mango** | ➢ Taken up summer plough to expose the soil to kill the different stages of insect.  
           | ➢ Take up harvesting without dropping fruit on the soil to avoid the damage. |

**Animal Husbandry**

| | ➢ Proper ventilation should be maintained for free circulation of air in the sheds.  
   | ➢ Keep the cattle shed clean. |

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Station Nodal Officer  
Bengaluru