The forecast is valid for Ramanagara district
Weather forecast (Valid from 06th July to 10th July 2016)

Forecast summary:
Light rainfall forecasted during next 5 days. The Maximum temperature ranges from 27.0-28.0°C and Minimum of 20.0-21.0°C. Relative 81-86 % during morning hrs and 63-74 % during noon is expected. Wind speed is expected 7-10 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>Ragi S,G</td>
<td>Redgram S,G, EV</td>
</tr>
<tr>
<td></td>
<td>Maize S,G, EV</td>
<td>Grape --</td>
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<tr>
<td></td>
<td>Mango H</td>
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</tbody>
</table>


Agromet Advisory:
- Before sowing take up land preparation and strengthen the bund which will facilitate conservation of rainwater of pre-monsoon showers.
- FYM and tank silt application in field.
- Tank silt application will improve the soil texture and soil fertility.
- Ploughing across the slope will make in situ soil moisture conservation.
- Take up land leveling so that more rain water is conserved in the soil.

The following crops are suggested for sowing.
Redgram: TTB-7, BRG-1,2,4 & 5
Castor: DCS-9 (Jyothi), DCH-177 & 32
Maize: Ganga-11, Deccan -103, Vijaya composite, Composite NAC-6004,6002, Hybrid-Nityashree (NAH-2049)
Ragi: Indaf-9, ML-365
Groundnut: TMV-2, JL-24, KCG-6
Cowpea: TVX-944, KBC-1, Green gram: PS-16, PDM-84,178

Where ever sufficient rainfall received, farmers are advised to go for sowing of Redgram with suitable varieties of TTB-7, BRG-1 and Hyd-3c @15kg/ha and treat the seeds with rhizobium culture @ 500gm/ha before sowing. Sow the seeds with spacing...
of 60 cm x 23 cm.

**Groundnut:** Bunch type of varieties, JL-24 and TMV-2. (Use 125 kg seeds/ha (i.e. 50 kg seeds per acre) · Seed treatment with Rhizobium 2.5 kg/ha and PSB 2.5 kg/ha · Fertilizer dosage per hectare 25kg N (55 kg urea), 50 kg P (313 kg SSP), 25 kg K (42 kg Potassium Sulphate), 25 kg Zinc Sulphate and 25 kg Ferrous sulphate. · Spacing followed is 30cm (Row) x 10 cm (Plant). · Pre-emergent application of herbicide Atrazine 50 WP @ 1 kg /ha in 1000 ltr (i.e.2 gram of atrazine in 1 ltr of water) immediately after the sowing or within 48 hours of sowing.

### Horticulture crop

<table>
<thead>
<tr>
<th>Mango</th>
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<tbody>
<tr>
<td>➢ Taken up deep plough to expose the soil to kill the different stages of insect.</td>
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<tr>
<td>➢ Advised to harvesting of mango fruits as early because of continuous rainfall fruit fly incidence is more.</td>
</tr>
<tr>
<td>➢ Take up harvesting without dropping fruit on the soil to avoid the damage.</td>
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</tbody>
</table>

### Animal Husbandry

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<tbody>
<tr>
<td>➢ Proper ventilation should be maintained for free circulation of air in the sheds.</td>
</tr>
<tr>
<td>➢ Keep the cattle shed clean.</td>
</tr>
</tbody>
</table>

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**Station Nodal Officer**
**UAS, GKVK**

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**Karnataka**

29 June 2016

- Persistent cloud
- < 0.2 / bare soil / wet background
- 0.2 – 0.3
  - Moderate
- 0.3 – 0.4
- 0.4 – 0.5
  - Good
- 0.5 – 0.6
- > 0.6
  - Very Good

Agriculture vigour is moderate over Karnataka state except very few patches of good NDVI observed in southern region of the state.