The forecast is valid for Kolar district
Weather forecast (Valid from 15th to 19th October 2016)

Forecast summary:
No rainfall forecasted during next 5 days. The Maximum temperature ranges from 30.0-31.0°C and Minimum of 18.0-19.0°C. Relative humidity 75-90 % during morning 43-49 % during noon is expected. Wind speed is expected to 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>District</th>
<th>Kharif crops</th>
<th>Horticulture crops</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Groundnut</td>
<td>Redgram</td>
<td>Maize</td>
</tr>
<tr>
<td>Rainfall (mm)</td>
<td>15.10.16</td>
<td>16.10.16</td>
<td>17.10.16</td>
</tr>
<tr>
<td>Max Temp Trend (°C)</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Min Temp Trend (°C)</td>
<td>30</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Total cloud cover (octa)</td>
<td>19</td>
<td>19</td>
<td>19</td>
</tr>
<tr>
<td>Relative humidity (%)Max</td>
<td>6</td>
<td>1</td>
<td>4</td>
</tr>
<tr>
<td>Relative humidity (%)Min</td>
<td>87</td>
<td>90</td>
<td>86</td>
</tr>
<tr>
<td>Wind speed(Km/hr)</td>
<td>46</td>
<td>48</td>
<td>49</td>
</tr>
<tr>
<td>Wind Direction (Degrees)</td>
<td>120</td>
<td>150</td>
<td>140</td>
</tr>
</tbody>
</table>

Agriculture Advisory:

General
- Delayed sowing of short duration crops such as cowpea (KBC-1, 2), field bean (Hebbal avare-3,4). Sunflower: Morden, KBSH-1,41,44 & 52 and Niger: KBN-1, No-71.
- On black soils Bengal gram (Annigeri-1, J.J-11, KAK-2, Vishal ) sowing is recommended.

Ragi
- Top dress Nitrogen @ 12.5 kg/ha immediately after rain received.
- Use short duration Ragi varieties like GPU 26,45, 48 and Indaf 7,9 & 15 for sowing when rain received.
- If ragi blast disease noticed, spray Mancozeb @ 2 gram/litre(100 gram/acre) or Zainab @2.5 gram/litre(500 gram/acre)

Maize
- Top dress Nitrogen @ 25 kg/ha immediately after rain received.
- To control Cob borer spray Melathion 50 EC @ 2ml/litre (500 ml/acre)
- To control stem borer in Maize Spray Quinolphos-25 EC @ 2ml/liter of water or Chlorophyriphos -20 EC @ 2ml/liter of water.

Redgram
- If pod borer noticed, spray Indoxycarb 14.5 SC @ 0.5 ml/litre or Spynosad 45 SC @ 0.15 ml/litre or Chloropyrifos 20 EC @ 2ml/litre.
- If Wilt diseases noticed in field –Drenching Carbendazim 50 WP 2 g/litre of water.
- Remove and burn the wilt infected plant in field.

Groundnut
- To control of Tikka disease, spray Carbendazim 1 g/litre (200 gram/acre).

Animal Husbandry
<table>
<thead>
<tr>
<th>Cattle</th>
</tr>
</thead>
</table>
| ➢ Proper ventilation should be maintained for free circulation of air in the sheds.  
  ➢ For milch animals regularly follow schedule of 1 kg feed + 50 g mineral mixture per 2 litres of milk yield. Feed animals with a mixture of green grass + hay + minerals + dry feed. |

**Karnataka**

13 October 2016

![Map of Karnataka](image)

Agriculture vigour is moderate over northern region of the state whereas good vigour is observed in the central and patches in southern regions.

**Station Nodal Officer**
UAS, GKVK