AGROMET-ADVISORY BULLETIN

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Chikkaballapur district

Weather forecast (Valid from 21\textsuperscript{st} May to 25\textsuperscript{th} May 2016)

Forecast summary:

Light rainfall forecasted during next 5 days. The Maximum temperature ranges from 31.0-35.0\degree C and Minimum of 19.0-20.0\degree C. Relative humidity 62-72 \% during morning hrs and 40-48 \% 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>
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<tr>
<th>District</th>
<th>Kharif crops</th>
<th>Horticulture crops</th>
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<tbody>
<tr>
<td>Bangalore (U)</td>
<td>Ragi</td>
<td>Redgram</td>
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<th>Crop</th>
<th>Stage/ Condition</th>
<th>Pest and Disease</th>
<th>Agro advisories</th>
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<td>Agriculture crop</td>
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- 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)

- 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 in situ soil moisture conservation.
- Take up land leveling so that more rain water is conserved in the soil.

**Horticulture crop**

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<tr>
<th>Mango</th>
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| - 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**

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

**Station Nodal Officer**
**Bengaluru**

18th May 2016

**Karnataka**

Severely wet condition of soil moisture is observed over southern and western districts of Karnataka. Central districts show moderate wet condition. Rest of the state is in mild dry condition.