AGROMET-ADVISORY BULLETIN

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Urban district
Weather forecast (Valid from 21st May to 25th May 2016)

Parameters | 21.05.16 | 22.05.16 | 23.05.16 | 24.05.16 | 25.05.16
---|---|---|---|---|---
Rainfall (mm) | 3 | 3 | 0 | 3 | 7
Max Temp Trend (deg °C) | 30 | 31 | 32 | 32 | 32
Min Temp Trend (deg °C) | 21 | 21 | 22 | 22 | 22
Total cloud cover (octa) | 8 | 8 | 8 | 7 | 7
Relative humidity (%)(Max) | 82 | 79 | 81 | 77 | 75
Relative humidity (%)(Min) | 62 | 54 | 52 | 53 | 60
Wind speed(Km/hr) | 6 | 8 | 6 | 8 | 6
Wind Direction (Degrees) | 260 | 270 | 230 | 230 | 240

Forecast summary:
Light rainfall forecasted during next 5 days. The Maximum temperature ranges from 30.0-32.0°C and Minimum of 21.0-22.0°C. Relative Humidity 75-82 % during morning 52-62 % during noon is expected. Wind speed is expected to 6-8 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</td>
<td>Redgram</td>
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Agromet Advisory:

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.

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<tr>
<th>Horticulture crop</th>
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<tr>
<td>Mango</td>
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<td>Taken up summer plough to expose the soil to kill the different stages of insect.</td>
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<td>Take up harvesting without dropping fruit on the soil to avoid the damage.</td>
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<th>Animal Husbandry</th>
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<td>Proper ventilation should be maintained for free circulation of air in the sheds.</td>
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<td>Keep the cattle shed clean.</td>
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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 shows moderate wet condition. Rest of the state is in mild dry condition.