AGROMET-ADVISORY BULLETIN

Date: 06.05.2016

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Urban district

Weather forecast (Valid from 07\textsuperscript{th} May to 11\textsuperscript{th} May 2016)

Forecast summary:

Light rainfall forecasted during next 5 days. The Maximum temperature ranges from 34.0-35.0°C and Minimum of 23.0-24.0°C. Relative Humidity 69-78 % during morning 42-63 % during noon is expected. Wind speed is expected to 0-4 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:

Crop | Stage/ Condition | Pest and Disease | Agro advisories
---|-----------------|------------------|-------------------
Agriculture crop | Make the seeds ready for pre monsoon season sowing.
Ragi : Indaf -9, Seasamum : Navile-1, T-7
Cowpea : TVX-944, KBC-1, Green gram : PS-16, PDM-84,178
Black gram : Karagao-3, T-9, Rashmi(LBG-625)

- Summer ploughing, FYM and tank silt application in field.
- Take up land preparation and strengthen the bund with fodder grass which will facilitate conservation of rainwater due to pre-monsoon showers. Ploughing across the slope will make use insitu soil moisture conservation
- Take up land leveling so that more rain water is conserved in the soil.
- Average Rainfall in April and May months are 40 mm and 93 mm respectively. Hence, cowpea, sesame, Black gram and green gram are recommended for the sowing the above crops during May month. Agricultural
implements and seeds may be kept ready for sowing of crops.

- For Soil moisture conservation in mango orchard, weeds and crop residues may be mulched
- After completion of rabi crops/other crop residues may used for compost making instead of burning or using as fuel

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<td><strong>Mango</strong></td>
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| - Remove the weeds such as lantana which are growing under the mango tree.  
- Destroy the termite mound and termite by drenching Chlorophyriphos @ 5-10 ml/ liter of water or Place 2 Aluminum phosphate /termite mount which has one meter circumstances and close all the holes with wet clay soil to avoid air entering into the mount. |

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| - The following measures should be adopted to take care of heat stress livestock during summer season, it is advisable to sprinkle the cold water 2-3 times a day on the body of the cattle to overcome the heat.  
- Apply 4-6 inch thick hay thatch as a roofing material. Water can be used for spraying the floor and roof of shelter periodically during peak hot hours which lowers the temperature and consequently reduces the heat load on animals.  
- Proper ventilation should be maintained for free circulation of air in the sheds.  
- Keep the cattle shed clean.  
- Drinking water may be ensured of 60 lts. of water/day/animal  
- Animals may be allowed for grazing early in morning or later in evening |

Station Nodal Officer  
Bengaluru