AGROMET-ADVISORY BULLETIN

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Ramanagara district

Weather forecast (Valid from 16th April to 20th April 2016)

Forecast summary:
Light rainfall is forecasted during next 5 days. The Maximum temperature ranges from 37.0-38.0°C and Minimum of 25.0-26.0°C. Relative humidity 62-69 % during morning hrs and 20-29 % during noon is expected. Wind speed is expected to 0-2 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: Indaf-9, Seasamum: Navile-1, T-7</td>
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<tr>
<td></td>
<td>Cowpea: TVX-944, KBC-1, Green gram: PS-16, PDM-84,178</td>
<td>Grape: --</td>
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<tr>
<td></td>
<td>Black gram: Karagao-3, T-9, Rashmi(LBG-625)</td>
<td>Mango: FD</td>
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Agromet Advisory:

- 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)

- Tank silt from tanks be added to crop field to improve the soil fertility and moisture retention and soil texture
- 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
<table>
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<tr>
<th>Vegetables</th>
<th>Advised to provide irrigation to vegetable and other crops.</th>
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**Horticulture crop**

| Mango       | Remove the weeds such as lantana which are growing under the mango tree.  
|-------------|---------------------------------------------------------------------|
|             | Mango fruit drop can be controlled by spraying of NAA (Naphthalene acetic acid) at 20ppm twice at an interval of 15 days, one protective irrigation will reduce the fruit drop.  
|             | 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.  

**Animal Husbandry**

| Animal Husbandry | 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.  
|------------------|---------------------------------------------------------------------|
|                   | Preparation of silage and use silage during summer season when shortage of green fodder  
|                   | 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  

_Section Nodal Officer_  
Bengaluru