AGROMET-ADVISORY BULLETIN

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Date: 20.09.2016

The forecast is valid for Bengaluru Urban district

Weather forecast (Valid from 21th September to 25th September 2016)

Forecast summary:
Light rainfall forecasted during next 5 days. The Maximum temperature ranges from 29.0-30.0°C and Minimum of 20.0°C. Relative Humidity 88-91 % during morning 54-62 % during noon is expected. Wind speed is expected 12-18 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>Groundnut, Redgram, Maize</td>
<td>Grape, Mango</td>
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<td></td>
<td>F, PI</td>
<td>VG, F, VG, FLI, Ts</td>
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</tbody>
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Agromet Advisory:

Agriculture crop

- Based on Extended Range Weather Forecast (ERWF) light rainfall is forecasted for next week.
- Sowing of short duration crops such as cowpea (KBC-1,2), foxtail millet, field bean (Hebbal avare) are recommended.
- Provide one protective irrigation to standing agricultural crops.
- If rain not received, spray 2 % KCL (MOP) to overcome moisture stress.

Ragi

- Use short duration Ragi varieties like GPU 45, 48 and Indaf 9 for sowing when rain received.
- If ragi blast disease noticed, spray Mancozeb @ 2gram/litre(100 gram/acre) or Zainab @2.5 gram/litre(500 gram/acre)

Maize

- Top dress Nitrogen @ 25 kg/ha immediately after rain received.
- Undertake intercultural operation to control the weeds and to increase the moisture availability to crops.
- Undertake residue mulch by using the residues of weeds, gliricidia and other green manure crops grown on the bunds, borders and along the drainage lines.
- 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** | - Undertake residue mulch by using the residues of weeds, gliricidia and other green manure crops grown on the bunds, borders and along the drainage lines.  
- 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** | - Undertake intercultural operation followed by hand weeding should be attended. |

**Animal Husbandry**

| **Cattle** | - 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 |

*Station Nodal Officer*  
*UAS, GKVK*