AGROMET-ADVISORY BULLETIN

Date: 12.08.2016

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Urban district

Weather forecast (Valid from 13th August to 17th August 2016)

Forecast summary:
Light rainfall forecasted during next 5 days. The Maximum temperature ranges from 28.0-29.0°C and Minimum of 20.0-21.0°C. Relative Humidity 84-89 % during morning 51-56 % during noon is expected. Wind speed is expected 13-19km/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>
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<tbody>
<tr>
<td>Bangalore (U)</td>
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<tr>
<td>Groundnut</td>
<td>Redgram</td>
<td>Grape</td>
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<tr>
<td>EV, V</td>
<td>EV</td>
<td>S, G, EV</td>
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Agromet Advisory:

Crop/Component | Stage/ Condition | Pest and Disease | Agro advisories |
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<tbody>
<tr>
<td>General</td>
<td>Based on Extended Range Weather Forecast (ERWF) deficit rainfall is forecasted for next two weeks (August 2nd and 3rd week).</td>
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<td>Postpone sowing operation until soaking/sufficient rainfall received.</td>
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<td>Since, there was excess rainfall in the month of May, June and July the surplus rainwater might have been stored in farm ponds, nala bunds, check dams and other rain water storage structures. This stored rainwater may be best used for protective irrigation during the prevailing dry spell.</td>
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<td>Ragi</td>
<td>Recommended for medium to short duration crops like Ragi (HR-911,Indaf-5, 9, GPU-26,28,45, 48 and 66, ML-365, PR-202)</td>
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<td>Postpone sowing operation until soaking/sufficient rainfall received.</td>
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<td>Land preparation and land leveling before sowing of Ragi crop</td>
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<td>Incorporate farm yard manure to field before 15 days sowing of crops.</td>
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<td>Maize</td>
<td>Undertake residue mulch by using the residues of weeds, gliricidia and other green manure</td>
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crops grown on the bunds, borders and along the drainage lines.

- Undertake intercultural operation to control the weeds and to increase the moisture availability to crops.
- 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.  
|------------------------------| Wherever over population of crop plants is existing, undertake thinning operation for better availability of scarce soil moisture to the reduced population of crop plants.  
|                              | If Wilt diseases noticed in field –Drenching Carbendazim 50 WP 2 g/litre of water.  
|                              | Remove and burn the infected plant in field. |

| Groundnut                   | Undertake intercultural operation followed by hand weeding should be attended. |

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<th>Animal Husbandry</th>
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| 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**