AGROMET-ADVISORY BULLETIN

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

Date: 25.08.2015

The forecast is valid for Ramanagara district
Weather forecast (Valid from 26th to 30th August 2015)

Forecast summary:
Light rain forecasted during next 5 days. The Maximum temperature ranges from 29.0-30.0°C and Minimum of 20.0-21.0°C. Relative humidity 74-81% during morning hrs and 54-61 % during noon is expected. Wind speed is expected to 4-6 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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<td>EV, VG, Branching</td>
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</tbody>
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Parameter:
26.08.15 | 27.08.15 | 28.08.15 | 29.08.15 | 30.08.15 |
---|---|---|---|---|
Rainfall (mm) | 3 | 4 | 3 | 0 | 0 |
Max Temp Trend (°C) | 30 | 29 | 29 | 30 | 30 |
Min Temp Trend (°C) | 20 | 20 | 20 | 21 | 21 |
Total cloud cover (octa) | 4 | 5 | 5 | 6 | 5 |
Relative humidity (%) Max | 81 | 79 | 78 | 78 | 74 |
Relative humidity (%) Min | 61 | 54 | 56 | 60 | 58 |
Wind speed (Km/hr) | 4 | 6 | 6 | 5 | 4 |
Wind Direction (Degrees) | 290 | 270 | 270 | 260 | 230 |

Agromet Advisory:

Agriculture crop
1. Undertake intercultural operation to control the weeds and to increase the moisture availability to crops.
2. spray 2% potassium chloride for drought affected crops sown under double cropping system or early sown long duration crop.

Crops suggested for August months (Eastern Dry Zone)
- Ragi: Indaf-9, Indaf-5, GPU-26,28,45,48 and 66.
- Sunflower: Morden, KBSH-1, KBSH-41, KBSH-42, KBSH-44 and KBSH-53.
- Maize: Deccan-103, Vijaya composite and Ganga-11
- Cowpea: TVX-944, KBC-1, C-152, KM-5 and PKB-4 (vegetable purpose)

Redgram, Groundnut
- 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.