AGROMET-ADVISORY BULLETIN  
Date: 26.07.2016

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Ramanagara district

Weather forecast (Valid from 27th July to 31st July 2016)

Forecast summary:
Light to medium rainfall forecasted during next 5 days. The Maximum temperature ranges from 26.0-29.0°C and Minimum of 20.0-21.0°C. Relative 91-93 % during morning hrs and 62-70 % during noon is expected. Wind speed is expected 8-13 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>
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</thead>
<tbody>
<tr>
<td>Bangalore (U)</td>
<td>Ragi, Redgram</td>
<td>Grape, Mango</td>
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<td>S,G, EV</td>
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<td>S,G, EV</td>
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Agromet Advisory:

Kharif crops
- Drain out excess rainwater in crop fields.
- Apply the recommended top dress fertilizer to Redgram and Maize crops.
- Wind speed is high; provide protection for tomato and other vegetables through staking are important.
- Undertake interculture operation to control the weeds and to increase the moisture availability to crops. Interculture operation creates a soil mulch thereby conserving the soil moisture to the advantage of crop plants.
- Wherever, the long & medium duration crops like Redgram Castor and Maize has been sown, undertake earthing up operation in addition to the above agronomic measures. Earthing up makes a better availability of soil moisture to the crop rows through conversion of the land into ridges and furrow system.
- 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.
- Recommended for medium to short duration crops like ragi (Indaf-5, 9, MR-6, GPU-...
28, 48, ML-365), maize (Ganga, Deccan, Vijaya composite and Composite NAC), groundnut (JL-24, KCG-2, GBBD-4), Seed treatment with Rhizobium 2.5 kg/ha and PSB 2.5 kg/ha · Fertilizer dosage per hectare 25kg N (55 kg urea), 50 kg P (313 kg SSP), 25 kg K (42 kg Potassium Sulphate), 25 kg Zinc Sulphate and 25 kg Ferrous sulphate. · Spacing followed is 30cm (Row) x 10 cm (Plant). cowpea (C-152, KM-5 and PKB-4 for vegetable purpose) and greengram (PS-16, PDM-84 & 178.

Animal Husbandry

➢ Proper ventilation should be maintained for free circulation of air in the sheds.
➢ Vaccinate the cow against the Foot and Mouth Disease (FMD) & Black Quarter.

Station Nodal Officer
UAS, GKVK

20th July 2016

Karnataka

Soil Moisture Index

- < 20 (Dry)
- 20 - 40 (Moderately Dry)
- 40 - 60 (Mildly dry)
- 60 - 80 (Moderately Wet)
- > 80 (Severely Wet)

Severely wet condition of soil moisture is observed in Costal and South Interior Karnataka, rest of the state shows moderate wet condition.