UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
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AGROMET-ADVISORY BULLETIN

Date: 21.06.2016

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Ramanagara district

Weather forecast (Valid from 22nd June to 26th June 2016)

Forecast summary:

Light to medium rainfall forecasted during next 5 days. The Maximum temperature ranges from 27.0-28.0°C and Minimum of 19.0-20.0°C. Relative 87-91% during morning hrs and 67-76% during noon is expected. Wind speed is expected 4-8 km/hr.

Weather Based Agro Advisories

Crop information and Crop Stages of the major Kharif/Rabi crops

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<th>District</th>
<th>Kharif crops</th>
<th>Horticulture crops</th>
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<td>Bangalore (U)</td>
<td>Ragi</td>
<td>Redgram</td>
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Agromet Advisory:

Where ever sufficient rainfall received, farmers are advised to go for sowing of

**Redgram** with suitable varieties of TTB-7, BRG-1 and Hyd-3c @15kg/ha and treat the seeds with *rhizobium* culture @ 500gm/ha before sowing. Sow the seeds with spacing of 60 cm x 23 cm.

**Groundnut** : Bunch type of varieties, JL-24 and TMV-2 (Use 125 kg seeds/ha (i.e 50 kg seeds per acre) · 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) · Pre-emergent application of herbicide Atrazine 50 WP @ 1 kg /ha in 1000 ltr (i.e.2 gram of atrazine in 1 ltr of water) immediately after the sowing or within 48 hours of sowing.

The following crops are suggested for sowing.

**Under monocropping the long duration crops:**

Redgram : TTB-7, BRG-1,2,4&5
Castor: DCS-9 (Jyothi), DCH-177&32

**Under double cropping the short duration crops:**

Ragi : Indaf -9, ML-365  Seasamum : Navile-1, T-7
Groundnut : TMV-2, JL-24, KCG-6
### General advisory
- Before sowing take up land preparation and strengthen the bund which will facilitate conservation of rainwater of pre-monsoon showers.
- FYM and tank silt application in field.
- Tank silt application will improve the soil texture and soil fertility.
- Ploughing across the slope will make insitu soil moisture conservation
- Take up land leveling so that more rain water is conserved in the soil.

### Horticulture crop
- Taken up deep plough to expose the soil to kill the different stages of insect.
- Advised to harvesting of mango fruits as early because of continuous rainfall fruit fly incidence is more.
- Take up harvesting without dropping fruit on the soil to avoid the damage.
- Management of fruit fly in mango orchard, hanging the 10 pheromone traps /ha (100 ml insecticide) 1 liter of water contain 1 ml Methyl Eugenol & 4 gram Carbaryl

### Animal Husbandry
- Proper ventilation should be maintained for free circulation of air in the sheds.
- Keep the cattle shed clean.

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**15 June 2016**

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**Karnataka**

**Soil Moisture Index**

- Red: < 20 (Dry)
- Orange: 20 - 40 (Moderately Dry)
- Yellow: 40 - 60 (Mildly dry)
- Green: 60 - 80 (Moderately Wet)
- Blue: > 80 (Severely Wet)

Severely wet condition of soil moisture is observed over entire state of Karnataka except few district in east shows moderate wet condition.