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GRICULTURAL SCIENCE, BENGALURU
) AGROMET ADVISORY SERVICES

# AGROMET ADVISORY BULLETIN

Date: 13.09.2013

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

## The forecast is valid for Kolar district

## Weather forecast (Valid from 14th to 18th September 2013)

| Parameters | 14.09.13 | 15.09.13 | 16.09.13 | 17.09.13 | 18.09.13 |
|---|---|---|---|---|---|
| Rainfall (mm) | 18 | 16 | 28 | 17 | 8 |
| Max Temp Trend ( °C) | 28 | 29 | 29 | 27 | 28 |
| Min Temp Trend ( °C) | 20 | 20 | 19 | 20 | 20 |
| Total cloud cover (octa) | 6 | 6 | 7 | 8 | 8 |
| Relative humidity (%)Max | 93 | 92 | 94 | 92 | 91 |
| Relative humidity (%)Min | 83 | 82 | 80 | 81 | 80 |
| Wind speed(Km/hr) | 4 | 5 | 4 | 5 | 5 |
| Wind Direction (Degrees) | 270 | 280 | 270 | 260 | 260 |

**Forecast summary:**

**Next few days light to medium rains are expected and maximum temperature ranges 27.0-29.0°C and Minimum will be 19-20.0°C, with cloud cover 6-8 octa. Relative humidity is around 91-94 % during morning hrs and 80-83 % during noon is forecasted. Wind speed is expecting to be 4-5 km/hr.**

## Districts and taulks under Eastern dry zone

| Kolar dist. |
|---|
| Bangarapet |
| Kolar |
| Malur |
| Mulabagalu, Srinivasapura |

## Weather Based Agro Advisories

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

| District | *Kharif crops* | | | | *Horticulture crops* | |
|---|---|---|---|---|---|---|
| Kolar | Ragi | Fodder Maize | Redgram | Ground nut | Grape | Mango |
| | S, T,HE | VG, CI | VG | F ,PI,PF | - | - |

**G**: Germination, **S**: Sowing, **EV**: Early vegetative, **VG**: Vegetative growth, TR: Tranplanting, **PI**: Peg initiation, **FLI**: Flag leaf initiation, **F:** Flowering, **PF**: Pod formation, **PM**: Pod Maturity, T: Tillering, Tr : Transplanting **B**: Branching, **FD**: Fruit Development, **H**: Harvesting, **M**: Maturation, **R**: Ripening. **CI**: Cob initiation **F& FS:** Flowering to fruit setting, HE: Head emergence, **MS :** Milking stage,

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**Agromet Advisory:**

| and ase | Agro advisories |
|---|---|

Agriculture crop

| | |
|---|---|
| **operation** | tend thinning, gap filling, weeding and inter cultural operations.<br>➢ To control of leaf blast in Ragi to spray Bavistin 1g/litre of water.<br>➢ Sowing of short duration pulse crops like black gram (Rashmi), Cowpea (TVX-944), Field bean (H.A-3, 4) and Horse gram (KBH-1 and PHG-9).<br>➢ **Groundnut and Redgram** : Go for weeding and inter cultivation operations<br>➢ Sowing of fodder maize varieties recommended.<br>➢ Application of Gypsum @ 500 kg/ha in between the centre of groundnut rows.<br>➢ **Fodder Maize and Ragi**: Top dressing with Nitrogen (urea) is also suggested. |
| **Horticulture crops** | ➢ The farmers are advised to make soak pits/trenches for perennial horticulture crops near the base of the crops to conserve moisture. Ideal time opening of pits and filling of soil with FYM for planting of perennial horticulture crops. |

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**Station Nodal Officer**
**Dr. M. B. Rajegowda**
**Bengaluru**