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RICULTURAL SCIENCE, BENGALURU
AGROMET ADVISORY SERVICES

AGROMET-ADVISORY BULLETIN

Date: 12.07.2013

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Urban district

Summary of last Three Days Weather

During the above period, 17.4 mm rainfall was recorded at Bengaluru urban Centre. Maximum temperature was ranged from 26.0-29.4 °C and minimum temperature was 18.6-19.8°C. Average relative humidity was ranged from 88-93% during morning hours and 43-63% during after-noon hours. The average wind speed was range 4.9-5.9 km per hour.

Rainfall (mm)	**17.4**
Maximum temperature(^{0}C)	**26.0-29.4**
Minimum temperature (^{0}C)	**18.6-19.8**
Max RH (%)	**88-93**
Min RH (%)	**43-63**
Cloud cover	**2-4**
Wind Direction (Degrees)	**230**
Wind Speed (Km/Hr)	**4.9-5.9**

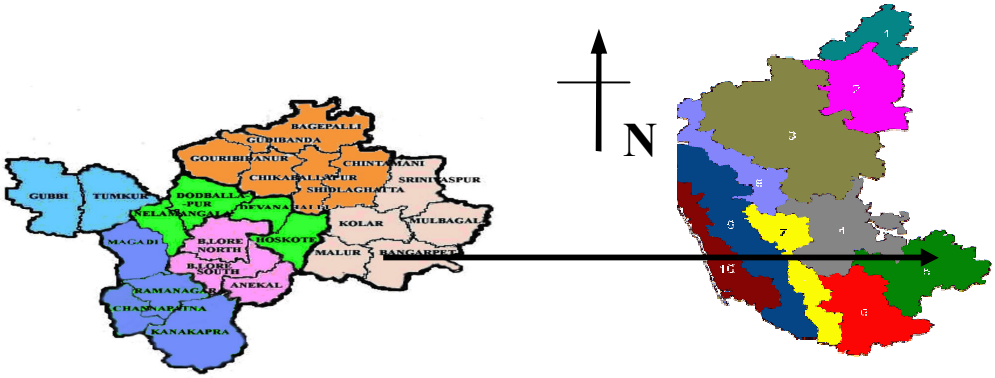
Weather forecast (Valid from 13rd to 17thJuly 2013)

Parameters	13.07.13	14.07.13	15.07.13	16.07.13	17.07.13
Rainfall (mm)	3	4	5	3	4
Max Temp Trend (deg ^{o}C)	28	29	27	27	27
Min Temp Trend (deg ^{o}C)	19	20	19	20	20
Total cloud cover (octa)	7	7	7	8	8
Relative humidity (%)Max	85	86	86	87	85
Relative humidity (%)Min	67	68	69	67	68
Wind speed(Km/hr)	6	7	8	7	6
Wind Direction (Degrees)	250	260	270	260	260

Forecast summary:

Next few days light rains are expected and maximum temperature ranges 27.0-29.0^{o}C and Minimum will be 19.0-20.0^{o}C, with cloud cover 7-8 octa. Relative Humidity is around 85-87% during morning hrs and 67-69 % during noon is forecasted. Wind speed is expecting to be 6-8 km/hr

Agroclimatic Location of Zone -5 (Eastern dry zone) and base map.



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taulks under Eastern dry zone

Bengaluru urban dist.
Anekal
Bengaluru South
Bengaluru North
Bengaluru East

Weather Based Agro Advisories

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

District	***Kharif crops***				***Horticulture crops***	
Bangalore (U)	**Redgram**	**Fodder Maize**	**Ragi**	**Ground nut**	**Grape**	**Mango**
	S,G	**S,G**	**S,G**	**-**	**-**	**-**

G: Germination, **S**: Sowing, **EV**: Early vegetative, **V**: Vegetative growth, **BM**: Boll maturity, **P**: Picking, **FLI**: Flag leaf initiation, **F:** Flowering, **PF**: Pod formation, **PM**: Pod Maturity, **CRI**: Crown root initiation, **T**: Tillering, Tr : Transplanting **B**: Branching, **FD**: Fruit Development, **H**: Harvesting, **LJI**: Late jointing Stage. **M**: Maturation, **R**: Ripening. **CI**: Cob initiation **F& FS:** Flowering to fruit setting, HE: Head emergence, **MS :** Milking stage, TR: Tranplanting

Agromet Advisory:

Crop	Stage/ Condition	Pest and Disease	Agro advisories
Agriculture crop			
General preparation for Kharif			➢ The farmers are advised to procure good quality of seeds from Agricultural University, Krishi Vigyan Kendras & Raitha Samparka Kendra & test the germination before sowing. ➢ Incorporate the farm yard manure to the soil and keep lands ready for sowing and level the land with spike tooth harrow (Halube).
Ragi			✓ Taken up sowing of Ragi long duration varieties by using seed cum fertilizer drill. ✓ Clean the drainages to drain the standing water.
Redgram			✓ If sufficient soil moisture take up sowing of Redgram varieties TTB-7, Hyd-3c, BRG-2 with a spacing of 60x22 cm and recommended fertilizer.
Rice			✓ If any protective irrigation advised go for aerobic rice cultivation by using varieties Mas -946-1, Mas-26 and BI-33(Anaga).

Station Nodal Officer
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Bengaluru