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RICULTURAL SCIENCE, BENGALURU
AGROMET ADVISORY SERVICES

AGROMET-ADVISORY BULLETIN

Date: 02.08.2013

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, 3.6 mm rainfall was recorded at Bengaluru urban Centre. Maximum temperature was ranged from 26.8-29.6 °C and minimum temperature was 19.0-20.0°C. Average relative humidity was ranged from 89-95% during morning hours and 48-59% during after-noon hours. The average wind speed was range 3.8-7.5 km per hour.

Rainfall (mm)	**3.6**
Maximum temperature(^{0}C)	**26.8-29.6**
Minimum temperature (^{0}C)	**19.0-20.0**
Max RH (%)	**89-95**
Min RH (%)	**48-59**
Cloud cover	**2-3**
Wind Direction (Degrees)	**230-270**
Wind Speed (Km/Hr)	**3.8-7.5**

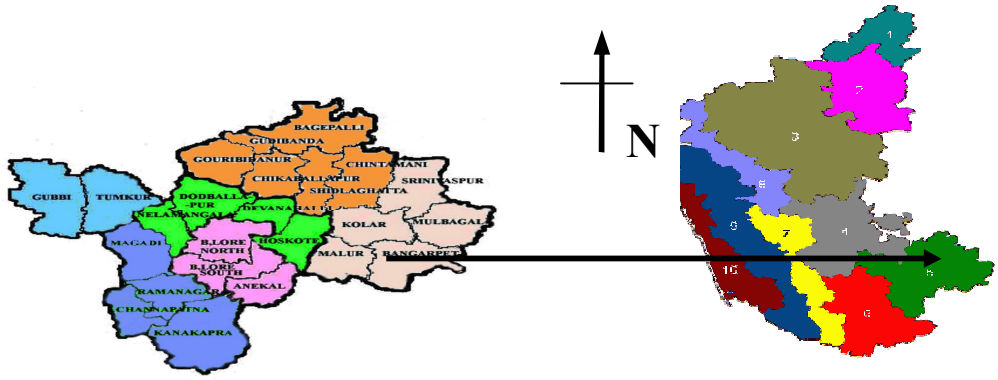
Weather forecast (Valid from 07th to 11th August 2013)

Parameters	07.08.13	08.08.13	09.08.13	10.08.13	11.08.13
Rainfall (mm)	3	3	5	4	3
Max Temp Trend (deg ^{o}C)	27	29	30	30	30
Min Temp Trend (deg ^{o}C)	19	19	19	20	20
Total cloud cover (octa)	7	5	6	6	8
Relative humidity (%)Max	90	89	87	89	90
Relative humidity (%)Min	60	51	50	53	51
Wind speed(Km/hr)	6	7	8	6	7
Wind Direction (Degrees)	260	270	280	290	300

Forecast summary:

Next few days light rains are expected and maximum temperature ranges 27.0-30.0^{o}C and Minimum will be 19.0-20.0^{o}C, with cloud cover 5-8 octa. Relative Humidity is around 87-90% during morning hrs and 50-60 % 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**
	VG	**VG**	**S,T**	**-**	**-**	**-**

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, **M**: Maturation, **R**: Ripening. **CI**: Cob initiation **F& FS:** Flowering to fruit setting, HE: Head emergence, **MS :** Milking stage, TR: Tranplanting, **VG**: Vegetative growth

Agromet Advisory:

Crop	Stage/ Condition	Pest and Disease	Agro advisories
Agriculture crop			
Sowing/cultural operation	➢ suggested varieties Indaf- 9 , G.P.U-26,45,48,66, PR-202 @5kg/ha seeds with spacing 25 cm x10cm sow the seeds by using combined seed cum fertilizer drill .Apply fertilizer @100:50:50 Kg/ha ➢ Attend thinning and weeding operations. ➢ **Ground nut** : Go for weeding and inter cultivation operations ➢ **Redgram:** advised for weeding and inter cultural operations.		
Horticulture crops	➢ The farmers are advised to make soak pit trenches for perennial horticulture crops near the base of the crops to conserve moisture.		

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Station Nodal Officer
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Bengaluru