UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
INTEGRATED AGROMET ADVISORY SERVICES

AGROMET-ADVISORY BULLETIN

Date: 26.08.2014

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Urban district

Weather forecast (Valid from to 27th to 31st August 2014)

Parameters	27.08.14	28.08.14	29.08.14	30.08.14	31.08.14
Rainfall (mm)	6	4	4	5	6
Max Temp Trend (deg °C)	27	28	27	28	29
Min Temp Trend (deg °C)	20	19	19	19	19
Total cloud cover (octa)	8	8	8	6	7
Relative humidity (%)Max	82	80	83	80	88
Relative humidity (%)Min	72	66	74	60	57
Wind speed(Km/hr)	6	6	4	5	4
Wind Direction (Degrees)	255	260	250	240	255

Forecast summary:

Light rains are expected during this week, Maximum temperature ranging from 27.0-29.0°C and Minimum of 19.0-20.0°C, with cloudy weather is expected in the next five days. Relative humidity 80-88% during morning hrs and 57-74 % during noon is expected. Wind speed is expected to be 4-6 km/hr.

Weather Based Agro Advisories

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

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

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,

Agromet Advisory:

Crop	Stage/ Condition	Pest and Disease	Agro advisories
Agriculture crop			
Sowing/cultural operation	Clean and repair the drainage channels collect the maximum run –off water in the farm ponds for the use in later part of the season **Ragi (Finger millet)** medium duration varieties Indaf-5, G.P.U-26, 45, 48, PR-202 @5kg/ha seeds with spacing 25 cm x10cm.Apply recommended NPK fertilizer. ➢ Conserve the soil moisture on field ➢ Attend thinning, gap filling, inter cultivation operation and weeding operations. ➢ **Redgram:** advised for inter cultivation and weeding operations		
Variety for late Kharif sowing	➢ Procure good quality of seeds in Raita Samparka Kendra (RSK), Agricultural University or Krishi Vigyan Kendra :- Cowpea : C-152, TVX-944, Field bean : HA-3, HA-4		
Horticulture	Take up the planting of the plantation crops like, coconut, sapota, guava and mango etc. Take up intercultural operations in the plantation crops.		
Animal Husbandry			
	➢ Maintain the optimum room temperature in Sericulture, Poultry and Dairy unit.		

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