UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
INTEGRATED AGROMET ADVISORY SERVICES

AGROMET-ADVISORY BULLETIN

Date: **03.09.2013**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Rural district.

Weather forecast (Valid from 04th to 08th September 2013)

Parameters	04.09.13	05.09.13	06.09.13	07.09.13	08.09.13
Rainfall (mm)	14	14	7	3	2
Max Temp Trend (deg °C)	30	29	29	29	29
Min Temp Trend (deg °C)	19	20	20	19	19
Total cloud cover (octa)	5	6	5	6	6
Relative humidity (%)Max	89	88	87	89	88
Relative humidity (%)Min	62	66	59	57	57
Wind speed(Km/hr)	4	5	5	4	5
Wind Direction (Degrees)	250	250	270	270	280

Forecast summary: Next few days light to medium rains are expected and maximum temperature ranges from 29.0-30.0°C and Minimum will be 19.0-20.0°C, with cloud cover 5-6 octa. Relative humidity is around 87-89 % during morning hrs and 57-66 % during noon is forecasted. Wind speed is expecting to be 4-5 km/hr.

Districts and taulks under Eastern dry zone

Bengaluru Rural dist.
Devanahalli
Doddaballapura
Hosakote
Nelamangala

Weather Based Agro Advisories
Crop information and Crop Stages of the major Kharif/Rabi crops

District	*Kharif crops*					*Horticulture crops*	
Bangalore (R)	Vegetables	Groundnut	Fodder Maize	Ragi	Redgram	Grape	Mango
	-	F ,PI,PF	VG, CI	S, T,HE	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, 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,

Agromet Advisory:

Crop	Stage/ Condition	Pest and Disease	Agro advisories
Agriculture crop			
Sowing/cultural operation	➢ suggested varieties G.P.U-26,45,48,66@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, gap filling,weeding and inter cultural operations. ➢ To control of leaf blast in Ragi to spray Bavistin 1g/litre of water. ➢ 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). ➢ **Groundnut and Redgram** : Go for weeding and inter cultivation operations ➢ Application of Gypsum @ 500 kg/ha in between the centre of groundnut rows. ➢ **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
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