UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
INTEGRATED AGROMET ADVISORY SERVICES

AGROMET-ADVISORY BULLETIN

Date: 27.05.2014

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Rural district.

Weather forecast (Valid from to 28th to 01st June 2014)

Parameters	28/05	29/05	30/05	31/05	01/06
Rainfall (mm)	21	8	18	3	7
Max Temp Trend (^{o}C)	33	34	34	33	32
Min Temp Trend (^{o}C)	23	23	23	24	24
Total cloud cover (octa)	6	5	6	5	3
Relative humidity (%)Max	87	81	84	88	86
Relative humidity (%)Min	44	45	41	47	40
Wind speed(Km/hr)	5	5	6	6	6
Wind Direction (Degrees)	230	250	260	260	260

Forecast summary:

Moderate to heavy rains are expected in this week, Maximum temperature ranging from 32.0-34.0^{o}C and Minimum of 23.0-24.0^{o}C, with cloud 3-6 okta are expected in next five days. Relative Humidity of around 81-88 % during morning hrs and 40-45 % during noon is forecasted. Wind speed is expected to be 5-6 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	*Summer crops*					*Horticulture crops*	
Bangalore (R)	Vegetables	Horsegram	Cowpea	Maize	Ragi	Grape	Mango
	-	-	-	-	-	-	FD& M,H

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 crops			
General preparation for Kharif	➢ **The farmers are procure good quality of seeds and fertilizers. Take up the germination test for Kharif sowing.** ➢ **Incorporate the farm yard manure on soil and lands are ready for sowing of seeds.** ➢ **Prepare the soil conservation structure like bund to drain out the excess run of water avoids soil erosion** ➢ **Pass the cultivator or kunte.**		
Horticulture crops			
Mango	➢ **Take up harvesting without dropping fruit on the soil to avoid the damage.** ➢ **Taken up summer plough to expose the soil to kill the different stages of insect.**		
Poultry And Animal husbandry	**FMD(Foot and Mouth Disease)** Vaccinate the affected cow with suitable vaccines Maintain the optimum room temperature in sericulture unit		

Station Nodal Officer
UAS GKVK
Bengaluru