UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
INTEGRATED AGROMET ADVISORY SERVICES

AGROMET-ADVISORY BULLETIN Date: 29.04.2014

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Rural district.

Weather forecast (Valid from to 30th April to 04th May 2014)

Parameters	30.04.14	01.05.14	02.05.14	03.05.14	04.05.14
Rainfall (mm)	4	0	0	4	4
Max Temp Trend (^{o}C)	36	36	37	37	36
Min Temp Trend (^{o}C)	24	24	24	24	23
Total cloud cover (octa)	6	4	3	2	2
Relative humidity (%)Max	62	70	68	68	70
Relative humidity (%)Min	34	30	34	34	30
Wind speed(Km/hr)	5	7	6	6	7
Wind Direction (Degrees)	200	215	200	170	160

Forecast summary:

Very light rains are expected in this week, Maximum temperature ranging from 36.0-37.0 ^{o}C and Minimum of 23.0-24.0^{o}C, with cloud cover 2-6 okta are expected in next five days. Relative Humidity of around 62-70% during morning hrs and 30-34 % during noon is forecasted. Wind speed is expected to be 5-7 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
	-	-	-	-	-	H	FD& M

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			
	Soil testing: This is best time for testing of soil nutrient **Fallow ploughing: farmers are recommended to plough the land in the areas where rainfall received and it should be taken up across the slope.**		
Seeds available	**Procure the seeds for next seasons** **Seeds available in ATIC centre and National Seed Project (NSP) ,GKVK, Bangalore** **Ragi :GPU- 28,MR -01, 02 and 06, KMR-301,** **Redgram : TTB -7, BRG -01, BRG- 02,HYD -3C**		
Horticulture crops			
Mango	**Nut weevil incidence: Farmers are advised to spray of Carbaryl WP@ 4 g/ lt of water** **Anthracnose: Spray Carbendazim @ 1 g/L or Confidor @ 0.5 ml/ lt of water**		
Poultry And Animal husbandry	**Advised to maintain optimum room temperature in Silkworm and poultry raring houses** **Care should be taken against the rapid increase in air temperature and decrease in relative humidity.** **Take up Foot and Mouth Vaccination**		

Station Nodal Officer
UAS GKVK
Bengaluru