UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
INTEGRATED AGROMET ADVISORY SERVICES

AGROMET-ADVISORY BULLETIN Date: 25.02.2014

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Urban district

Weather forecast (Valid from to 26th to 30th February 2014)

Parameters	26.02.14	27.02.14	28.02.14	29.02.14	30.02.14
Rainfall (mm)	0	0	0	1	1
Max Temp Trend (deg °C)	30	31	31	32	31
Min Temp Trend (deg °C)	19	18	17	17	19
Total cloud cover (octa)	2	2	2	5	4
Relative humidity (%)Max	73	75	79	74	74
Relative humidity (%)Min	38	37	32	32	37
Wind speed(Km/hr)	7	6	6	6	6
Wind Direction (Degrees)	120	140	160	160	180

Forecast summary:

Next few days very light rains are expected, Maximum temperature ranges form 30.0-32.0°C and Minimum will be 17.0-19.0°C, with cloud cover 2-5 okta. Relative humidity 73-79 % during morning hrs and 32-38 % during noon is forecasted. Wind speed is expected to be 6-7 km/hr.

Districts and 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	*Rabi crops*			*Horticulture crops*	
Bangalore (U)	Bengal gram	Cowpea	Maize	Grape	Mango
	H	-	M,H	FD,M	F&FS

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			
Bengal gram	Harvesting stage. This is the right time for harvesting Bengal gram in the field		
Maize	Maturity to Harvesting stage Congenial condition for cob borer infestation farmers are advised to spray Spinosad @1.0ml/litre of water or Indoxycarb @ 1.5 ml/litre of water.		
Horticulture crops			
Mango	Due to low temperature in morning hours congenial condition for attaching powdery mildew disease and leaf hopper pest on mango orchard, hence farmers are advised to control measure taken to spray of Carbaryl WP@ 4 g/ lt of water or Spray Carbendazim @ 1 g/L or Confidor @ 0.5 ml/ lt of water		
Grapes	Downy mildew. Control measure: Spray Dimethomarf @ 1 .5 ml/L or Ridomyl@ 2 g/L. In grape to control the sucking pest take spay of confidor@ 0.5ml/lt of water.		

Station Nodal Officer
Dr. M. B. Rajegowda
Bengaluru