UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
INTEGRATED AGROMET ADVISORY SERVICES

AGROMET-ADVISORY BULLETIN Date: **04.02.2014**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Rural district.

Weather forecast (Valid from to 05th to 9th February 2014)

Parameters	05.02.14	06.02.14	07.02.14	08.02.14	09.02.14
Rainfall (mm)	0	0	0	0	0
Max Temp Trend (°C)	31	30	31	31	31
Min Temp Trend (°C)	15	15	15	16	16
Total cloud cover (octa)	2	2	2	2	2
Relative humidity (%)Max	66	60	57	64	70
Relative humidity (%)Min	20	27	24	26	25
Wind speed(Km/hr)	6	5	7	7	5
Wind Direction (Degrees)	120	110	110	100	130

Forecast summary:

Next few days no rains are expected, maximum temperature ranging from 30.0-31.0°C and Minimum of 15.0-16.0°C, with cloud cover 2 okta are expected in next five days. Relative humidity of around 57-70 % during morning hrs and 20-27 % 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	*Rabi crops*					*Horticulture crops*	
Bangalore (R)	Vegetables	Horsegram	Cowpea	Avare	Bengal gram	Grape	Mango
	-	-	-	-	PM	FD, R	F

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			
Redgram	Harvesting stage Suggested for continuing harvesting of Redgram field.		
Ragi	Suggested for drying and storage of ragi crop in field.		
Horticulture crops			
Mango	Mango orchard noticed powdery mildew disease and leaf hopper pest, 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 @ 1.5 ml/ lt of water		
Grapes	Flowering to Fruit development stage Downy mildew disease noticed Control measure: Spray Ridomil @ 2 g/L or Tridemarf @ 0.5 ml/L.		
Animals ·	❖ Keep the cattle shed clean & warm. ❖ Vaccinate the dairy cow against the mastitis diseases.		

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Station Nodal Officer
Dr. M. B. Rajegowda
Bengaluru