UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
GRAMIN KRISHI MAUSAM SEWA(GKMS)

AGROMET-ADVISORY BULLETIN

Date: **12.02.2016**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Rural district.

Weather forecast (Valid from 13th to 17th February 2016)

Parameters	13.02.16	14.02.16	15.02.16	16.02.16	17.02.16
Rainfall (mm)	0	0	0	0	0
Max Temp Trend (^{o}C)	31	32	32	31	31
Min Temp Trend (^{o}C)	19	18	18	19	19
Total cloud cover (octa)	5	4	2	5	7
Relative humidity (%)Max	61	60	67	67	71
Relative humidity (%)Min	37	38	42	38	34
Wind speed(Km/hr)	0	0	2	0	4
Wind Direction (Degrees)	0	0	20	0	90

Forecast summary:

No rain forecasted during next 3 days. The Maximum temperature ranges from 31.0-32.0^{o}C and Minimum of 18.0-19.0^{o}C. Relative humidity 60-71 % during morning hrs and 37-42 % during noon is expected. Wind speed is expected to 0-4 km/hr.

Weather Based Agro Advisories

Crop information and Crop Stages of the major Kharif/Rabi crops

District	*Kharif crops*			*Horticulture crops*	
Groundnut	Groundnut	Redgram	Maize	Grape	Mango
	-	-	-	-	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,, Ts: Taselling, **E**: Ear head emergence, **GF**: Grain filling, **H**: Harvesting **IBI**: Inflorescence Bud initiation , **PP(V)**: Pod Picking Vegetable , **F& FS**: Flowering to fruit setting, **FD**: Fruit Development, **H:** Harvesting, **M**: Maturation,

Agromet Advisory:

Crop	Stage/ Condition	Pest and Disease	Agro advisories
Agriculture crop			
Redgram and Ragi	Advised for harvested crops threshing, winnowing, cleaning, drying and storage in dry gunny bag.		
Horticulture crop			
Mango	➢ Dry spell situation exists since two month, it is favorable for higher flowering and this weather also favorable for Powdery mildew diseases. ➢ Leaf hopper and Powdery mildew disease incidence is more during flowering and immediately after fruit formation to manage spraying of Carbaryl, 50WP @4g/litre of water or Imidachlorprid @ 0.3ml/ litre of water for management of leaf hopper. ➢ Spray Lamda Cyhalothrin 5EC@ 0.5 ml/ litre of water or sulphur dust (SULTAF) 80 W @3g/litre of water against the Powdery mildew diseases.		
Animal Husbandry			
	➢ Maintain the optimum room temperature in Sericulture, Poultry and Dairy unit.		

Station Nodal Officer
Bengaluru