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

AGROMET-ADVISORY BULLETIN

Date: 30.12.2016

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Rural district.

Weather forecast (Valid from 31st December 2016 to 04th January 2017)

Forecast summary:

Parameters	31.12.2016	01.01.2017	02.01.2017	03.01.2017	04.01.2017
Rainfall (mm)	0	0	0	0	0
Max Temp Trend (^{o}C)	28	28	29	29	29
Min Temp Trend (^{o}C)	14	14	14	15	15
Total cloud cover (octa)	3	2	3	3	2
Relative humidity (%)Max	91	89	95	95	85
Relative humidity (%)Min	38	34	42	44	31
Wind speed(Km/hr)	7	7	9	6	7
Wind Direction (Degrees)	80	70	100	80	90

No rainfall forecasted during next 5 days. The Maximum temperature ranges from 28.0-29.0^{o}C and Minimum temperature of 14.0-15.0^{o}C. Relative humidity 85-95 % during morning hrs and 31-44 % during noon is expected. Wind speed is expected 6-9 km/hr.

Weather Based Agro Advisories

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

District	*Kharif crops*			*Horticulture crops*	
Bengaluru (R)	Groundnut	Redgram	Maize	Grape	Mango
	-	H	-	-	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,, 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, **PD**: Pod development

Agromet Advisory:

Crop/ Component	Stage/ Condition	Pest and Disease	Agro advisories
Agriculture crop			
Sowing/cultural operation	➢ For the December month sowing, by Adopting the recommended crops and varieties suggested by agricultural university would help to obtain more yield.		
Redgram & Ragi	➢ Right time for harvesting of crops, cleaning, drying and storage of crops. ➢ If already harvested Ragi crop straw may be collected and stacked.		
Horticulture			
Mango	➢ Clear the weeds in Mango orchard/Guava/Sapota put it under the basin as mulch. ➢ Advised for spraying of sulphur dust @2g/litre of water for management of powdery mildew disease.		
Animal Husbandry			
	➢ Maintain the optimum room temperature in Sericulture, Poultry and Dairy unit. ➢ Keep cattle yard clean and dry, provide wind breaks.		

Station Nodal Officer
UAS, GKVK