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

AGROMET-ADVISORY BULLETIN

Date: **14.06.2016**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Rural district.

Weather forecast (Valid from 15th June to 19th June 2016)

Forecast summary:

Parameters	15.06.16	16.06.16	17.06.16	18.06.16	19.06.16
Rainfall (mm)	6	4	6	10	6
Max Temp Trend (^{o}C)	29	30	29	29	28
Min Temp Trend (^{o}C)	21	21	21	20	20
Total cloud cover (octa)	7	7	8	8	8
Relative humidity (%)Max	83	81	81	86	86
Relative humidity (%)Min	68	64	66	75	65
Wind speed(Km/hr)	6	6	10	8	8
Wind Direction (Degrees)	270	260	240	230	250

Light to medium rainfall forecasted during next 5 days. The Maximum temperature ranges from 28.0-31.0^{o}C and Minimum of 20.0-21.0^{o}C. Relative humidity 84-88 % during morning hrs and 68-79 % during noon is expected. Wind speed is expected to 4-8 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
	-	-	-	-	R,H

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			
	Next 2-3 days monsoon will active as per IMD forecasted, advised to farmers for sowing will continued based on soil moisture is sufficient. The following crops are suggested for sowing. **Under monocropping the long duration crops:** Redgram : TTB-7, BRG-1,2,4&5 Castor: DCS-9 (Jyothi), DCH-177&32 **Under double cropping the short duration crops:** Ragi : Indaf -9, ML-365 Seasamum : Navile-1, T-7 Groundnut : TMV-2, JL-24, KCG-6 Cowpea: TVX-944, KBC-1, Green gram: PS-16, PDM-84,178		
General advisory	➢ Before sowing take up land preparation and strengthen the bund which will facilitate conservation of rainwater of pre-monsoon showers. ➢ FYM and tank silt application in field. ➢ Tank silt application will improve the soil texture and soil fertility. ➢ Ploughing across the slope will make insitu soil moisture conservation ➢ Take up land leveling so that more rain water is conserved in the soil.		
Horticulture crop			
Mango	➢ Taken up deep plough to expose the soil to kill the different stages of insect. ➢ Advised to harvesting of mango fruits as early because of continuous rainfall fruit fly incidence is more. ➢ Take up harvesting without dropping fruit on the soil to avoid the damage.		
Animal Husbandry			
	➢ Proper ventilation should be maintained for free circulation of air in the sheds. ➢ Keep the cattle shed clean.		

Station Nodal Officer
Bengaluru