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

AGROMET ADVISORY BULLETIN

Date: 25.08.2015

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Kolar district
Weather forecast (Valid from 26th to 30th August 2015)

Parameters	26.08.15	27.08.15	28.08.15	29.08.15	30.08.15
Rainfall (mm)	0	2	3	3	0
Max Temp Trend (°C)	30	31	30	30	30
Min Temp Trend (°C)	21	21	21	21	19
Total cloud cover (octa)	3	5	4	5	6
Relative humidity (%)Max	76	75	75	73	78
Relative humidity (%)Min	54	51	54	59	54
Wind speed(Km/hr)	8	8	6	8	6
Wind Direction (Degrees)	320	230	270	320	300

Forecast summary:

Light rain forecasted during next 5 days. The Maximum temperature ranges from 30.0-31.0°C and Minimum of 19.0-21.0°C. Relative humidity 73-78 % during morning hrs and 51-59 % during noon is expected. Wind speed is expected to 6-8 km/hr.

Weather Based Agro Advisories
Crop information and Crop Stages of the major Kharif/Rabi crops

District	*Kharif crops*			*Horticulture crops*	
Bangalore (U)	**Groundnut**	**Redgram**	**Maize**	**Grape**	**Mango**
	EV,VG,F,PI	**EV,VG, Branching**	**S,G,EV,VG, Ts**	**-**	**-**

G: Germination, **S**: Sowing, **EV**: Early vegetative, **VG**: Vegetative growth, TR: Transplanting, **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			
General advisory	1. Undertake intercultural operation to control the weeds and to increase the moisture availability to crops. 2. spray 2% potassium chloride for drought affected crops sown under double cropping system or early sown long duration crop. **Crops suggested for August months (Eastern Dry Zone)** **Ragi**: Indaf-9, Indaf-5, GPU-26,28,45,48 and 66. **Sunflower**: Morden, KBSH-1, KBSH-41, KBSH-42, KBSH-44 and KBSH-53. **Maize**: Deccan-103, Vijaya composite and Ganga-11 **Cowpea**: TVX-944, KBC-1, C-152, KM-5 and PKB-4 (vegetable purpose)		
Redgram, Groundnut	➢ Undertake residue mulch by using the residues of weeds, gliricidia and other green manure crops grown on the bunds, borders and along the drainage lines. ➢ Wherever over population of crop plants is existing, undertake thinning operation for better availability of scarce soil moisture to the reduced population of crop plants.		

Station Nodal Officer
Bengaluru