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

AGROMET ADVISORY BULLETIN

Date: 28.04.2015

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Kolar district
Weather forecast (Valid from April 29th to 3rd May 2015)

Parameters	29.04.15	30.04.15	01.05.15	02.05.15	03.05.15
Rainfall (mm)	0	0	10	0	5
Max Temp Trend (°C)	32	33	32	33	32
Min Temp Trend (°C)	22	23	23	23	23
Total cloud cover (octa)	3	3	4	4	5
Relative humidity (%)Max	65	71	64	64	64
Relative humidity (%)Min	47	47	48	43	41
Wind speed(Km/hr)	4	4	4	5	5
Wind Direction (Degrees)	260	240	260	240	280

Forecast summary:

Light to medium rain forecasted during next 5 days. The Maximum temperature ranges from 32.0-33.0°C and Minimum of 22.0-23.0°C. Relative humidity 64-71% during morning hrs and 41-48 % during noon is expected. Wind speed is expected to 4-5 km/hr.

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

District	*Kharif crops*			*Horticulture crops*	
Bangalore (U)	Ragi	Redgram	Maize	Grape	Mango
	-	-	-	H	FD

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 crops			
Take up summer ploughing for making best use of unusual rainfall which helps in control of weeds, soil borne pest and disease. Soil testing: This is best time for testing of soil mineral content in crop lands which helps in deciding the required dosage of fertilizers for next sowing season.			
Horticulture crops			
Mango	Take up deep ploughing for better utilization of summer rain water and conserve the soil moisture in field which helps in control of weeds, soil borne pest and disease. Mango is in fruit development stage, fruit drop can be controlled by spraying of NAA (Naphthalene acetic acid) at 20ppm twice at an interval of 15 days. To control of Powdery Mildew and sucking pest Spray 4 gm Carbaryl + 1g Bavistin per liter of water.		
Animal husbandry	For milch animals regularly follow schedule of 1 kg feed + 50 g mineral mixture per 2 liters of milk yield. Feed animals with a mixture of green grass + hay + minerals + dry feed. Proper ventilation should be maintained for free circulation of air in the sheds.		

Station Nodal Officer:
UAS, GKVK, Bengaluru