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

AGROMET ADVISORY BULLETIN

Date: 10-04-2015

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Kolar district
Weather forecast (Valid from 11th to 15th April 2015)

Parameters	11.04.15	12.04.15	13.04.15	14.04.15	15.04.15
Rainfall (mm)	2	7	7	5	3
Max Temp Trend (°C)	34	34	33	33	33
Min Temp Trend (°C)	23	23	23	22	22
Total cloud cover (octa)	3	4	6	4	2
Relative humidity (%)Max	64	74	80	80	77
Relative humidity (%)Min	40	41	48	51	47
Wind speed(Km/hr)	5	4	4	6	4
Wind Direction (Degrees)	180	240	140	190	130

Forecast summary:

Light to medium rain forecasted during next 5 days. Temperature going to increase in coming days. Maximum temperature ranging from 33.0-34.0°C and Minimum of 22.0-23.0°C. Relative humidity 64-80 % during morning hrs and 40-51 % during noon is expected. Wind speed is expected to 4-6 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**
	-	-	-	**FD,M,H**	**F & FS,FD**

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 crops			
Soil testing: This is best time for testing of soil mineral content in crop lands and prepares required dosage of fertilizers for next sowing season. **Take up summer ploughing making best use of unusual rainfall which helps in control of weeds, soil borne pest and disease.**			
Cereals and Pulse	Avoid sun drying and cleaning of cereals and pulse crops due to cloudy weather and light rainfall forecast		
Horticulture crops			
Mango	**Due to low temperature in morning hours congenial condition for attaking powdery mildew disease and leaf hopper pest on mango orchard. Hence farmers are advised to take up control measure by spraying of Dinocoph @ 0.5 ml/ lt of water or Spray Profeneb @ 2 g/L or Imidachlorprid 17.8 SL @ 0.3 ml/ L of water**		
Animal husbandry	**Provide shade to milch animals for increasing temperature day by day and decreasing relative humidity.** **Sprinkle water in milch animal for reducing body heat due to excess temperature.**		

Station Nodal Officer:
UAS, GKVK, Bengaluru