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

AGROMET-ADVISORY BULLETIN

Date: **31.03.2017**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Chikkaballapur district

Weather forecast (Valid from 01st to 05th April 2017)

Parameters	01.04.17	02.04.17	03.04.17	04.04.17	05.04.17
Rainfall (mm)	0	0	0	0	0
Max Temp Trend (^{o}C)	36	36	36	37	37
Min Temp Trend (^{o}C)	21	21	22	22	23
Total cloud cover (octa)	1	4	2	2	3
Relative humidity (%)Max	63	64	56	66	67
Relative humidity (%)Min	16	16	19	22	25
Wind speed(Km/hr)	8	8	8	8	8
Wind Direction (Degrees)	220	230	250	220	210

Forecast summary:

No rain forecasted during next 5 days. The Maximum temperature ranges from 36.0-37.0^{o}C and Minimum of 21.0 to 23.0^{o}C. Relative humidity 56-67 % during morning hrs and 16-25 % during noon is expected. Wind speed is expected 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)	Ragi	Redgram	Maize	Grape	Mango
	-	-	-	-	**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 crop			
Grains-Storage	❖ The grains of the harvested crops should be properly dried by retaining moisture percentage of Cereals 11-12 %, Pulses-9%, Oilseeds-8 and Vegetable seeds 5-6% for long storage & also minimizes the store pest damage.		
Horticulture crop			
	❖ Drip irrigation beneath the plastic mulch is recommended for raising for cultivation of vegetables and fruit like papaya etc.		
Mango	❖ Due to continuous dry spell since August mango fruit drop is observed due to lack of soil moisture in soil profile, wherever possible drip irrigation recommended to improve the fruit set, size and quality.		
Animals	Livestock management during summer: ❖ Apply 4-6 inch thick hay thatch as a roofing material. Water can be used for spraying the floor and roof of shelter ❖ periodically during peak hot hours which lowers the temperature and consequently reduces the heat load on animals ❖ Proper ventilation should be maintained for free circulation of air in the sheds ❖ Clean drinking water be provided to animals and water troughs should be regularly cleaned		

Station Nodal Officer
Bengaluru