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

AGROMET-ADVISORY BULLETIN

Date: **17.03.2015**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Chikkaballapur district

Weather forecast (Valid from 18th March to 22th March 2015)

Parameters	18.03.15	19.03.15	20.03.15	21.03.15	22.03.15
Rainfall (mm)	0	0	0	0	0
Max Temp Trend (^{o}C)	35	34	34	34	34
Min Temp Trend (^{o}C)	21	22	22	21	21
Total cloud cover (octa)	4	0	6	1	0
Relative humidity (%)Max	56	53	58	57	56
Relative humidity (%)Min	20	24	25	27	28
Wind speed(Km/hr)	8	10	8	10	9
Wind Direction (Degrees)	180	180	150	135	170

Forecast summary:

In theire is no chances of rain during next 5 days according to the forecast, Temperature going to increase in cuming days. Maximum temperature ranging from 34.0-35.0^{o}C and Minimum of 21.0-22.0^{o}C. Relative humidity 53-58 % during morning hrs and 20-28 % during noon is expected. Wind speed is expected to 8-10 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,M,H	F & FS

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			
Take up summer ploughing making best use of unusual rainfall which help 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	**Looking into the weather condition 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 Carbaryl WP@ 4 g/ lt of water or Spray Carbendazim @ 1 g/L or Confidor @ 0.5 ml/ L of water**		
Grapes	**Looking into the weather condition due to low temperature in the morning hours it is congenial for occurrence of powdery mildew. Control measure: Spray Carbendazim @ 1 g/L or Tridemorph @ 0.5 ml/L. In grape to control the sucking pest take spay of confidor@ 0.5ml/ L of water.**		

Station Nodal Officer:
UAS, GKVK, Bengaluru