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

AGROMET ADVISORY BULLETIN

Date: 20.10.2015

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Kolar district

Weather forecast (Valid from 21st to 25th October 2015)

Parameters	21.10.15	22.10.15	23.10.15	24.10.15	25.10.15
Rainfall (mm)	0	0	0	0	0
Max Temp Trend (^{o}C)	31	31	32	31	31
Min Temp Trend (^{o}C)	19	20	19	19	19
Total cloud cover (octa)	2	2	2	1	1
Relative humidity (%)Max	71	68	72	71	71
Relative humidity (%)Min	51	54	53	53	52
Wind speed(Km/hr)	2	2	2	2	2
Wind Direction (Degrees)	140	90	230	90	140

Forecast summary:

No rain forecasted during next 5 days. The Maximum temperature ranges from 31.0-32.0^{o}C and Minimum of 19.0-20.0^{o}C. Relative humidity 68-72 % during morning hrs 51-53 % during noon is expected. Wind speed is expected to 2 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
	PI,M	F, PF	VG	-	-

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/Crop advisory	1. Inter-cultivation operations like weeding, hoeing need to be carried out in already sown crops. 2. Spraying of fungicide & pesticide (need based) if the incidence of pest and diseases exceeds threshold level of crops. As a precautionary measure to control tikka disease for groundnut spray Bavistin @ 0.5 gm/litre of water. For leaf roller pest spray Quinalphos @ 2ml/litre of water. Drench Carbendazim @ 1.0 gm/liter of water to control of wilt in redgram. 3. The farmers are advised to make crescent bund/basins for perennial horticulture crops below the canopy to conserve moisture. 4. Apply recommended top dress fertilizer ragi crop field. ➢ Recommended to take up very short duration crops like cowpea, horsegram, sunflower, niger, with protective irrigation at the maturity stage. After the harvest of paddy, short duration pulses like bengal gram can be taken up in paddy fallows. ➢ During this week also the following crops are suggested for sowing of medium to short duration varieties, provided protective irrigation at the maturity stage. **Finger millet** - Indaf-7, Indaf-9, Indaf-15, ML-365 **Maize** – Deccan-103, Vijaya composite, NAH-1137 and Ganga-11, **Sunflower**: Morden, KBSH-1, KBSH-41, KBSH-42, KBSH-44 and KBSH-53. **Bengal gram:** JJ-11, KAK-2 and Vishal **Field bean**: HA-3 and HA-4 **Horse gram:** KBH-1 and PHG-9 **Niger:** KBN-1 **Black gram:** Rashmi		

Station Nodal Office
Bengaluru