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

AGROMET-ADVISORY BULLETIN

Date: **08.07.2016**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Urban district

Weather forecast (Valid from 09th July to 13th July 2016)

Forecast summary:

Parameters	09.07.16	10.07.16	11.07.16	12.07.16	13.07.16
Rainfall (mm)	2	2	3	2	2
Max Temp Trend (deg °C)	27	28	28	29	29
Min Temp Trend (deg °C)	20	20	20	20	20
Total cloud cover (octa)	6	8	7	7	7
Relative humidity (%)Max	87	85	88	81	86
Relative humidity (%)Min	65	70	71	68	71
Wind speed(Km/hr)	10	8	8	10	8
Wind Direction (Degrees)	270	230	260	270	270

Light rainfall forecasted during next 5 days. The Maximum temperature ranges from 27.0-29.0°C and Minimum of 20.0°C. Relative Humidity 81-87% during morning 65-71 % 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)	**Groundnut**	**Redgram**	**Maize**	**Grape**	**Mango**
	S,G	**S,G, EV**	**S,G, EV**	**-**	**H**

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:

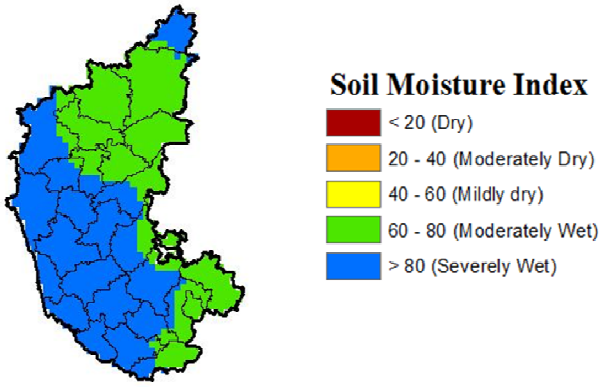
Crop	Stage/ Condition	Pest and Disease	Agro advisories
Agriculture crop			
Kharif crops & General advisory	There is an Extended Range Weather forecast (ERWF) of dry spell for next 15 days. ➢ Postpone sowing operation until soaking/sufficient rainfall received. ➢ Undertake interculture operation to control the weeds and to increase the moisture availability to crops. Interculture operation creates a soil mulch thereby conserving the soil moisture to the advantage of crop plants. ➢ Wherever, the long duration crops like Redgram, and Castor has been sown, undertake earthing up operation in addition to the above agronomic measures. Earthing up makes a better availability of soil moisture to the crop rows through conversion of the land into ridges and furrow system. ➢ Wherever over population of crop plants is existing, undertake thinning operation for better availability of scarce soil moisture to the reduced population of crop plants. ➢ Recommended for medium to short duration crops like ragi (Indaf-5, 9, MR-6, GPU-28, 48, ML-365), maize (Ganga, Deccan, Vijaya composite and Composite NAC), groundnut (JL-24, KCG-2, GBBD-4), cowpea (C-152, KM-5 and PKB-4 for		

	vegetable purpose) and greengram (PS-16, PDM-84 & 178. ➢ Make use of farm pond water and this may be used for protective irrigation during the prevailing dry spell.
Animal Husbandry	
	➢ Proper ventilation should be maintained for free circulation of air in the sheds. ➢ Keep the cattle shed clean.

Station Nodal Officer
UAS, GKVK

6th July 2016

Karnataka



Severely wet condition of soil moisture is observed in entire state of Karnataka, except few in north and South-east shows moderate wet condition.