UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
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AGROMET ADVISORY BULLETIN

Date: 18.10.2016

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Kolar district

Weather forecast (Valid from 19th to 23rd October 2016)

Parameters	19.10.16	20.10.16	21.10.16	22.10.16	23.10.16
Rainfall (mm)	0	0	0	0	0
Max Temp Trend (°C)	31	31	31	31	31
Min Temp Trend (°C)	18	18	18	18	18
Total cloud cover (octa)	3	5	2	4	2
Relative humidity (%)Max	67	70	69	79	85
Relative humidity (%)Min	43	40	38	37	39
Wind speed(Km/hr)	6	5	3	4	5
Wind Direction (Degrees)	330	310	160	140	140

Forecast summary:

No rainfall forecasted during next 5 days. The Maximum temperature ranges from 31.0°C and Minimum of 18.0°C. Relative humidity 67-85 % during morning 37-43 % during noon is expected. Wind speed is expected to 3-6 km/hr.

Weather Based Agro Advisories

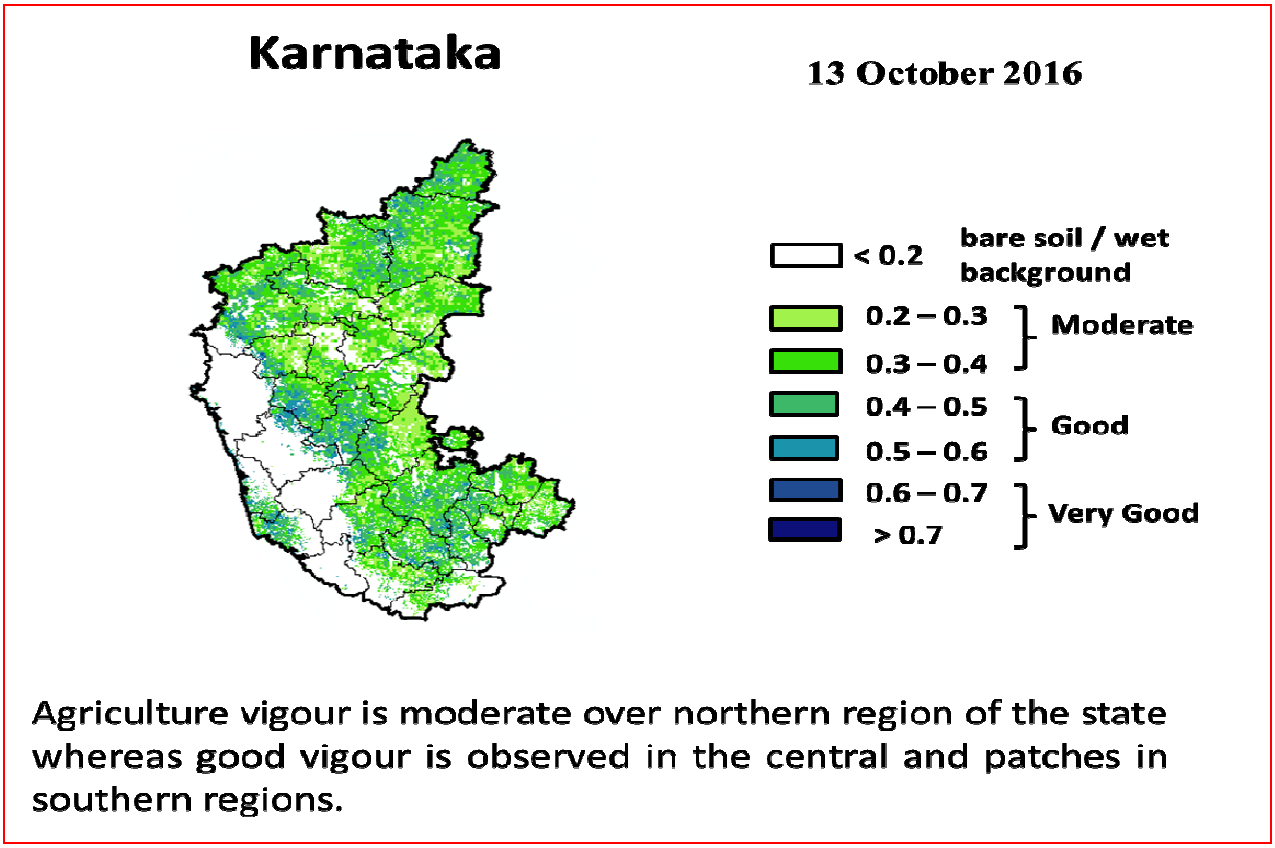
Crop information and Crop Stages of the major Kharif/Rabi crops

District	*Kharif crops*			*Horticulture crops*	
Kolar	Groundnut	Redgram	Maize	Grape	Mango
	PD,M,H	PF,PD	Ts,M,H	-	-

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/ Component	Stage/ Condition	Pest and Disease	Agro advisories
Agriculture crop			
General	➢ Delayed sowing of short duration crops such as cowpea (KBC-1, 2), field bean (Hebbal avare-3,4). Sunflower: Morden, KBSH-1,41,44 & 52 and Niger: KBN-1, No-71.		
Ragi	➢ Top dress Nitrogen @ 12.5 kg/ha immediately after rain received. ➢ Use short duration Ragi varieties like GPU 26,45, 48 and Indaf 7,9 & 15 for sowing when rain received. ➢ If ragi blast disease noticed, spray Mancozeb @ 2 gram/litre(100 gram/acre) or Zainab @2.5 gram/litre(500 gram/acre)		
Maize	➢ Top dress Nitrogen @ 25 kg/ha immediately after rain received. ➢ To control Cob borer spray Melathion 50 EC @ 2ml/litre (500 ml/acre) ➢ To control stem borer in Maize Spray Quinolphos-25 EC @ 2ml/liter of water or Chlorophyriphos -20 EC @ 2ml/liter of water.		
Redgram	➢ If pod borer noticed, spray Indoxycarb 14.5 SC @ 0.5 ml/litre or Spynosad 45 SC @ 0.15 ml/litre or Chloropyrifos 20 EC @ 2ml/litre. ➢ If Wilt diseases noticed in field –Drenching Carbendazim 50 WP 2 g/litre of water. ➢ Remove and burn the wilt infected plant in field.		
Groundnut	➢ To control of Tikka disease, spray Carbendazim 1 g/litre (200 gram/acre) .		
Animal Husbandry			

Cattle	➢ Proper ventilation should be maintained for free circulation of air in the sheds. ➢ For milch animals regularly follow schedule of 1 kg feed + 50 g mineral mixture per 2 litres of milk yield. Feed animals with a mixture of green grass + hay + minerals + dry feed

Station Nodal Officer
UAS, GKVK