UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
INTEGRATED AGROMET ADVISORY SERVICES

AGROMET ADVISORY BULLETIN

Date: 26-08-2014

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Kolar district

Weather forecast (Valid from to 27th to 31st August 2014)

Parameters	27.08.14	28.08.14	29.08.14	30.08.14	31.08.14
Rainfall (mm)	4	5	3	5	6
Max Temp Trend (°C)	31	30	29	30	29
Min Temp Trend (°C)	20	21	21	20	20
Total cloud cover (octa)	8	8	8	6	8
Relative humidity (%)Max	88	89	92	87	85
Relative humidity (%)Min	59	66	73	57	54
Wind speed(Km/hr)	9	9	6	5	6
Wind Direction (Degrees)	260	265	255	240	250

Forecast summary:

Next few days light rains are expected, maximum temperature ranges from 29.0-31.0°C and Minimum will be 20.0-21.0°C, with cloud cover 6-8 okta. Relative humidity of around 85-92 % during morning hrs and 54-73 % during noon is forecasted. Wind speed is expected to be 5-9 km/hr.

Weather Based Agro Advisories

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

District	*Kharif crops*				*Horticulture crops*	
Kolar	Redgram	Maize	Ragi	Groundnut	Grape	Mango
	VG	VG	S,G,VG	VG,F,PI	-	-

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,

Agromet Advisory:

Crop	Stage/ Condition	Pest and Disease	Agro advisories
Agriculture crop			
Sowing/cultural operation	Clean and repair the drainage channels collect the maximum run –off water in the farm ponds for the use in later part of the season **Ragi (Finger millet)** medium duration varieties Indaf-5, G.P.U-26, 45, 48, PR-202 @5kg/ha seeds with spacing 25 cm x10cm.Apply recommended NPK fertilizer. ➢ Conserve the soil moisture on field ➢ Attend thinning, gap filling, inter cultivation operation and weeding operations. ➢ **Redgram:** advised for inter cultivation and weeding operations		
Variety for late Kharif sowing	➢ Procure good quality of seeds in Raita Samparka Kendra (RSK), Agricultural University or Krishi Vigyan Kendra :- Cowpea : C-152, TVX-944, Field bean : HA-3, HA-4		
Horticulture	Take up the planting of the plantation crops like, coconut, sapota, guava and mango etc. Take up intercultural operations in the plantation crops.		
Animal Husbandry			
	➢ Maintain the optimum room temperature in Sericulture, Poultry and Dairy unit.		

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