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GRICULTURAL SCIENCE, BENGALURU
AGROMET ADVISORY SERVICES

AGROMET-ADVISORY BULLETIN

Date: **27.12.2013**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru Rural district.

Weather forecast (Valid from to 28th December 2013 to 01st January 2014)

Parameters	28.12.13	29.12.13	30.12.13	31.12.13	01.01.14
Rainfall (mm)	0	0	0	0	0
Max Temp Trend (^{o}C)	27	28	27	27	28
Min Temp Trend (^{o}C)	13	14	13	14	13
Total cloud cover (octa)	3	2	2	2	3
Relative humidity (%)Max	77	74	76	74	73
Relative humidity (%)Min	45	42	40	37	48
Wind speed(Km/hr)	6	7	7	10	11
Wind Direction (Degrees)	120	110	100	90	90

Forecast summary:

Next few days no rains are expected, maximum temperature ranging from 27.0-28.0^{o}C and Minimum of 13.0-14.0^{o}C, with cloud cover 2-3 okta are expected in next five days. Relative humidity of around 73-77 % during morning hrs and 37-48% during noon is forecasted. Wind speed is expected to be 6-11 km/hr.

Districts and taulks under Eastern dry zone

Bengaluru Rural dist.
Devanahalli
Doddaballapura
Hosakote
Nelamangala

Weather Based Agro Advisories
Crop information and Crop Stages of the major Kharif/Rabi crops

District	*Kharif crops*					*Horticulture crops*	
Bangalore (R)	Vegetables	Groundnut	Fodder Maize	Ragi	Redgram	Grape	Mango
	-	H	H	H	F,PF,M,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, Tr : Transplanting **B**: Branching, **FD**: Fruit Development, **H**: Harvesting, **M**: Maturation, **R**: Ripening. **CI**: Cob initiation **F& FS:** Flowering to fruit setting, **HE:** Head emergence, **MS :** Milking stage,

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Agromet Advisory:

	Condition and Disease	Agro advisories
Agriculture crops		
Ragi	This is the right time for harvesting, drying and threshing of ragi crop in field.	
Redgram	Pod filling stage In Redgram spray of pesticide Methomil 40 S.P 2.0gm/litre for control of leaf Webber/ folders and for the control of wilt, drench with Carbendazim 2gm/ litre. -Suggested for harvesting of ripened Redgram pods .	
Groundnut	This is the right time for harvesting and drying of groundnut	
Horticulture crops		
Grapes	Due low temperature and high humidity (RH) is observed in the morning hours. This is congenial condition for the occurrence of powdery mildew. Control measure: Spray Carbendazim @ 1 g/L or Tridemarf @ 0.5 ml/L.	
Animals	❖ It is the right time for de -worming of animal. ❖ Keep the cattle shed clean & warm. ❖ For maintenance of healthy milch animal provide a mineral mixture along with concentrated feeds.	

Station Nodal Officer
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Bengaluru