UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
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AMFU OF IMD, BENGALURU

AGROMET-ADVISORY BULLETIN

Date: **17.11.2017**

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Chikkaballapur district

Weather forecast (Valid from 18th to 22nd November 2017)

Parameters	18.11.17	19.11.17	20.11.17	21.11.17	22.11.17
Rainfall (mm)	3	3	5	5	3
Max Temp Trend (^{o}C)	30	31	31	31	30
Min Temp Trend (^{o}C)	20	20	20	19	19
Total cloud cover (octa)	4	3	3	4	3
Relative humidity (%)Max	95	94	93	92	91
Relative humidity (%)Min	57	56	55	54	50
Wind speed(Km/hr)	7	8	7	7	5
Wind Direction (Degrees)	140	150	140	140	120

Forecast summary:

Light rain forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 30.0-31.0^{o}C and Minimum of 19.0-20.0^{o}C. Relative humidity 91-95 % during morning hrs and 50-57% during noon is expected. Wind speed is 5-8 km/hr.

Weather Based Agro Advisories

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

District	*Kharif crops*			*Horticulture crops*	
Bangalore (U)	Ragi	Redgram	Maize	Grape	Mango
	-	PF,M	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,, 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, B: Branching

Agromet Advisory:

Crop		Stage/ Condition	Pest and Disease	Agro advisories
Agriculture crop				
Rabi crops	➢ Vishaka rainstar starts from November 6th and remains upto November 19th. The normal rainfall of Vishaka rainstar is 25.9 mm. Anuradha rainstar starts from November 20th. ➢ Postpone harvesting, sun drying and winnowing of Kharif crop like Ragi, Maize and Groundnut next couple of days due to cloudy and light rainfall forecasted by IMD. ➢ Postpone the pruning methods in grapes crops due to light rainfall and cloudy weather ➢ Taking precautionary measure while harvesting of kharif crops due to light rainfall forecasted by IMD. ➢ Continue for sowing of Rabi crops is recommended . Redgram :Due to cloudy weather pod borer was noticed to control spray indoxycarb 14.5 SC @ 0.5 ml/litre or spynosad 45 SC @ 0.15 ml/litre or chloropyrifos 20 EC @ 2ml/litre.			
	➢ The following crops are suggested for Rabi crops sowing in this month ➢ Recommended for short duration crops like ragi (GPU- 45), KMR-301 cowpea (KBC-1, TVX-944 and PKB-4 for vegetable purpose) Sunflower: Morden, KBSH-1, 41, 44 & 52 and Niger: KBN-1, No-71. On black soils Bengal gram (Annigeri-1, J.J-11, KAK-2, Vishal) Field bean (Avare) : HA-1,3 and 4			
Animal Husbandry				
	➢ Maintain optimum room temperature in poultry and sericulture unit.			

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