UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
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AMFU OF IMD, BENGALURU

AGROMET-ADVISORY BULLETIN

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Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Bengaluru urban district.

Weather forecast (Valid from 29th November to 3rd December 2017)

Significant past weather for the preceding week

Parameter	24.11.17	2511.17	26.11.17	27.11.17	28.11.17
Rainfall (mm)	0	0	0	0	0
Max. temp(°C)	28.8	28.6	28.0	27.8	25.8
Min.Temp(°C)	16.6	19.0	17.4	15.8	16.6
Sky condition(Octas)	2	2	3	2	0
Relative humidity(%) 0830 hours	84	95	93	89	96
Relative humidity(%) 1730 hours	53	52	56	62	--
Wind Speed (kmph)	4.0	5.0	7.6	8.0	6.2
Wind Direction	140	90	90	90	50

Forecast summary:

Parameters	29.11.17	30.11.17	01.12.17	02.12.17	03.12.17
Rainfall (mm)	0	0	0	0	0
Max Temp Trend (°C)	28	28	28	29	29
Min Temp Trend (°C)	17	16	15	15	15
Total cloud cover (octa)	4	5	4	8	5
Relative humidity (%)Max	88	87	84	85	84
Relative humidity (%)Min	58	58	57	55	56
Wind speed(Km/hr)	8	8	6	6	8
Wind Direction (Degrees)	70	70	70	70	70

No rain forecasted by IMD, Bangalore during next 5 days. The Maximum temperature ranges from 28.0-29.0°C and Minimum of 15.0-17.0°C. Relative 84-88 % during morning hrs and 55-58 % during noon is expected. Wind speed is 6-8 km/hr.

Weather Based Agro Advisories

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

District	*Kharif crops*			*Horticulture crops*	
Groundnut	Groundnut	Redgram	Maize	Grape	Mango
	-	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,, 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	➢ Anuradha rainstar starts from November 20th and remains upto December 2nd. The normal rainfall of Anuradha rainstar is 12.3 mm. ➢ Ideal condition for harvesting, sun drying and winnowing of Kharif crop like Ragi, Maize and Groundnut. Redgram : Due to low temperature during night followed by morning dew the pod borer incidence was noticed in the Redgram crop. Follow the schedule for effective control of pod borer. ➢ If the pod borer is in big size then go for spraying of NPV 0.75 ml per liter of water. ➢ 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	
	➢ To control of UJI fly, use nylon mess to control of entering to sericulture unit. ➢ Use recommended chemical to control of UJI fly.

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