UNIVERSITY OF AGRICULTURAL SCIENCE, BENGALURU
INTEGRATED AGROMET ADVISORY SERVICES

AGROMET-ADVISORY BULLETIN Date: 15.07.2014

Issued jointly by, UAS, Bengaluru & Indian Meteorological Department

The forecast is valid for Ramanagara district
Weather forecast (Valid from to 16th to 20th July 2014)

Parameters	19.07.14	20.07.14	21.07.14	22.07.14	23.07.14
Rainfall (mm)	4	3	2	4	6
Max Temp Trend (°C)	31	30	29	28	28
Min Temp Trend (°C)	20	21	20	20	20
Total cloud cover (octa)	7	8	8	8	6
Relative humidity (%)Max	83	87	87	87	87
Relative humidity (%)Min	50	55	56	57	52
Wind speed(Km/hr)	4	6	10	8	7
Wind Direction (Degrees)	245	250	255	245	245

Forecast summary:

Light rains are expected for this week, Maximum temperature ranges from 28.0-31.0°C and Minimum will be 20.0-21.0°C, with cloud cover 6-8 okta. Relative Humidity of around 83-87 % during morning hrs and 50-57 % during noon is forecasted. Wind speed is expected to be 4-10 km/hr.

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

District	*Kharif crops*				*Horticulture crops*
	Maize	Ragi	Redgram	Groundnut	Mango
Ramanagara	S,G	-	S,G,VG	S,G	-

G: Germination, **S**: Sowing, **EV**: Early vegetative, **VG**: Vegetative growth, TR: Tranplanting, **PI**: Peg initiation, **FLI**: Flag leaf initiation, **F:** Flowering, **PF**: Pod formation,

Agromet Advisory:

Crop	Stage/ Condition	Pest and Disease	Agro advisories
Agriculture crop			
General preparation for Kharif			➢ Right time for sowing of Kharif crops and apply the recommended basal dose of fertilizer. ➢ Prepare the soil conservation structure like bund to drain out the excess water and to avoid soil erosion ➢ Spray Confidar @ 2.0 ml/lt of water to control aphid infestation in Redgram.
Suitable variety for Kharif sowing			➢ Procure good quality of seeds in Raita Samparka Kendra (RSK), Agricultural University or Krishi Vigyan Kendra ➢ Ragi :GPU- 28 and 66, MR -01, 02 and 06, KMR-301, ➢ Groundnut : JL-24, TMV-02, K-134 ➢ Maize : Ganga-11, Deccan-103 and Composite NAC-6004 and 6002
Animal Husbandry			
			➢ Maintain the optimum room temperature in Sericulture, Poultry and Dairy unit. ➢ Vaccinate the cow against the Foot and Mouth Disease (FMD)

Technical Officer:
Mr. Nagesha, L
UAS, Bengaluru

Station Nodal Officer:
Dr. N.A. Janardhana Gowda
UAS, Bengaluru