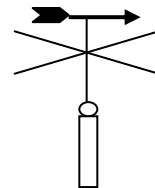




Agromet Advisory Service bulletin 42/17, Tuesday dt .17.10.2017
(Issued jointly by IAAS Vellanikkara)



Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara
E mail: kauagmet@yahoo.co.in, cohagmet@kau.in

ERNAKULAM

CURRENT SYNOPTIC SITUATION: An upper air cyclonic circulation lies over East central Arabian sea and neighbourhood between 1.5 and 3.1 km above sea level. A well marked low pressure area lies over Central and adjoining South- west Bay of Bengal .Associated upper air cyclonic circulation extends upto 5.8 km above sea level. An east- west shear zone runs roughly along Lat 12°N between 4.5 & 7.6 km above sea level.

Heavy Rainfall Warning: Heavy rainfall is most likely to occur at one or two places in Kerala till the morning of 18th October 2017.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST
ISSUED ON: 17.10.2017
VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

DISTRICT : ERNAKULAM

ENSEMBLE FCST

PARAMETERS	18.10.2017	19.10.2017	20.10.2017	21.10.2017	22.10.2017
Rainfall (mm)	29	16	3	0	0
Max Temperature (deg	30	31	31	31	31
Min Temperature (deg C)	24	25	25	25	25
Total cloud cover (octa)	8	8	5	4	4
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	14	14	14	14	14
Wind direction (deg)	270	250	230	230	270

Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Paddy (Jyothi, kanjana)	Leaf folder	There is a chance of rice leaf folder in mundakan paddy (second crop) in seedling stage. Spray 2ml fame/10 litre of water.
Coconut	Red palm weevil	Coconut palms are seen affected by red palm weevil. Apply imidacloprid (neonicotinoid) 1 ml/10 litre at spindle leaf area.
Banana	Erwinia Rot	Proper drainage should be ensured. As a precaution, apply lime in the banana basin or bleaching powder in the irrigation channels. To improve the disease resistance, drench the basin with Pseudomonas @ 20g per litre of water. Affected plants can be protected by drenching the basin with 5 g bleaching powder or 3 g oxychloride per litre of water or 2g copper hydroxide per one litre of water. Severely affected plants should be cut and removed.
Animal Husbandry		Maintain cleanliness of the cattle shed, udder of the cow and also hands of the person who milking the cow. (CAADECS, KVASU, Mannuthy)