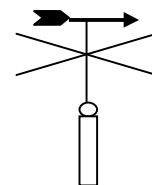




Agromet Advisory Service bulletin 20/18(39), Tuesday dt.15.05.2018
(Issued jointly by IAAS Vellanikkara)



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ERNAKULAM

CURRENT SYNOPTIC SITUATION: A well marked low lies over South west Arabian sea. A North-South wind discontinuity runs from North Interior Karnataka to south Tamil Nadu across south Interior Karnataka and Interior Tamil Nadu upto 0.9km above mean sea level. A cyclonic circulation lies over Comorin and adjoining south Tamil Nadu between 1.5 & 3.1 km above mean sea level.

Heavy Rainfall Warning: Heavy rainfall is most likely to occur at one or two places in Kerala till the morning of 16th May 2018.

INDIA METEOROLOGICAL DEPARTMENT
NWP MODELS BASED DISTRICT LEVEL WEATHER PREDICTION
ISSUED ON: 15-05-2018
VALID TILL 08:30 IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	WEATHER FCST				
	DAY-1 16/05/2018	DAY-2 17/05/2018	DAY-3 18/05/2018	DAY-4 19/05/2018	DAY-5 20/05/2018
DISTRICT : ERNAKULAM					
Rainfall (mm)	2	2	0	2	16
Max Temperature (deg C)	32	32	32	32	32
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	6	6	6	6	6
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	012	012	012	012	012
Wind direction (deg)	270	270	270	270	270

Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Paddy(<i>puncha</i>)	Maturity stage	Paddy is in the harvesting stage.
Banana	Sigatoka	Due to the changing weather pattern, there is a chance of sigatoka disease in banana. As a precaution, Spray Pseudomonas 10-20 g per 1 liter of water. In case of severe attack spray 1 gm Bavistin by mixing it with gum in 1 litre of water on lower surface of leaf.
Pepper	Quick wilt	There is a chance of Quick wilt disease due to high relative humidity. Apply trichoderma or pseudomonas culture in soil or 1% Bordeaux mixture can be sprayed on the leaves and small branches.
Animal Husbandry	Adopt measures to eradicate external parasitic infestations in animals. (CAADECCS, KVASU, Mannuthy)	

Preparation of Trichoderma culture: Dry neem cake and powdered cow dung are mixed at 1:10 ratio and add 1 kg trichoderma with 100 kg of above mixture. Then sprinkle water and mix it thoroughly. Cover it with a perforated polythene sheet and keep it in shade for 5 days for multiplication. Again mix well and keep for 3 more days for further multiplication and incorporate into the soil for controlling Quick wilt.