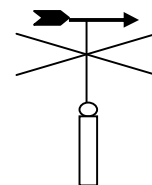




Agromet Advisory Service bulletin 44/17, Tuesday dt.31.10.2017
(Issued jointly by IAAS Vellanikkara)



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ERNAKULAM

CURRENT SYNOPTIC SITUATION: A trough of low pressure area at sea level chart lies over south west Bay of Bengal and neighbourhood. An upper air cyclonic circulation lies over Sri Lanka and adjoining Gulf of Mannar and extends upto 4.5 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 2nd November and from 3rd morning to 5th November morning.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST
ISSUED ON: 31.10.2017
VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

DISTRICT : ERNAKULAM

ENSEMBLE FCST

PARAMETERS	01.11.2017	02.11.2017	03.11.2017	04.11.2017	05.11.2017
Rainfall (mm)	20	20	22	12	18
Max Temperature (deg	32	32	32	32	32
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	8	8	8	7	8
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	12	12	12	12	12
Wind direction (deg)	270	270	290	70	70

Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Paddy (Jyothi, kanjana)	Leaf folder, Stem borer	During this special weather condition, there is a chance of leaf folder and stem borer in mundakan paddy (second crop). Spray flubendiamide (fame) 2ml per 10 litre of water to control them.
	Brown spot, Blast	There is a chance of diseases like brown spot and blast in this weather condition. Spray nativo 4 g per 10 litre of water to control them.
Banana	Spodoptera	Destroy the affected leafs along with the spodoptera. For severe attack spray flubendiamide (fame) 2 ml per 10 litre of water.
Vegetables	Powdery mildew	Spray trichoderma 20g per litre on both sides of leaves in vegetables for the powdery mildew attack. If powdery mildew is severe in cucurbitaceous vegetables, apply tebuconazole 1.5 ml per litre or bavistin 1 g per litre of water. For other vegetables apply wettable sulphur 2 g per litre of water.
Animal Husbandry		If respiratory distress, fever or lameness are noticed in animals, consult a veterinary surgeon immediately. Mosquitoes and rat breeding near cattle shed premises should be avoided. (CAADECS, KVASU, Mannuthy)