

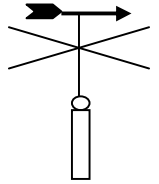


Agromet Advisory Service bulletin 46/17, Friday dt.17-11-2017

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM

CURRENT SYNOPTIC SITUATION: A depression lies over Northwest Bay of Bengal off Odisha coast near Lat 19.5° N and Lon 86.3°E at 0830 hrs. IST of today. An upper air cyclonic circulation lies over South Tamil Nadu and Gulf of Mannar and extends upto 0.9 km above sea level .

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 17.11.2017

VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

DISTRICT : ERNAKULAM

ENSEMBLE FCST

PARAMETERS	18.11.2017	19.11.2017	20.11.2017	21.11.2017	22.11.2017
Rainfall (mm)	0	5	3	14	4
Max Temperature (deg)	32	32	32	32	32
Min Temperature (deg C)	25	25	24	24	24
Total cloud cover (octa)	4	5	5	7	5
Max Relative Humidity (%)	85	85	85	85	85
Min Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	10	10	10	10	10
Wind direction (deg)	270	270	270	270	270

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 occurrence of leaf folder and stem borer in mundakan paddy (second crop). Two cc trichograma cards, which is cut into 10 pieces, can be placed under leaf in different corners of field to control them.
	Brown spot, Blast	There is a chance of occurrence of diseases like brown spot and blast in this weather condition. Spray nativo 4 g per 10 litre of water to control them.
Coconut	Rhinoceros beetle	As a prophylactic measure, apply 250 gm neem cake mixed with equal volume of sand or four number of Naphthalene balls mixed with sand in the innermost 2 to 3 leaf axils. To control, place three perforated packets of Ferterra (5gm) sachet around spindle leaves.
Vegetables (Brinjal)	Shoot and Fruit borer	Shoot and fruit borer affected parts in brinjal can be removed. If severe infestation found, neem seed extract(5%) shall be sprayed. Sucking pest attacks like curling of leaf and leaf tips, yellowing can be prevented by spraying 2% neem oil garlic emulsion. Neem based other insecticides can also be applied intermittently.
Animal Husbandry		Maintain cleanliness of the cattle shed, udder of the cow and also hands of the person who milking the cow. (CAAECS, KVASU, Mannuthy)