

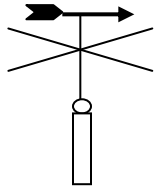


Agromet Advisory Service bulletin 38/17, Friday dt.22-09-2017

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM

CURRENT SYNOPTIC SITUATION: An off shore trough runs from Maharashtra coast to North Kerala coast. A well marked low pressure area lies over Northern parts of central Madhya Pradesh and Neighbourhood and associated upper air cyclonic circulation extending upto 7.6km above sea level .

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 22.09.2017

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

DISTRICT : THRISSUR

ENSEMBLE FCST

PARAMETERS	23.09.2017	24.09.2017	25.09.2017	26.09.2017	27.09.2017
Rainfall (mm)	3	1	4	5	5
Max Temperature (deg	31	31	31	31	31
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	5	5	5	5	5
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	10	10	12	12	12
Wind direction (deg)	270	270	270	270	270

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, kanjana)	Sheath blight	There is a chance for Sheath blight disease during rainy season. The immediate symptom is that outer leaves of paddy become yellow coloured. Black lesions can be seen on the lower part just above the water level. As a prophylactic measure, Apply Pseudomonas or Trichoderma @ 20 gram per litre of water. To prevent this disease, apply Hexaconazole @ 2 ml per litre of water.
Coconut	Rhinoceros beetle	As a prophylactic measure, apply 250 gm neem cake (or) four number of Naphthalene balls mixed with equal volume of sand in the innermost 2 to 3 leaf axils. To control, place three perforated packets of Ferterra (5gm) sachet around spindle leaves.
Vegetables	Downy mildew	If yellowing symptom due to downy mildew is observed in cucurbitaceous vegetables, apply Mancozeb @ 3 g per liter of water.
Animal Husbandry		Mosquito control measures can be adopted. Cattle should not be allowed graze in water logged areas for avoiding diseases. Avoid water logging in cattle sheds also. If fever and respiratory distress are noticed consult a veterinary surgeon.(CAADECS, KVASU, Mannuthy)