

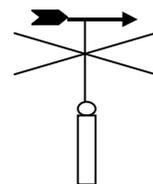


Agromet Advisory Service bulletin 38/17, Tuesday dt 19.09.2017

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM

CURRENT SYNOPTIC SITUATION: An off shore trough runs from Maharashtra coast to Kerala coast. Under the influence of the cyclonic circulation over northwest Bay of Bengal, a low pressure area has formed over northwest Bay of Bengal & neighbourhood. Associated upper air cyclonic circulation extends upto 5.8 km above sea level tilting southwestwards with height.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 19.09.2017

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

DISTRICT: ERNAKULAM

ENSEMBLE FCST

PARAMETERS	20.09.2017	21.09.2017	22.09.2017	23.09.2017	24.09.2017
Rainfall (mm)	8	3	5	8	12
Max Temperature (deg	32	32	32	32	32
Min Temperature (deg C)	25	25	25	25	25
Total cloud cover (octa)	6	5	5	6	7
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	16	16	14	14	14
Wind direction (deg)	280	270	270	290	290

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. (Centre for animal adaptation to environment and climate change studies, KVASU, Mannuthy)