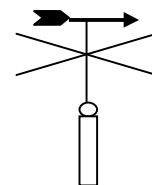




Agromet Advisory Service bulletin 12/18(23), Tuesday dt.20.03.2018
(Issued jointly by IAAS Vellanikkara)



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ERNAKULAM

CURRENT SYNOPTIC SITUATION : A cyclonic circulation lies over Comorin area & neighbourhood extending upto 0.9km above sea level. Another cyclonic circulation lies over South east Arabian sea off Kerala coast extending upto 0.9km above sea level.

INDIA METEOROLOGICAL DEPARTMENT
NWP MODELS BASED DISTRICT LEVEL WEATHER PREDICTION
ISSUED ON: 20-03-2018
VALID TILL 08:30 IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	WEATHER FCST				
	DAY-1 21/03/2018	DAY-2 22/03/2018	DAY-3 23/03/2018	DAY-4 24/03/2018	DAY-5 25/03/2018
DISTRICT : ERNAKULAM					
Rainfall (mm)	7	5	3	2	3
Max Temperature (deg C)	33	33	33	33	33
Min Temperature (deg C)	25	25	25	25	25
Total cloud cover (octa)	6	6	5	5	5
Max Relative Humidity (%)	85	85	85	85	85
Min Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	010	010	010	010	010
Wind direction (deg)	250	250	250	250	250

Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Rice	Tillering stage/Leaf folder	Leaf folder attack can be controlled using trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray Quinalphos @ 2ml per one liter of water.
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.
Pepper	Quick wilt	Prophylactic spraying of 1% Bordeaux mixture against fungal disease in nutmeg and pepper can be done. 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.
Vegetables (Snake gourd, Bitter gourd)	Fruit fly	Remove and destroy affected and decayed fruits. Use special pheromone traps like cue lure (60 nos/Acre) for vegetable fruit fly or Thulasi/fruit traps. If the attack is not reduced, spray mixture of malathion 2 ml per one litre of water + jaggery 10 g at flowering and fruit initiation.
Animal Husbandry	Adopt measures to eradicate external parastic infestations in animals. (CAADECCS, KVASU, Mannuthy)	