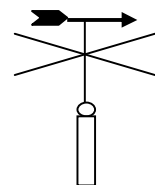




Agromet Advisory Service bulletin 49/17, Tuesday dt.05.12.2017
(Issued jointly by IAAS Vellanikkara)



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ERNAKULAM

CURRENT SYNOPTIC SITUATION: The severe cyclonic storm “ockhi” now lies as a Cyclonic Storm over Eastcentral Arabian Sea near Lat 18.2°N and Long 70.8°E. A well marked low pressure area lies over South east Bay of Bengal and neighbourhood . An upper air cyclonic circulation lies over South west Bay of Bengal off TamilNadu coast at 3.1 km above mean sea level.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST
ISSUED ON: 05.12.2017
VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

DISTRICT : ERNAKULAM

ENSEMBLE FCST

PARAMETERS	06.12.2017	07.12.2017	08.12.2017	09.12.2017	10.12.2017
Rainfall (mm)	0	4	5	0	8
Max Temperature (deg	32	32	33	33	33
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	4	5	5	4	6
Max Relative Humidity (%)	85	85	85	85	85
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	12	12	12	12	12
Wind direction (deg)	250	250	250	250	250

Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Paddy (Jyothi, Kanchana)	Rice bug	Apply neem based pesticides (3ml per one liter of water). Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
Coconut	Bud rot	As a prophylactic measure, hung three perforated packets of Mancozeb sachet (5gm) around spindle leaves.
Banana	Spodoptera	Destroy the affected leafs along with the spodoptra. For severe attack spray Flubendiamide (Fame) 2 ml/10 L of water.
Vegetables (Snake gourd, Bitter gourd)	Fruit fly	Remove and destroy affected and decayed fruits. Use special pheromone traps like cue lure (6 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		If respiratory distress, fever or lameness are noticed in animals, consult a veterinary surgeon immediately. (CAADECS, KVASU, Mannuthy)