

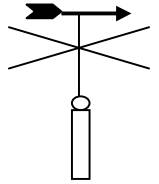


Agromet Advisory Service bulletin 52/17, Friday dt. 29-12-2017

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Comorin area & neighbourhood and extends between 1.5 & 2.1 km above sea level .

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 29.12.2017

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

DISTRICT : ERNAKULAM

ENSEMBLE FCST

PARAMETERS	30.12.2017	31.12.2017	01.01.2018	02.01.2018	03.01.2018
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg)	32	32	33	33	33
Min Temperature (deg C)	23	23	24	24	24
Total cloud cover (octa)	4	3	3	3	2
Max Relative Humidity (%)	80	80	80	80	80
Min Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	6	6	6	6	6
Wind direction (deg)	230	230	230	230	230

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	White fly	To control white fly, spray the mixture of 2% neem oil emulsion with 20 g of biocontrol agent (Verticillium) on lower sides of leaves. Avoid application of chemicals to save the biocontrol agents.
Banana	Pseudostem weevil	If infestation of pseudostem weevil is noticed, the leaf axils and holes on pseudo stem will be drenched with chlorpyrifos 2 ml or quinalphos 2 ml per litre of water.
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		If respiratory distress, fever or lameness are noticed in animals, consult a veterinary surgeon immediately. (CAADECS, KVASU, Mannuthy)