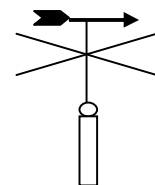




Agromet Advisory Service bulletin 51/17, Tuesday dt.19.12.2017
(Issued jointly by IAAS Vellanikkara)



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ERNAKULAM

CURRENT SYNOPTIC SITUATION: Generally moderate Northeasterly winds prevail in the lower levels over the region .

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST
ISSUED ON: 19.12.2017
VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

DISTRICT : ERNAKULAM

ENSEMBLE FCST

PARAMETERS	20.12.2017	21.12.2017	22.12.2017	23.12.2017	24.12.2017
Rainfall (mm)	0	0	5	0	0
Max Temperature (deg	32	33	33	33	33
Min Temperature (deg C)	23	23	23	23	23
Total cloud cover (octa)	4	4	6	4	4
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
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	Sigatoka disease	There is a chance of Sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g/litre. In case of severe attack, spray 1 gm of Bavistin in 1 litre of water on lower surface of leaf (by mixing with gum). Propping should be followed to reduce the damage due to high wind velocity.
Vegetables	Thrips and Mite	There is a chance for the attack of thrips and mites in vegetables. Apply 2% neem oil+garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe apply spiromecifen 8 ml/10 L of water. Ensure proper irrigation to withstand from high evaporation.
Animal Husbandry		If respiratory distress, fever or lameness are noticed in animals, consult a veterinary surgeon immediately. (CAADECS, KVASU, Mannuthy)