



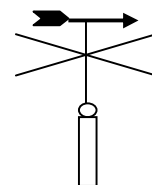
Advisory Service bulletin 13/17, Friday dt.31-03-2017

(Issued jointly by IAAS Vellanikkara)

Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara

E mail: kauagmet@yahoo.co.in, cohagmet@kau.in

ERNAKULAM



CURRENT SYNOPTIC SITUATION: The wind discontinuity run from Comorin area to south interior Karnataka across interior Tamil Nadu & extending upto 0.9 km asl.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 31.03.2017

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 01/04	DAY-2 02/04	DAY-3 03/04	DAY-4 04/04	DAY-5 05/04
DISTRICT : ERNAKULAM					
Rainfall (mm)	2	0	2	0	0
Max Temperature (deg C)	36	36	36	36	33
Min Temperature (deg C)	26	26	26	26	26
Total cloud cover (octa)	4	4	4	3	3
Max Relative Humidity (%)	80	85	85	85	85
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	006	006	006	004	002
Wind direction (deg)	250	250	290	290	290

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy	Panicle emergence/ stem borer	Chances of stem borer in paddy. In severe condition apply Flubendamide in 2 ml/10 L.
Coconut	Management	Mulching can be done with dried or green coconut leaves or coir pith to maintain moisture in coconut gardens. Lower one or two whirls can be cut off to prevent moisture loss from plant. Coconut stem upto one or two metres can be painted with slaked lime to prevent sun scorching. Organic content in the soil can be ensured for maintaining soil temperature. Drip irrigation shall be adopted.
Banana	Pseudo stem weevil	Apply 2% neem oil-garlic-soap emulsion in the starting stage. In case of severe attack apply 2.5 ml Chlorpyrifos in 1 liter of water on the pseudostem mixing with gum.
Vegetables (Cucurbitaceous)	Fruit fly	Remove and destroy affected and decayed fruits. Use special pheromone traps for vegetable fruit fly or Thulasi/fruit traps. If the attack is not reduced, spray mixture of malathion 2 ml + jaggery 10 g/liter at flowering and fruit initiation.