

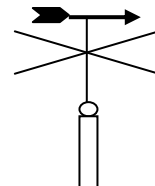


Agromet Advisory Service bulletin 51/16, Tuesday dt 20-12-16

(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: A trough in low level easterlies extending from equatorial Indian ocean to south Tamil Nadu coast across Gulf of Mannar prevails.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 20.12.2016

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 21/12	DAY-2 22/12	DAY-3 23/12	DAY-4 24/12	DAY-5 25/12
DISTRICT : ERNAKULAM					
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	32	32	32	32	32
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	2	3	2	2	2
Max Relative Humidity (%)	83	86	87	76	77
Min Relative Humidity (%)	62	63	59	51	48
Wind speed (kmph)	009	009	006	007	009
Wind direction (deg)	250	250	250	250	250

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, kanjana, Uma, Ponmani)	Milky stage/Rice bug	Apply neem based pesticides (3-4 ml 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.
Banana	Leaf eating caterpillar	Apply Neem oil emulsion at frequent intervals. If the attack is severe, Spray 2 ml of Quinalphos in one litre of water.
Coconut	-	Burying of fresh or dried coconut husk around the palm is a desirable practice particularly for moisture retention. Mulch the coconut basins with green/dry leaves. This help to add organic matter to the soil and to reduce the soil temperature.
Cowpea	Mite	Apply Oberon at the rate of 0.75ml per one liter of water.