

Agromet Advisory Service bulletin 27/15 Tuesday dt. 30-07-2015

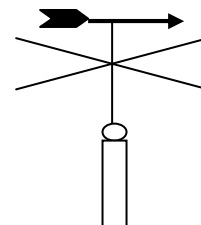
(Issued jointly by IAAS Vellanikkara)

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THRISSUR**Significant weather for the preceding week at Vellanikkara**

Rainfall weekly total	261.6 mm
Maximum temperature	29.7-31.2 ⁰ C
Minimum temperature	23.2-25.2 ⁰ C
Max. RH	89-97%
Min. RH	74-89%
Wind speed	00-06 km/hr
Sun shine hour	0.0-2.2 hr
Evaporation	1.5- 3.8mm

**NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST****ISSUED ON: 30.07.2015****VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS****CURRENT SYNOPTIC SITUATION:** An off shore trough at mean sea level runs from Maharashtra coast to Kerala coast.

STATE : KERALA

PARAMETERS**ENSEMBLE FCST**

	DAY-1 01/07	DAY-2 02/07	DAY-3 03/07	DAY-4 04/07	DAY-5 05/07
DISTRICT : THRISSUR					
Rainfall (mm)	13	20	5	20	14
Max Temperature (deg C)	31	31	31	31	31
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	6	7	6	7	6
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	85	85	80	85	85
Wind speed (kmph)	010	010	010	008	008
Wind direction (deg)	250	270	250	250	250

Agro Meteorological Advisories

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Tillering stage)	Leaf folder	There is a chance in increasing of leaf folder and stem borer attack in paddy. Use trichogramma cards @ 2CC per acre. Cut the card in to small pieces and fix in different locations of the paddy field. Replace the cards within every two weeks. If the attack is severe, apply Quinalphos (2ml per one litre of water) or cartap hydrochloride (25g per one hactor)
	Stem borer	
Coconut	Rhinoceros beetle	Apply 250 gm neem cake mixed with equal volume of sand in the innermost 2-3 leaf axils.
Vegetables	Fruit flies	Remove and destroy affected and decayed fruits. Use special pheromone traps for vegetable fruit fly or Thulasi/fruit traps
	Fruit borer	Apply 2% Neem Kernel Suspension to control fruit borer.

Preparation of Neem Kernel Suspension:

The kernel should be ground into a coarse powder. 30 g of powered neem seed is required per 10 litre of water. The required quality of the coarse powder should be put in small muslin cloth bag and dipped in water for about 12 hours. Thereafter, squeeze the cloth bag repeatedly so that the out-flowing fluid turns light brownish. The NKS is now ready to be sprayed as such on crops.