

**Agromet Advisory Service bulletin 29/15 Tuesday dt. 17-07-2015**

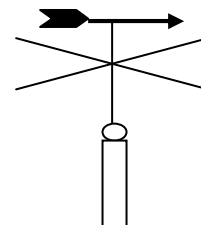
(Issued jointly by IAAS Vellanikkara)

Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara

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

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

Rainfall weekly total	83.8 mm
Maximum temperature	29.9-31.9 <sup>0</sup> C
Minimum temperature	23.0-24.3 <sup>0</sup> C
Max. RH	90-98%
Min. RH	63-80%
Wind speed	00-08 km/hr
Sun shine hour	1.0-6.5 hr
Evaporation	2.3- 3.9mm

**NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST****ISSUED ON: 17.07.2015****VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS**

**CURRENT SYNOPTIC SITUATION:** An upper air cyclonic circulation lies over Northwest Bay of Bengal and adjoining coastal areas of Gangetic West Bengal upto 7.6 km above sea level. An offshore trough on mean sea level runs from South Maharashtra coast to Kerala coast.

**HEAVY RAINFALL WARNING:** Heavy rainfall will occur at isolated places in Kerala till the morning of 22<sup>nd</sup>.

STATE : KERALA

**PARAMETERS****ENSEMBLE FCST**

	DAY-1 18/07	DAY-2 19/07	DAY-3 20/07	DAY-4 21/07	DAY-5 22/07
DISTRICT : THRISSUR					
Rainfall (mm)	34	41	30	41	51
Max Temperature ( deg C)	30	30	30	30	30
Min Temperature ( deg C)	27	24	24	24	24
Total cloud cover (octa)	8	8	8	8	8
Max Relative Humidity (%)	90	87	87	89	88
Min Relative Humidity (%)	75	74	78	75	75
Wind speed (kmph)	013	013	010	012	012
Wind direction (deg)	250	250	270	250	250

**Agro Meteorological Advisories**

Crop	Pest/Disease	Advisories
Paddy	Leaf folder	Apply quinalphos @ 2 ml per one liter.
Coconut	Red palm weevil	Coconut log traps with fermenting toddy or pineapple activated with yeast can be set in coconut plantation to attract and trap red palm weevil. Incorporate any of the insecticide to each trap to kill the weevils trapped.
Banana	Leaf eating caterpillar	Spray 2ml of quinalphos in one liter of water.
	Sigatoka	Spray SAAF @ 2 g in one liter of water.
Vegetables	Stunted growth in chillis	Spray 2% neem oil-garlic-soap emulsion to prevent stunted growth and leaf curling or spray dimethoate 30 EC at 1.5 ml per one liter of water in such a way that the pesticide should also fall on the lower surface of the leaf.
	Aphids in Cowpea	Apply 2ml quinalphos or 1.5 ml dimethoate 30 EC in one liter of water to control aphids attack.
	Mite in Bhindi	Apply Oberon at the rate of 0.75ml per one liter of water.