



Agromet Advisory Service bulletin 29/17, Tuesday dt 18.07.2017

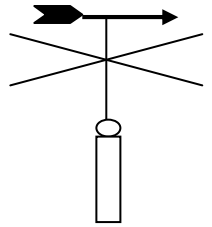
(Issued jointly by IAAS Vellanikkara)

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	62.7 mm
Maximum temperature	30.0-32.9 ^o C
Minimum temperature	21.0-23.7 ^o C
Max. RH	89-98%
Min. RH	67-87%
Wind speed	0.2-1.6 km/hr
Sun shine hour	0.0-7.8 hr
Evaporation	1.6-3.7 mm

CURRENT SYNOPTIC SITUATION: An off shore trough at mean sea level runs from South Gujarat coast to Lakshadweep area.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 18.07.2017

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

STATE: KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 19/07	DAY-2 20/07	DAY-3 21/07	DAY-4 22/07	DAY-5 23/07
DISTRICT : THRISSUR					
Rainfall (mm)	25	30	27	14	4
Max Temperature (deg C)	30	30	30	30	30
Min Temperature (deg C)	23	23	23	23	23
Total cloud cover (octa)	8	8	8	7	5
Max Relative Humidity (%)	92	92	92	92	92
Min Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	012	012	012	012	012
Wind direction (deg)	250	250	250	250	250

-----Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, Kanchana)	Seedling stage/Rice case worm	There is a chance of rice case worm in paddy field. To control this 25 kg sawdust or rice husk ash mixed with 1 litre kerosene can be spread after draining the field for 1 acre.
Pepper	Quick wilt	There is a chance of Quick wilt disease due to high relative humidity. Apply Trichoderma or Pseudomonas culture in soil or 1% Bordeaux mixture can be sprayed on the leaves and small branches.
Vegetables	Aphids	Apply tobacco decoction or 2% neem oil-garlic-soap emulsion for control of aphids in cowpea.
Animal Husbandry	-	Examine the faeces of adult animals to detect eggs of internal parasite and treat the animals with suitable drugs. Thank you for Information: Centre for Animal Adaptation Environment and Climate Change Studies, KVASU, Mannuthy.