



Agromet Advisory Service bulletin 08/17, Tuesday dt 21-02-2017

(Issued jointly by IAAS Vellanikkara)

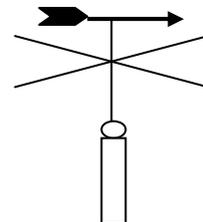
Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara

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

THRISSUR

Significant weather for the preceding week at Vellanikkara

Rainfall weekly total	0.0 mm
Maximum temperature	34.6-37.9 ⁰ C
Minimum temperature	18.6-26.4 ⁰ C
Max. RH	42-90%
Min. RH	15-60%
Wind speed	2.9-12.4 km/hr
Sun shine hour	7.3-10.5 hr
Evaporation	3.6-9.7 mm



CURRENT SYNOPTIC SITUATION: A trough of low at msl lies over Comorin area and neighbourhood with an upper air cyclonic circulation aloft and extends upto 0.9 km asl. A wind discontinuity runs from comorin to north Interior Karnataka across Tamil nadu and South Interior Karnataka at 1.5 km asl.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 21.02.2017

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 22/02	DAY-2 23/02	DAY-3 24/02	DAY-4 25/02	DAY-5 26/02
DISTRICT : THRISSUR					
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	33	33	33	33	33
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	3	3	3	3	3
Max Relative Humidity (%)	80	80	80	80	80
Min Relative Humidity (%)	40	40	40	40	40
Wind speed (kmph)	008	008	008	008	008
Wind direction (deg)	290	290	020	020	020

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy	Land preparation to transplanting	Plough the land for Punja cultivation. Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of Pseudomonas culture @10g/litre of water per kg of seed. The above seed treatment can also be used to control sheath blight, sheath root, leaf spot disease etc.
Banana	Cigar end rot disease	Due to high temperature and low humidity, there is a chance of Cigar end disease in banana bunches. Blackening and shrinking of the effected fingers which later gets covered with a powdery mass of spores is the symptom of this disease.To control the disease, spray 2.5 g copper oxychloride @ 1 liter of water.
Vegetables	Leaf spot disease (Amaranthus)	Cut and remove the severely affected leaves. Apply 15 gm of Pseudomonas in cleared cow dung water after harvesting. Also apply Trichoderma mixed with cowdung in soil.