



Agromet Advisory Service bulletin 26/16, Tuesday dt 21-06-16

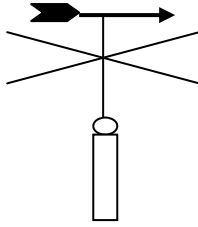
(Issued jointly by IAAS Vellanikkara)

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THRISSUR

Significant weather for the preceding week at Vellanikkara



Rainfall weekly total	45.7 mm
Maximum temperature	30.6.-31.8 ⁰ C
Minimum temperature	20.5-22.3 ⁰ C
Max. RH	84-97%
Min. RH	63-93 %
Wind speed	1.2-2.2km/hr
Sun shine hour	0.0-8.5 hr
Evaporation	2.0-3.1 mm

CURRENT SYNOPTIC SITUATION:

A trough of low pressure on sea level lies over East Arabian Sea off Karnataka-Kerala coast .An upper air cyclonic circulation lies over coastal Karnataka and neighbourhood between 3.6 and 5.8km a.s.l.

Heavy rainfall warning: Isolated Heavy rainfall is likely to occur over Kerala till the morning of 26th June.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 21.06.2016

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 22/06	DAY-2 23/06	DAY-3 24/06	DAY-4 25/06	DAY-5 26/06
DISTRICT : THRISSUR					
Rainfall (mm)	20	20	50	35	25
Max Temperature (deg C)	29	29	29	29	29
Min Temperature (deg C)	21	21	21	21	21
Total cloud cover (octa)	7	7	8	7	6
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	70	70	75	75	70
Wind speed (kmph)	008	010	010	010	010
Wind direction (deg)	270	270	270	270	270

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (Jyothi, Kanchana)	Seedling stage	Due to high relative humidity, there is a chance of sheath blight, sheath rot, leaf spot diseases in paddy. These diseases can be control to an extend by dipping the roots of seedling in pseudomonas solution by mixing 20 g pseudomonas culture in one liter of water for 30 minutes while transplanting.
Coconut	Root wilt	Root wilt disease is seen in coconut. These coconut palms can be recovered by better management such as application of fertilizers, usage of high yielding resistant varieties instead of severely affected palms.

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	White fly	Hang yellow boards dipped in castor oil in the field.