



Agromet Advisory Service bulletin 27/16, Tuesday dt 28-06-16

(Issued jointly by IAAS Vellanikkara)

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THRISSUR

Significant weather for the preceding week at Vellanikkara

Rainfall weekly total	92.9 mm
Maximum temperature	28.8-30.3 ⁰ C
Minimum temperature	19.6-21.43 ⁰ C
Max. RH	91-98%
Min. RH	68-95 %
Wind speed	0.7-1.4km/hr
Sun shine hour	0.0-2.3 hr
Evaporation	1.5-2.5 mm

CURRENT SYNOPTIC SITUATION:

A trough of low pressure on sea level chart lies over East Arabian Sea off Karnataka- North Kerala coast.

Heavy rainfall warning: Heavy rainfall is most likely to occur at one or two places over Kerala till the morning of 3rd July.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 28.06.2016

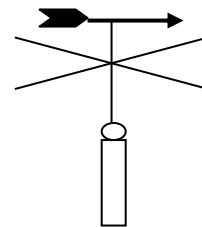
VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 29/06	DAY-2 30/06	DAY-3 01/07	DAY-4 02/07	DAY-5 03/07
DISTRICT : THRISSUR					
Rainfall (mm)	24	28	26	26	28
Max Temperature (deg C)	29	29	29	29	29
Min Temperature (deg C)	21	22	22	23	23
Total cloud cover (octa)	7	7	7	7	7
Max Relative Humidity (%)	95	95	95	90	90
Min Relative Humidity (%)	75	75	75	80	80
Wind speed (kmph)	015	015	015	015	010
Wind direction (deg)	270	270	270	290	290

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 controlled to an extent 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	Rhinoceros beetle	Apply 250 gm neem cake mixed with equal volume of sand in the innermost 2-3 leaf axils.
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	Epilachna beetle	Spray 2 ml of Quinalphose in 1 liter of water.