



Agromet Advisory Service bulletin 43/16, Tuesday dt 18-10-16

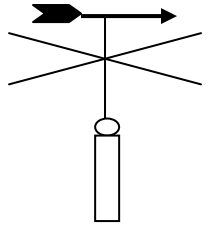
(Issued jointly by IAAS Vellanikkara)

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THRISSUR

Significant weather for the preceding week at Vellanikkara



Rainfall weekly total	15.1 mm
Maximum temperature	30.6 -33.3 ⁰ C
Minimum temperature	22.3 -24.1 ⁰ C
Max. RH	84-95%
Min. RH	61 -75%
Wind speed	0.5 -1.3 km/hr
Sun shine hour	2.2 -5.8 hr
Evaporation	2.5 -3.2mm

CURRENT SYNOPTIC SITUATION: An upper air cyclonic circulation lies over Arabian coast and extending upto 3.1 km asl . A trough extending from the above system to southwest Bay off Bengal off Tanilnadu coast.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 18.10.2016

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 19/10	DAY-2 20/10	DAY-3 21/10	DAY-4 22/10	DAY-5 23/10

DISTRICT : THRISSUR					
Rainfall (mm)	4	3	7	7	8
Max Temperature (deg C)	32	32	32	32	32
Min Temperature (deg C)	23	23	23	23	23
Total cloud cover (octa)	5	5	5	6	6
Max Relative Humidity (%)	80	80	80	80	80
Min Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	006	006	006	006	006
Wind direction (deg)	230	230	230	230	230

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (kanjana, Uma, Ponmani)	Land preparation to transplanting	Plough the land for Mundakan 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	Pseudostem weevil	Apply 2% neem oil-garlic-soap emulsion in the starting stage. In case of severe attack apply 3ml Chlorpyrifos in 1 liter of water on the pseudostem mixing with gum.
Pepper	Quick wilt	There is a chance of Quick wilt disease. Spray 20g pseudomonas/ 1 litre of water.
Vegetables	-	New planting in cool season vegetables is started. This is the best time for Cabbage and cauliflower seeds are to be sown in the nursery beds. Pseudomonas culture is added to the soil at the time of planting cabbage and cauliflower will help to reduce fungal disease.