



Agromet Advisory Service bulletin 13/17, Tuesday dt 28-03-2017

(Issued jointly by IAAS Vellanikkara)

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THRISSUR

Significant weather for the preceding week at Vellanikkara

Rainfall weekly total	0.3 mm
Maximum temperature	34.3-39.5 ⁰ C
Minimum temperature	24.5-25.6 ⁰ C
Max. RH	86-92%
Min. RH	24-61%
Wind speed	1.5-2.3 km/hr
Sun shine hour	5.4-9.5 hr
Evaporation	3.5-5.4 mm

CURRENT SYNOPTIC SITUATION: Yesterdays upper air trough over Comorin area and neighbourhood has become less marked. Generally westerly to southwesterly winds prevail in the lower levels over Kerala.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 28.03.2017

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

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 29/03	DAY-2 30/03	DAY-3 31/03	DAY-4 01/04	DAY-5 02/04
DISTRICT : THRISSUR					
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	38	38	38	38	38
Min Temperature (deg C)	25	25	25	25	25
Total cloud cover (octa)	3	3	3	4	4
Max Relative Humidity (%)	80	80	80	80	80
Min Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	006	006	006	006	006
Wind direction (deg)	250	250	250	250	250

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy	Panicle emergence/ stem borer	Chances of stem borer in paddy. In severe condition apply Flubendamide in 2 ml/10 L.
Coconut	Management	Mulching can be done with dried or green coconut leaves or coir pith to maintain moisture in coconut gardens. Lower one or two whirls can be cut off to prevent moisture loss from plant. Coconut stem upto one or two metres can be painted with slaked lime to prevent sun scorching. Organic content in the soil can be ensured for maintaining soil temperature. Drip irrigation shall be adopted.
Banana	Pseudo stem weevil	Apply 2% neem oil-garlic-soap emulsion in the starting stage. In case of severe attack apply 2.5 ml Chlorpyrifos in 1 liter of water on the pseudostem mixing with gum.
Vegetables (Cucurbitaceous)	Fruit fly	Remove and destroy affected and decayed fruits. Use special pheromone traps for vegetable fruit fly or Thulasi/fruit traps. If the attack is not reduced, spray mixture of malathion 2 ml + jaggery 10 g/liter at flowering and fruit initiation.