



Agromet Advisory Service bulletin 23/18(45), Tuesday dt .05.06.2018

(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	173 mm
Maximum temperature	28.0-32.1 ⁰ C
Minimum temperature	23.4-24.9 ⁰ C
Max. RH	86-98%
Min. RH	71-97%
Wind speed	0.8-3.0 km/hr
Sun shine hour	0.2 -7.2 hr
Evaporation	1.8-3.2 mm

CURRENT SYNOPTIC SITUATION: An off shore trough at mean sea level runs from south Maharashtra coast to North Kerala coast and extends upto 0.9km above mean sea level . The cyclonic circulation over southeast Arabian Sea off Kerala- Karnataka Coast extending upto 0.9 km above mean sea level has merged with the offshore trough. An East-West shear zone runs roughly along Lat. 13°N across South Peninsular India between 3.1 & 7.6 km above mean sea level . A cyclonic circulation lies over Northern parts of West Central Bay Of Bengal and neighbourhood between 3.1 & 4.5 km above mean sea level.

Heavy Rainfall warning: Heavy rainfall is most likely to occur at isolated places in Kerala till the morning of 6th and isolated heavy to very heavy rainfall from 6th to the morning of 10th June 2018.

INDIA METEOROLOGICAL DEPARTMENT
 NWP MODELS BASED DISTRICT LEVEL WEATHER PREDICTION
 ISSUED ON: 05-06-2018
 VALID TILL 08:30 IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	WEATHER FCST				
	DAY-1 06/06/2018	DAY-2 07/06/2018	DAY-3 08/06/2018	DAY-4 09/06/2018	DAY-5 10/06/2018
DISTRICT : THRISSUR					
Rainfall (mm)	10	18	35	60	50
Max Temperature (deg C)	29	30	30	30	30
Min Temperature (deg C)	24	24	24	24	24
Total cloud cover (octa)	7	8	8	8	8
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	012	012	018	018	018
Wind direction (deg)	250	250	250	250	250

➤ There is a chance of heavy rainfall in isolated places of Thrissur district.

Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Paddy	Land preparation to transplanting	Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of Pseudomonas culture @10g/litre per kg of seeds. The above seed treatment can also be used to control sheath blight, sheath rot, leaf spot disease etc.
Banana	Sigatoka disease	Due to the pre monsoon showers, there is chance of Sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g/litre. In case of severe attack spray 1 gm Bavistin by mixing it with gum in 1 litre of water on lower surface of leaf.
Coconut	Bud rot	Three numbers of perforated Mancozeb sachet (5 gm) can be hung around spindle leaves as a prophylatic measure for bud rot.
Animal Husbandry	Extra care should be taken for wound healing and apply fly repellents around the wound. (CAADECCS, KVASU, Mannuthy)	