



Kerala Agricultural University, Vellanikkara, Thrissur
Department of Agricultural Meteorology, College of Horticulture

Email: cohagmet@kau.in & kauagmet@yahoo.co.in

Agromet Advisory Service Bulletin

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



THRISSUR DISTRICT

AAS 26/2019(51), Tuesday

25.06.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 111.2 mm. The maximum temperature ranges from 29.4°C to 33.1°C, minimum temperature ranges from 21.9°C to 24.0°C. Morning relative humidity ranges from 90 % to 98% and afternoon relative humidity ranges from 72% to 92%. Wind speed ranges from 0.6 to 1.6 km/h. Bright sunshine hours range from 0.0 to 6.8 hours. Evaporation ranges from 1.5 to 3.2 mm.

CURRENT SYNOPTIC SITUATION:

The cyclonic circulation over Coastal Karnataka & neighbourhood now lies over eastcentral Arabian Sea & adjoining south Maharashtra between 3.1 and 5.8 km above mean sea level and tilting southwestwards with height.

An east-west shear zone between 3.1 & 3.6 km above mean sea level runs roughly along Lat. 16°N, across the above cyclonic circulation over eastcentral Arabian Sea & adjoining south Maharashtra.

A cyclonic circulation lies over southwest Bay of Bengal off Tamil Nadu Coast between 5.8 & 7.6 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	26.06.2019	27.06.2019	28.06.2019	29.06.2019	30.06.2019
Rainfall (mm)	8	6	1	6	10
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	6	10	10	10	10
Wind direction (deg)	250	270	290	320	290
Total cloud cover (octa)	7	6	5	7	8

Light rainfall is forecasted in the district by IMD & KAU.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
Paddy	Land preparation to transplanting	Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of <i>Pseudomonas</i> 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 monsoon showers, there is a chance of Sigatoka disease in banana. As a precaution, Spray <i>Pseudomonas</i> 20g/litre. In case of severe attack, spray 2 ml <i>hexaconazole</i> or 1 ml <i>propiconazole</i> per one litre of water by mixing it with a sticker and spray on both the surface of the leaf.
Coconut	Bud rot	There is a chance of bud rot in rainy season. Keep three numbers each of perforated Mancozeb sachets (5 gm) around spindle leaves as a prophylactic measure against bud rot.
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.
Animal Husbandry	Don't allow the animals to water logged areas to avoid foot lesions. (CAADECCS, KVASU, Mannuthy)	