



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 11/2020, (21)Tuesday

10.03.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 11.6 mm. The maximum temperature ranges from 34.7°C to 35.9°C, minimum temperature ranges from 23.5°C to 25.6°C. Morning relative humidity ranges from 87 % to 96% and afternoon relative humidity ranges from 46% to 55%. Wind speed ranges from 1.9 to 2.4 km/h. Bright sunshine hours range from 6.9 to 9.3 hours. Evaporation ranges from 3.7 to 5.0 mm.

CURRENT SYNOPTIC SITUATION: A trough /wind discontinuity runs from cyclonic circulation over Marathwada to south Tamil Nadu across interior Karnataka at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	11.03.2020	12.03.2020	13.03.2020	14.03.2020	15.03.2020
Rainfall (mm)	0	3	2	0	0
Maximum temperature(°C)	36	36	36	36	36
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	83	83	83	83	83
Minimum Relative Humidity (%)	56	56	56	56	56
Wind speed (kmph)	10	10	10	10	8
Wind direction (deg)	250	270	250	230	250
Total cloud cover (octa)	5	7	7	2	1

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Rice (Mundakan) Harvesting stage	-	Rice is in harvesting stage.
Banana	-	Boron deficiency is seen more during dry weather. Spray one gram borax per one litre of water.
Coconut	White fly	There is a chance of whitefly attack on coconut leaves during dry spell and they are controlled by beneficiary insects available in nature. If the whitefly attack is severe, spray 2% neem oil emulsion on the leaves.
	Sooty mould	There is a chance of sooty mould in coconut leaves during dry spell. Apply starch solution to control them.
Cucumber	Pumpkin Beetle	Sowing of cucumber can be done. Apply neem cake at the base for preventing pumpkin beetle.
Animal Husbandry		Give 30g sodium bicarbonate with one tea spoon yeast mixed in feed to avoid indigestion and acidity. (CAADECCS, KVASU, Mannuthy)