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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 21/2019(42), Friday

24.05.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 10.1 mm. The maximum temperature ranges from 33.9°C to 35.4°C, minimum temperature ranges from 21.2°C to 26.2°C. Morning relative humidity ranges from 89 % to 92% and afternoon relative humidity ranges from 51% to 65%. Wind speed ranges from 1.3 to 2.3 km/h. Bright sunshine hours range from 7.3 to 9.1 hours. Evaporation ranges from 3.3 to 4.4 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation extending upto 0.9 km above mean sea level lies over South Interior Karnataka & neighbourhood. A trough runs from the above cyclonic circulation to south Tamil Nadu across interior Tamil Nadu at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	25.05.2019	26.05.2019	27.05.2019	28.05.2019	29.05.2019
Rainfall (mm)	2	0	0	0	0
Maximum temperature (°C)	35	35	35	35	35
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	10	10	6	10	10
Wind direction (deg)	230	230	270	320	290
Total cloud cover (octa)	8	7	6	4	4

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
Paddy		Land preparation for virippu paddy can be started.
Pepper	Foot rot	There is a chance of foot rot in pepper. Add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg Neemcake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper.
Vegetables (cowpea, ivy gourd)	White fly Mealy bug Grass hopper	Due to increase in atmospheric temperature, the attack of insects such as whitefly, mealy bug and grass hopper was increased. They can be controlled by applying 2% neem oil emulsion once in a week. Land preparation can be started for vegetables.
Animal Husbandry		Seek advice to prevent ectoparasitic infestations. (CAADECCS, KVASU, Mannuthy)