



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

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

Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 49/2019(98), Friday

06.12.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 10.2 mm. The maximum temperature ranges from 30.7°C to 32.8 °C, minimum temperature ranges from 21.5°C to 23.8°C. Morning relative humidity ranges from 64 % to 90% and afternoon relative humidity ranges from 48% to 72%. Wind speed ranges from 2.7 to 13.9 km/h. Bright sunshine hours range from 0.7 to 8.6 hours. Evaporation ranges from 2.0 to 5.5 mm.

CURRENT SYNOPTIC SITUATION: The Cyclonic storm ‘Pawan’ over Southwest Arabian Sea lay centred at 0830 hrs.IST of 6th December 2019 near Latitude 8.1o N & Long 53.0o E over southeast Arabain sea. The trough in lower troposphere, easterlies over Comorin area & adjoining Equatorial Indian ocean lay over Maldives area and adjoining equatorial Indian ocean with embedded cyclonic circulation extending upto 3.6km above mean sea level.The well marked low pressure area over East central Arabian sea & neighbourrhod has become less marked.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	07.12.2019	08.12.2019	09.12.2019	10.12.2019	11.12.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature(°C)	31	31	31	31	31
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	70	70	70	70	70
Minimum Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	10	8	8	10	10
Wind direction (deg)	90	70	50	90	50
Total cloud cover (octa)	3	3	2	2	2

As per the weather forecast of IMD & KAU, there is a chance of high wind speed in the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Rice (Mundakan) Tillering stage	Leaf folder	There is a chance of leaf folder attack in mundakan Paddy. It can be controlled by using trichogramma cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray quinalphos @ 2ml per one liter of water.
	Bacterial Leaf blight	To control the spread of bacterial leaf blight in paddy, spray 6 g of streptocycline in 30 litre of water.
Banana	Management	Propping should be followed to reduce the damage due to high wind velocity.
	Spodoptera	Destroy the affected leaves along with the spodoptera. For severe attack, spray flubendiamide (fame) 2 ml/10 L of water.
Vegetables (Bhindi)	Green leaf hopper	There is a chance of green leaf hopper attack in bhindi. Spray 2 g thiamethoxam per 10 litre of water.
Animal Husbandry		1.Take precautions to avoid ecto parasitic infestation 2.Fevor, shivering, brown coloured urine, off feed are noticed, consult veterinary doctor immediately (CAADECCS, KVASU, Mannuthy)