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Agromet Advisory Service Bulletin

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



THRISSUR DISTRICT

AAS 31/2021, (61)Tuesday

27.07.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 108.3 mm. The maximum temperature ranges from 28.5°C to 30.0°C, minimum temperature ranges from 23.0°C to 24.3°C. Morning relative humidity ranges from 95% to 99% and afternoon relative humidity ranges from 70% to 90%. Wind speed ranges from 0.9 to 3.0 km/h. Bright sunshine hours range from 0.0 to 5.3 hours. Evaporation ranges from 1.6 to 2.6 mm.

CURRENT SYNOPTIC SITUATION: The low pressure area lies over North Bay of Bengal & neighborhood with associated cyclonic circulation extending up to mid tropospheric level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	28.07.2021	29.07.2021	30.07.2021	31.07.2021	01.08.2021
Rainfall (mm)	8	7	6	5	10
Maximum temperature(°C)	31	31	32	32	32
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	97	97	97	97	97
Minimum Relative Humidity (%)	72	72	72	72	72
Wind speed (kmph)	6	6	8	8	8
Wind direction (deg)	270	270	290	290	290
Total cloud cover (octa)	8	8	8	7	8

As per the forecast of IMD & KAU, there is a chance of light rainfall in the district. Normal rainfall is expected in Kerala.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing.		
Paddy (virippu) Tillering stage	Bacterial Leaf blight	To control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas in one litre of water.
Banana	Sigatoka disease	Ensure drainage facilities in low land banana plantations. As a prophylactic measure spray 1% Bordeaux mixture. If Sigatoka attack is seen, spray one milli liter hexaconazole or one milli liter propiconazole per one liter of water on both the surface of the leaf.
	Rhizome rot	Due to the increase in rainfall, there is a chance of Rhizome rot in banana. As a precaution, pour 3 litre of pseudomonas solution (20 gm per 1 litre) at the basin.
Nutmeg	Leaf fall	As a precautionary measure to manage leaf fall during rainy season, spray 1% bordeaux mixture.
Ginger and Turmeric	Soft rot	During rainy season, apply mixture of 15 gram bleaching powder and 250 gram lime in to the basin of three meter square bed to avoid the spreading of soft rot in ginger and turmeric.
Vegetables (Cowpe)	Anthrachnose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. As a prophylactic measure, apply 1% Bordeaux mixture or spray pseudomonas 20 gm per liter.
Animal Husbandry	Avoid water logging in the cattle shed premises to prevent mosquito breeding. If required apply mosquito / fly repellent on the animal body and in the cattle shed.(caadeccs, kvasu, Mannuthy)	