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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 22/2020, (43) Tuesday

26.05.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall 19.4 mm. The maximum temperature ranges from 30.3°C to 35.8°C, minimum temperature ranges from 24.5°C to 27.2°C. Morning relative humidity ranges from 88% to 98% and afternoon relative humidity ranges from 55% to 75%. Wind speed ranges from 1.3 to 3.6 km/h. Bright sunshine hours range from 0.5 to 8.3 hours. Evaporation ranges from 1.5 to 4.3 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Coastal Karnataka & neighbourhood at 2.1 km above mean sea level. Another cyclonic circulation lies over southeast Arabian Sea & neighbourhood at 5.8 km above mean sea level. The trough runs from south Chhattisgarh to interior Tamilnadu at 0.9 km above mean sea level across across Telangana and Rayalaseema. A cyclonic circulation lies over Southwest Bay of Bengal and neighbourhood between 2.1 and 5.8 km above mean sea level.

HEAVY RAINFALL WARNING:

DAY 3: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Malappuram, Idukki, Kozhikode, Wayanad, Alappuzha, Pathanamthitta, Kottayam, Ernakulam and Trissur.

DAY 4: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Kollam, Alappuzha, Kottayam, Idukki, Ernakulam, Thrissur, Malappuram and Palakkad

DAY 5: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of of Kottayam, Idukki, Ernakulam, Thrissur, Palakkad, Malappuram, Kozhikode & Kannur.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	27.05.2020	28.05.2020	29.05.2020	30.05.2020	31.05.2020
Rainfall (mm)	8	12	12	15	20
Maximum temperature(°C)	36	35	35	35	35
Minimum temperature (°C)	26	26	26	26	26
Maximum Relative Humidity (%)	92	92	92	92	92
Minimum Relative Humidity (%)	67	67	67	67	67
Wind speed (kmph)	10	8	10	8	8
Wind direction (deg)	270	230	230	230	230
Total cloud cover (octa)	7	8	8	8	8

As per the forecast of IMD & KAU, there is a chance of moderate rainfall 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.		
Paddy	-	Land preparation for <i>Virippu</i> paddy is going on.
Banana	Sigatoka disease	As a prophylactic measure to manage sigatoka disease in banana, spray 20 g Pseudomonas per one litre of water.
Pepper	Foot rot	As a prophylactic measure to manage foot rot in pepper, add 2 kg trichoderma to a mixture of 90 kg FYM and 10 kg neem cake 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.
Nutmeg	Leaf fall	As a precautionary measure to manage leaf fall in nutmeg, spray 1% bordeaux mixture.
Vegetables	-	Addition of cow dung enriched with trichoderma to the soil at the time of planting of vegetables is a prophylactic measure to reduce the fungal diseases.
Animal Husbandry	Before the rainy season begins, keep the cattle shed clean and tidy.	