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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

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SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 31.3 mm. The maximum temperature ranges from 28.5°C to 35.3°C, minimum temperature ranges from 23.7°C to 25.2°C. Morning relative humidity ranges from 85% to 97% and afternoon relative humidity ranges from 62% to 98%. Wind speed ranges from 2.3 to 3.6 km/h. Bright sunshine hours range from 0.2 to 8.2 hours. Evaporation ranges from 2.0 to 5.2 mm.

CURRENT SYNOPTIC SITUATION: A low pressure area lies over northeast Madhya Pradesh and neighbourhood with associated cyclonic circulation extending upto 4.5km above mean sea level

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	06.06.2020	07.06.2020	08.06.2020	09.06.2020	10.06.2020
Rainfall (mm)	25	25	18	19	24
Maximum temperature(°C)	31	31	31	31	31
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	92	92	92	92	92
Minimum Relative Humidity (%)	72	72	72	72	72
Wind speed (kmph)	8	10	12	12	10
Wind direction (deg)	230	230	230	250	270
Total cloud cover (octa)	8	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: Proper drainage facilities should be ensured to protect the agricultural crops from pest & diseases during rainy season.		
Paddy	-	Land preparation and nursery for virippu paddy is going on.
Coconut	Bud rot	There is a chance of bud rot disease in coconut palm, due to continuous rain. Small-perforated sachets (3 nos.) containing 5 g each of mancozeb may be tied to the top crown portion and leaf axil. When it rains, a small quantity of the fungicide is released from the sachets to the leaf base thus protecting the palm.
Banana	Sigatoka disease	If there is sigatoka disease seen in banana, as a prophylactic measure, spray 20 g Pseudomonas per one litre of water. Ensure drainage facilities in low land banana plantations.
Pepper	Foot rot	As a prophylactic measure to manage foot rot during rainy season, add 2 kg Trichoderma to a mixture of 90 kg FYM &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 during rainy season, spray 1% bordeaux mixture.
Vegetables (Chilly,Bringal)	-	Dipping roots in Pseudomonas solution can be recommended before planting seedlings.
Animal Husbandry	Avoid waterlogged area for construction of poultry shed. Extend overhanging roof in order to avoid rainwater falling inside the shed.	