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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

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17.07.2020

**SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:**

The total rainfall received 105.3 mm. The maximum temperature ranges from 30.0°C to 32.0°C, minimum temperature ranges from 21.9°C to 23.8°C. Morning relative humidity ranges from 89% to 98% and afternoon relative humidity ranges from 65% to 96%. Wind speed ranges from 0.5 to 1.9 km/h. Bright sunshine hours range from 0.0 to 8.4 hours. Evaporation ranges from 1.6 to 3.5 mm.

**CURRENT SYNOPTIC SITUATION:** An east-west shear zone runs roughly along Latitude 20°N between 3.1 & 5.8 km above mean sea level tilting southwards with height. An off-shore trough at mean sea level runs from eastcentral Arabian Sea off Karnataka coast to Lakshadweep area.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

Weather parameters	18.07.2020	19.07.2020	20.07.2020	21.07.2020	22.07.2020
Rainfall (mm)	25	15	5	8	15
Maximum temperature(°C )	27	27	29	29	29
Minimum temperature (°C )	22	22	23	23	23
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	67	67	67	67	67
Wind speed (kmph)	12	10	8	12	8
Wind direction (deg)	250	290	290	290	270
Total cloud cover (octa)	8	8	7	6	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
<b>General Advisories:</b> Proper drainage facilities should be ensured to protect the agricultural crops from pest & diseases during rainy season.		
Paddy	Seedling stage	Since the relative humidity of air is more, there is a chance of fungal diseases in paddy. As a prophylactic measure, spray pseudomonas 20 gm per litre.
Coconut	Management	During southwest monsoon season, 25 to 50 kilogram of organic manure can be applied per one matured palm by opening the coconut basin.
Banana	Sigatoka disease	During rainy season, ensure drainage facilities in low land banana plantations. If there is sigatoka disease is seen in banana, as a prophylactic measure, spray 1% Bordeaux mixture.
Vegetables (Cowpea)	Anthraco nose 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 litre of water.
Animal Husbandry	Don't allow the animals to water logged areas to avoid foot lesions.	