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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

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**03.07.2020**

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

The total rainfall received 126 mm. The maximum temperature ranges from 29.8°C to 32.0°C, minimum temperature ranges from 22.6°C to 24.1°C. Morning relative humidity ranges from 85% to 99% and afternoon relative humidity ranges from 66% to 87%. Wind speed ranges from 0.4 to 1.4 km/h. Bright sunshine hours range from 2.0 to 4.7 hours. Evaporation ranges from 1.8 to 2.8mm.

**CURRENT SYNOPTIC SITUATION:** The cyclonic circulation over Westcentral & adjoining Northwest Arabian Sea extending upto 5.8 km above mean sea level persists. The off-shore trough from north Maharashtra coast to Karnataka coast runs from north Maharashtra coast to north Kerala coast. A cyclonic circulation lies over Westcentral Bay of Bengal off Andhra Pradesh coast at 3.1 km above mean sea level.

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

Weather parameters	04.07.2020	05.07.2020	06.07.2020	07.07.2020	08.07.2020
Rainfall (mm)	21	18	10	11	8
Maximum temperature(°C )	31	31	31	31	31
Minimum temperature (°C )	23	23	23	23	23
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	80	80	80	80	80
Wind speed (kmph)	4	4	6	6	4
Wind direction (deg)	290	250	270	290	290
Total cloud cover (octa)	8	8	8	8	8

As per the forecast of IMD & KAU, there is a chance of decreasing the intensity of rainfall.

**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	During rainy season, the micronutrient deficiency of paddy can be managed by spraying 10 gram of paddy samporna in one litre of water.
Coconut	Management	During the beginning of southwest monsoon season, one-kilogram lime can be applied per one matured palm by opening the coconut basin.
Banana	Pseudo stem weevil	There is a chance of pseudo stem weevil attack in banana. As a precaution, apply 50 g neem cake powder in leaf axils.
Vegetables	Management	During rainy season, the micronutrient deficiency of vegetables can be managed by spraying 5 gram of vegetable samporna in one litre of water.
Animal Husbandry		Keep the cattle shed and premises clean to avoid mosquito breeding. Avoid waterlogging near the cattle shed. The cowdung pit can be covered to protect from direct falling of rain.