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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 27/2020,(53) Tuesday

30.06.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 44.7 mm. The maximum temperature ranges from 29.8°C to 32.0°C, minimum temperature ranges from 22.6°C to 24.3°C. Morning relative humidity ranges from 85% to 99% and afternoon relative humidity ranges from 68% to 75%. Wind speed ranges from 0.0 to 1.4 km/h. Bright sunshine hours range from 0.0 to 6.4 hours. Evaporation ranges from 1.4 to 2.9 mm.

CURRENT SYNOPTIC SITUATION: An off-shore trough runs from North Maharashtra to Karnataka coast. A cyclonic circulation lies over Westcentral Arabian sea & neighbourhood between 3.1 km & 3.6 km above mean sea level. A cyclonic circulation lies over North Interior Karnataka & neighbourhood between 4.5 km & 5.8 km above mean sea level.

HEAVY RAINFALL WARNING:

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

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	01.07.2020	02.07.2020	03.07.2020	04.07.2020	05.07.2020
Rainfall (mm)	5	12	20	20	16
Maximum temperature(°C)	31	31	31	31	31
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	6	8	12	8	10
Wind direction (deg)	270	270	270	290	290
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	Seedling stage	During rainy season, the micronutrient deficiency of paddy can be managed by spraying 10 gram of paddy sampoorana in one litter of water.
Coconut	Management	During the begining of southwest monsoon season, one-kilogram lime can be applid 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	-	During rainy season, the micronutrient deficiency of vegetables can be managed by spraying 5 gram of vegetable sampoorana in one litter 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.	