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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 155.1 mm. The maximum temperature ranges from 28.2°C to 30.6°C, minimum temperature ranges from 22.7°C to 23.8°C. Morning relative humidity ranges from 96% to 97% and afternoon relative humidity ranges from 73% to 99%. Wind speed ranges from 0.5 to 1.6 km/h. Bright sunshine hours range from 0.0 to 1.1 hours. Evaporation ranges from 1.7 to 2.3 mm.

CURRENT SYNOPTIC SITUATION: A Low Pressure Area lies over northeast Arabian Sea & adjoining south Pakistan with associated cyclonic circulation extending upto 3.6 km above mean sea level. An off-shore trough at mean sea level runs from Eastcentral Arabian Sea off Goa coast to Kerala coast. A cyclonic circulation lies over Eastcentral Arabian Sea off north Maharashtra coast at 5.8 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	11.07.2020	12.07.2020	13.07.2020	14.07.2020	15.07.2020
Rainfall (mm)	2	9	4	10	10
Maximum temperature(°C)	30	30	30	30	30
Minimum temperature (°C)	22	22	22	22	22
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	74	74	74	74	74
Wind speed (kmph)	6	6	6	10	10
Wind direction (deg)	270	270	340	270	290
Total cloud cover (octa)	7	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
General Advisories: Proper drainage facilities should be ensured to protect the agricultural crops from pest & diseases during rainy season.		
Paddy	Seedling stage	The micronutrient deficiency of paddy can be managed during rainy season, by spraying 10 gram of paddy sampurna in one litre of water.
Coconut	Management	During the begining of southwest monsoon season, one-kilogram lime can be applied per one matured palm by opening the coconut basin.
Banana	Rhizome rot	Due to the increase in rainfall, there is a chance of Rhizome rot in banana. As a precaution, pour three litre of pseudomonas solution (20 gm per one litre) at the basin.
Cucurbitaceous Vegetables	Downy mildew	Due to high relative humidity, there is a chance of downy mildew attack in cucurbitaceous vegetables. As a prophylactic measure, spray pseudomonas solution (20 g per one litre) under the leaves.
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 avoid direct falling of rain.	