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**Agromet Advisory Service Bulletin**

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



**THRISSUR DISTRICT**

**AAS 18/2021, (35)Tuesday**

**27.04.2021**

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

The total rainfall received 34.9 mm. The maximum temperature ranges from 31.0°C to 35.1°C, minimum temperature ranges from 19.6°C to 24.3°C. Morning relative humidity ranges from 87% to 98% and afternoon relative humidity ranges from 55% to 70%. Wind speed ranges from 0.4 to 2.6 km/h. Bright sunshine hours range from 0.0 to 9.7 hours. Evaporation ranges from 1.6 to 4.2 mm.

**CURRENT SYNOPTIC SITUATION:** A North-South trough runs from North Interior Karnataka to Comorin area across interior Kerala at 0.9 km above mean sea level. A cyclonic circulation lies over southwest Bay of Bengal off north Tamil Nadu coast between 2.1 km & 3.6 km above mean sea level.

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

Weather parameters	28.04.2021	29.04.2021	30.04.2021	01.05.2021	02.05.2021
Rainfall (mm)	0.2	6	5	2	3
Maximum temperature(°C )	35	35	35	35	35
Minimum temperature (°C )	25	24	24	24	24
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	62	62	62	62	62
Wind speed (kmph)	8	10	8	8	10
Wind direction (deg)	250	250	270	270	270
Total cloud cover (octa)	6	7	6	6	5

Moderate rainfall is forecasted in isolated places of the district by IMD & KAU. Above normal rainfall is expected in Kerala.

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories:</b> Precaution should be taken during drying of agricultural products and spraying of pesticides.		
Rice	-	Dry sown crop is starting, the land should be prepared well by through ploughing and levelling. Dress the seeds with pseudomonas before sowing. (10 gram of pseudomonas per one kg of paddy seeds.)
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	Sigatoka disease	There is a chance of sigatoka disease in banana. As a precaution, Spray 20 g Pseudomonas per one liter of water. Ensure drainage facilities in low land banana plantations.
Ginger, Turmeric	Planting time	While preparing land for ginger and turmeric cultivations apply 2 to 3 kg lime per cent. As a prophylactic measure against foot rot disease, the ginger and turmeric rhizome should be soaked in the 0.3 percent mancozeb or pseudomonas solution (3 gram per one litter of water) for 30 minutes. Moreover 90 kg FYM mixed with one kg Trichoderma and kept under shade for two weeks with sufficient moisture and can be applied.
Animal Husbandry		Care should be taken to prevent rat breeding in the premises of cattle shed to prevent leptospyrosis.