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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 24/2021, (48)Friday

11.06.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 140.8 mm. The maximum temperature ranges from 27.9°C to 33.0°C, minimum temperature ranges from 23.4°C to 24.8°C. Morning relative humidity ranges from 86% to 98% and afternoon relative humidity ranges from 60% to 93%. Wind speed ranges from 0.4 to 2.3 km/h. Bright sunshine hours range from 0.0 to 9.6 hours. Evaporation ranges from 1.4 to 3.7 mm.

CURRENT SYNOPTIC SITUATION: An offshore trough lies from North Maharashtra coast to North Kerala coast. A low pressure area lies over North west Bay of Bengal and adjoining Odisha & Gangetic West Bengal coasts with associated Cyclonic circulation extending upto mid tropospheric levels. It is likely to become more marked during next 24 hours and move west- northwestwards across Odisha

HEAVY RAINFALL WARNING: Day 3: Heavy (7- 11 cm in 24 hours) rainfall is very likely to occur at isolated places in the districts of Thiruvananthapuram ,Kollam, Pathanamthitta, Alappuzha, Kottayam, Idukki, Ernakulam, Thrissur, Malappuram ,Kozhikode, Kannur & Kasaragod.

Day 4: Heavy (7- 11 cm in 24 hours) rainfall is very likely to occur at isolated places in the districts of Idukki,Ernakulam,Thrissur, Palakkad,Malappuram ,Kozhikode, Wayanad, Kannur & Kasaragod.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	12.06.2021	13.06.2021	14.06.2021	15.06.2021	16.06.2021
Rainfall (mm)	18	20	22	20	24
Maximum temperature(°C)	31	31	30	30	30
Minimum temperature (°C)	24	24	23	23	23
Maximum Relative Humidity (%)	89	89	89	89	89
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	10	10	8	10	12
Wind direction (deg)	270	270	270	270	250
Total cloud cover (octa)	8	8	8	8	8

Moderate rainfall is forecasted in the district by IMD & KAU. Normal to above normal rainfall is expected in Kerala.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Proper drainage facilities have to be ensured. If the soil is more acidic, add lime as per soil testing.		
Paddy	Sowing to transplanting	Transplant seedlings at 4 to 5 leaf stage. At the time of soaking seeds, the seeds are soaked in pseudomonas @ 10 g per one kg of seed. At the time of transplanting, roots of seedlings can be dipped in pseudomonas solution prepared @ 20 gram per one liter of water to control sheath blight, sheath rot, leaf spot disease etc. in future.
Banana	Sigatoka disease	Ensure drainage facilities in low land banana plantations. As a prophylactic measure spray 1% Bordeaux mixture. If Sigatoka attack is seen, spray one ml hexaconazole or one ml propiconazole per one liter of water on both the surface of the leaf.
Nutmeg	Leaf fall	There is a chance of leaf fall in nutmeg during monsoon season. As a prophylactic measure, spray 1% Bordeaux mixtures.
Vegetables	Downy mildew	There is a chance of downy mildew attack in vegetables. Spray 2.5gm Mancozeb per one litre of water under the leaves.
Animal Husbandry		To prevent the mixing of contaminated water in water sources, apply bleaching powder or other disinfectants available in the market as per manufacturer's instructions.