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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

**AAS 22/2020,(44) Tuesday**

**29.05.2020**

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

The total rainfall received 7.5 mm. The maximum temperature ranges from 32.8°C to 35.8°C, minimum temperature ranges from 24.8°C to 27.2°C. Morning relative humidity ranges from 88% to 96% and afternoon relative humidity ranges from 55% to 68%. Wind speed ranges from 1.6 to 3.6 km/h. Bright sunshine hours range from 0.7 to 10.1 hours. Evaporation ranges from 2.5 to 4.3 mm.

**CURRENT SYNOPTIC SITUATION:** A Well Marked Low pressure area lies over Westcentral Arabian Sea with associated cyclonic circulation extending upto mid tropospheric levels. A cyclonic circulation lies over southeast Arabian Sea off Kerala coast between 3.1 and 5.8 km above mean sea level. A trough runs from west Vidarbha to south Tamilnadu across Marathwada andTelangana at 0.9 km above mean sea level.

**HEAVY RAINFALL WARNING:**

- DAY 1: Very Heavy rainfall (12-20 cm in 24 hours)** is very likely to occur at one or two places in the districts of Idukki, Erankulam, Alappuzha & Thrissur.  
**Heavy rainfall (7- 11 cm in 24 hours)** is very likely to occur at one or two places in the districts of Thiruvananthapuram, Kollam, Pathanamthitta & Malappuram and in Lakshadweep.
- DAY 2: Very Heavy rainfall (12-20 cm in 24 hours)** is very likely to occur at one or two places in the districts of Thiruvananthapuram, Kollam, Idukki, Malappuram & Kozhikode.  
**Heavy rainfall (7- 11 cm in 24 hours) to Very Heavy rainfall (12-20 cm in 24 hours)** is very likely to occur at one or two Places in Lakshadweep.  
**Heavy rainfall (7- 11 cm in 24 hours)** is very likely to occur at one or two places in the districts of Pathanamthitta Alappuzha, Kottayam, Ernakulam, Thrissur and Kannur .
- DAY 3: Very Heavy rainfall (12-20 cm in 24 hours)** is very likely to occur at one or two places in the districts of Erankulam, Alappuzha & Kottayam.  
**Heavy rainfall (7- 11 cm in 24 hours) to Very Heavy rainfall (12-20 cm in 24 hours)** is very likely to occur at one or two Places in Lakshadweep.  
**Heavy rainfall (7- 11 cm in 24 hours)** is very likely to occur at one or two places in the districts of Kollam, Pathanamthitta, Idukki, Thrissur, Kozhikode , Kannur & Malappuram.
- DAY 4: Heavy rainfall (7- 11 cm in 24 hours) to Very Heavy rainfall (12-20 cm in 24 hours)** is very likely to occur at one or two Places in Lakshadweep.  
**Heavy rainfall (7- 11 cm in 24 hours)** is very likely to occur at one or two places in the districts of Kottayam, Idukki, Ernakulam, Thrissur, Malappuram, Kozhikode and Kannur.
- DAY 5: Heavy rainfall (7- 11 cm in 24 hours)** is very likely to occur at one or two places in the districts of Alappuzha, Kottayam, Kollam, Idukki, Ernakulam, Thrissur Malappuram, Kozhikode & Kannur and in Lakshadweep.

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

Weather parameters	30.05.2020	31.05.2020	01.06.2020	02.06.2020	03.06.2020
Rainfall (mm)	15	15	4	15	20
Maximum temperature(°C )	35	35	35	35	35
Minimum temperature (°C )	24	24	24	24	24
Maximum Relative Humidity (%)	92	92	92	92	92
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	6	8	14	10	8
Wind direction (deg)	200	230	180	180	200
Total cloud cover (octa)	8	8	7	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
<b>General Advisories:</b> As a precaution, use bio-pesticides to control the crop pests and diseases.		
Paddy	-	Land preparation for virippu paddyis going on.
Banana	Sigatoka disease	As a prophylactic measure to manage sigatoka disease in banana, spray 20 g Pseudomonas per one litre of water.
Pepper	Foot rot	As a prophylactic measure to manage foot rot in pepper, add 2 kg Trichoderma to a mixture of 90 kg FYM &10 kg Neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper.
Nutmeg	leaf fall	As a precautionary measure to manage leaf falling in nutmeg, spray 1% bordeaux mixture.
Vegetables	-	Addition of cow dung enriched with trichoderma to the soil at the time of planting of vegetables is a prophylactic measure to reduce the fungal diseases.
Animal Husbandry		Before the rainy season begins, keep the cattle shed clean and tidy.