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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 31/2020,(61) Tuesday

28.07.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 55.4 mm. The maximum temperature ranges from 30.9°C to 33.0°C, minimum temperature ranges from 22.4°C to 24.6°C. Morning relative humidity ranges from 86% to 98% and afternoon relative humidity ranges from 65% to 75%. Wind speed ranges from 0.7 to 2.5 km/h. Bright sunshine hours range from 3.9 to 6.0 hours. Evaporation ranges from 2.0 to 4.2 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Southeast Bay of Bengal and adjoining Southwest Bay of extending upto 5.8 km above mean sea level tilting southwestwards with height.

HEAVY RAINFALL WARNING:

DAY 2: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at a few places in the districts of Alappuzha, Kottayam, Ernakulam & Thrissur.

DAY 3: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at a few places in the districts of Kottayam, Ernakulam, Thrissur, Palakkad, Kannur & Kasaragod.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	29.07.2020	30.07.2020	31.07.2020	01.08.2020	02.08.2020
Rainfall (mm)	31	28	35	21	24
Maximum temperature(°C)	31	31	31	31	31
Minimum temperature (°C)	22	22	22	22	22
Maximum Relative Humidity (%)	99	99	99	99	99
Minimum Relative Humidity (%)	71	71	71	71	71
Wind speed (kmph)	10	12	8	10	12
Wind direction (deg)	270	270	250	250	270
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.		
Rice (Virippu) Tillering stage	Bacterial Leaf Blight (BLB)	As a prophylactic measure to manage Bacterial Leaf Blight during rainy season, spray a mixture of cow dung slurry (20g cow dung per one litre of water) and pseudomonas solution (20g per one litre of water).
Banana	Panama wilt	There is a chance of panama wilt in banana varieties like poovan, kadali etc. Drench the soil with one gram of carbendazim in one litre of water.
Vegetables (Cowpea)	Anthraxnose disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. As a prophylactic measure, apply 1% Bordeaux mixture or spray copper oxychloride 3 gram per one litre of water.
Animal Husbandry	Deworming of animals should be done only after dung sample examination. In calves first dose of medicine should be given within 15 days of age.	