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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 44/2019(88), Friday

01.11.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 66.3 mm. The maximum temperature ranges from 30.1°C to 32.9°C, minimum temperature ranges from 19.8°C to 20.7°C. Morning relative humidity ranges from 77% to 97% and afternoon relative humidity ranges from 53% to 85%. Wind speed ranges from 0.9 to 9.0 km/h. Bright sunshine hours range from 0.7 to 8.0 hours. Evaporation ranges from 1.8 to 3.0 mm.

CURRENT SYNOPTIC SITUATION: The Severe Cyclonic Storm 'Maha' over eastcentral Arabian Sea and adjoining Lakshadweep area moved northwestwards and lay centered at 0830 hours IST of 1st November, 2019 near Latitude 14.8°N and Longitude 71.0°E over eastcentral Arabian Sea about 450 km north-northwest of Aminidivi (Lakshadweep), 460 km north-northwest of Mangaluru (Karnataka) and 310 km southsouthwest of Goa. The Depression over westcentral Arabian Sea moved southwestwards and lay centred at 0830 hours IST of today, the 1st November, 2019 over westcentral Arabian Sea near Latitude 16.3°N and Longitude 59.0°E, about 1490 km west-southwest of Mumbai (Maharashtra), 540 km east-northeast of Salalah (Oman) and 480 km south-southeast of Masirah (Oman).

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	02.11.2019	03.11.2019	04.11.2019	05.11.2019	06.11.2019
Rainfall (mm)	2	4	8	10	10
Maximum temperature(°C)	33	33	33	33	33
Minimum temperature (°C)	22	23	23	23	23
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	4	5	6	4	3
Wind direction (deg)	240	270	320	320	240
Total cloud cover (octa)	3	4	7	3	1

Light rainfall is forecasted in the district by IMD & KAU.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Rice (Mundakan) Transplanting stage	gall midge	During this special weather condition, there is a chance of gall midge attack in mundakan paddy. As a prophylactic measure, root of the seedlings are dipped in 0.02% chlorpyrifos suspension for 12 hours prior to planting.
Banana	-	To control leaf curling in banana, due to calcium deficiency, apply 250g lime per banana plant.
Vegetables	-	This is the best time to sow cabbage and cauliflower seeds in the nursery beds. Addition of pseudomonas culture to the soil at the time of planting of cabbage and cauliflower will help to reduce fungal diseases.
Animal Husbandry		Animal should not be allowed to graze in open grazing lands to avoid lightening risk. (CAADECCS, KVASU Mannuthy)