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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 44/2019(87), Tuesday

29.10.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 107.0 mm. The maximum temperature ranges from 30.1°C to 32.9°C, minimum temperature ranges from 19.8°C to 20.8°C. Morning relative humidity ranges from 88 % to 98% and afternoon relative humidity ranges from 53% to 71%. Wind speed ranges from 0.9 to 1.6 km/h. Bright sunshine hours range from 0.0 to 8.0 hours. Evaporation ranges from 1.9 to 3.1 mm.

CURRENT SYNOPTIC SITUATION: The Super Cyclonic Storm 'KYARR' over westcentral and adjoining eastcentral & north Arabian Sea moved westnorthwestwards, weakened into an Extremely Severe Cyclonic Storm over westcentral & adjoining eastcentral & north Arabian Sea and lay centered at 0830 hrs IST of today, 29th October 2019, near Lat. 19.2°N and Long. 63.4°E, about 990 km west of Mumbai, 1010 km east-northeast of Salalah (Oman) and 500 km eastsoutheast of Masirah (Oman). A Well Marked Low Pressure Area over Comorin area & adjoining equatorial Indian ocean with an associated cyclonic circulation extending upto mid-tropospheric levels.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	30.10.2019	31.10.2019	01.11.2019	02.11.2019	03.11.2019
Rainfall (mm)	4	10	15	2	2
Maximum temperature(°C)	33	33	32	32	32
Minimum temperature (°C)	21	21	21	21	21
Maximum Relative Humidity (%)	99	99	99	99	99
Minimum Relative Humidity (%)	75	75	75	75	75
Wind speed (kmph)	14	6	8	4	4
Wind direction (deg)	50	140	160	250	320
Total cloud cover (octa)	7	8	8	6	6

Light rainfall in the district and heavy rainfall in isolated places are forecasted 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)