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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 25/2019(49), Tuesday

18.06.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 153.1 mm. The maximum temperature ranges from 28.9°C to 32.8°C, minimum temperature ranges from 22.2°C to 24.3°C. Morning relative humidity ranges from 95 % to 98% and afternoon relative humidity ranges from 70% to 97%. Wind speed ranges from 0.9 to 1.8 km/h. Bright sunshine hours range from 0.0 to 8.4 hours. Evaporation ranges from 1.5 to 3.2 mm.

CURRENT SYNOPTIC SITUATION:

The Well Marked Low Pressure Area over Northeast Arabian Sea and adjoining Saurashtra & Kutch now lies as a Low Pressure Area over Kutch and adjoining areas of southwest Rajasthan and south Pakistan. Associated cyclonic circulation extends upto 3.1 km above mean sea level.

A cyclonic circulation lies over westcentral Bay of Bengal off north Andhra Pradesh coast between 4.5 and 5.8 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	19.06.2019	20.06.2019	21.06.2019	22.06.2019	23.06.2019
Rainfall (mm)	15	15	20	30	30
Maximum temperature (°C)	33	33	33	33	33
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	98	98	98	98	98
Minimum Relative Humidity (%)	72	72	72	72	72
Wind speed (kmph)	10	10	8	8	8
Wind direction (deg)	290	270	270	270	320
Total cloud cover (octa)	6	6	7	8	8

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
Paddy	Land preparation to transplanting	Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of <i>Pseudomonas</i> culture @10g/litre per kg of seeds. The above seed treatment can also be used to control sheath blight, sheath rot, leaf spot disease etc.
Vegetables	Downy mildew	There is a chance of downy mildew attack in vegetables due to the onset of south west monsoon. Application of 2g Curzate M-8 or Trichoderma 20g/litre under the leaves in 15 days interval is effective.
Coconut	Bud rot	There is a chance of bud rot in rainy season. Keep three numbers each of perforated Mancozeb sachets (5 gm) around spindle leaves as a prophylactic measure against bud rot.
Pepper	Foot rot	There is a chance of foot rot disease due to high relative humidity. Add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg Neemcake 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.
Animal Husbandry	Add disinfectant in the drinking water. (CAADECCS, KVASU, Mannuthy)	