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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

08/2021, (16)Friday

19.02.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. The maximum temperature ranges from 33.8C to 35.9°C, minimum temperature ranges from 18.9°C to 22.8°C. Morning relative humidity ranges from 55% to 95% and afternoon relative humidity ranges from 22% to 44%. Wind speed ranges from 2.8 to 7.1 km/h. Bright sunshine hours range from 6.9 to 10.4 hours. Evaporation ranges from 3.9 to 6.8 mm.

CURRENT SYNOPTIC SITUATION:

A trough in low level easterlies runs from north Kerala coast to south Gujarat coast at 0.9 km above mean sea level.

A trough in low level easterlies runs from Southwest Bay of Bengal adjoining Sri Lanka coast to north Tamil Nadu coast at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	20.02.2021	21.02.2021	22.02.2021	23.02.2021	24.02.2021
Rainfall (mm)	0.2	0.1	0	0	0
Maximum temperature(°C)	35	35	35	35	35
Minimum temperature (°C)	22	23	23	23	23
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	48	48	48	48	48
Wind speed (kmph)	6	10	4	10	12
Wind direction (deg)	250	270	70	270	270
Total cloud cover (octa)	5	5	4	4	2

Very light rainfall is forecasted in isolated places of the district by IMD & KAU. Below normal rainfall is expected in Kerala

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Precaution should be taken during drying of agricultural products and spraying of pesticides.		
Rice (Mundakan) Dough stage	Rice bug	There is a chance of rice bug attack in paddy. To control, keep the field and bunds free of weeds and grasses. Avoid over lapping cultivation in an area. Spray fish jaggery extract (20 ml/litre of water) or spray chitin based <i>Pseudomonas flurescens</i> 20 gram in one litre of water. If the attack was severe, spray Azadirachtin 10 ml or Malathion 2 ml per litre of water. Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination. Spraying should be in spiral manner, beginning at the field bunds and progressing towards the field centre.
	Blast	To control Blast disease in rice, spray 4 gram of Nativo (Trifloxystrobin + Tebuconazole) mixture in ten litres of water.
Vegetables	-	The micronutrient deficiency of vegetables can be managed by spraying 5 gram of vegetable sampoorna in one litter of water.
Cucumber	Pumpkin Beetle	Sowing of cucumber can be done. Apply neem cake at the base for preventing pumpkin beetle.
Animal Husbandry	1.Take precautions to avoid ecto parasitic infestation 2.Fever, shivering, brown coloured urine, off feed are noticed, consult veterinary doctor immediately	

