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Agromet Advisory Service Bulletin

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THRISSUR DISTRICT

AAS 12/2021, (24)Friday

19.03.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.4 mm. The maximum temperature ranges from 35.9C to 37.9C, minimum temperature ranges from 21.8°C to 23.2°C. Morning relative humidity ranges from 66% to 92% and afternoon relative humidity ranges from 20% to 31%. Wind speed ranges from 2.3 to 4.2 km/h. Bright sunshine hours range from 7.4 to 10.2 hours. Evaporation ranges from 3.6 to 5.9 mm.

CURRENT SYNOPTIC SITUATION : A cyclonic circulation lies over Equatorial Indian ocean and adjoining south west Bay of Bengal off south Sri Lanka coast at 1.5 km above mean sea level .

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	20.03.2021	21.03.2021	22.03.2021	23.03.2021	24.03.2021
Rainfall (mm)	0	0.1	0.1	2	0
Maximum temperature(°C)	38	37	37	37	37
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	72	72	72	72	72
Minimum Relative Humidity (%)	61	61	61	61	61
Wind speed (kmph)	10	12	12	12	12
Wind direction (deg)	270	250	250	250	250
Total cloud cover (octa)	6	2	2	7	5

Light rainfall is forecasted in isolated places of the district by IMD & KAU. 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) Harvesting 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.
	Blast	To control Blast disease in rice, spray 4 gram of Nativo (Trifloxystrobin + Tebuconazole) mixture in ten litres of water.
	Glume discolouration	During the 50% panicle emergence stage, there is a chance of glume discolouration in rice. To control this, spray 2 gram Kocide per one litre of water.
Chilli	Thrips	There is a chance of thrips attack in chilly. Apply 2% neem oil+ garlic emulsion under the leaf surface at 10 days intervals. (50 g bar soap was dissolved in hot water and mixed with 200 ml neem oil and 200 gram filtered garlic extract, and diluted with water to make into 10 liter emulsion).If the attack is severe, apply spiromecifen 8 ml per ten litre of water.
Animal Husbandry		Give 30g sodium bicarbonate with one tea spoon yeast mixed in feed to avoid indigestion and acidity.