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Agromet Advisory Service Bulletin

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



THRISSUR DISTRICT

AAS 11/2021, (22)Friday

12.03.2021

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 31.4 mm. The maximum temperature ranges from 35.9C to 38.2C, minimum temperature ranges from 20.0°C to 23.6°C. Morning relative humidity ranges from 73% to 93% and afternoon relative humidity ranges from 27% to 42%. Wind speed ranges from 2.3 to 5.5 km/h. Bright sunshine hours range from 9.3 to 10.3 hours. Evaporation ranges from 4.4 to 8.2 mm.

CURRENTSYNOPTICSITUATION:A cyclonic circulation lies over north Madhya Maharashtra at 0.9 km above mean sea level. A north-south trough runs from north Kerala to above cyclonic circulation over north Madhya Maharashtra at 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	13.03.2021	14.03.2021	15.03.2021	16.03.2021	17.03.2021
Rainfall (mm)	0.5	0	0	0.5	0
Maximum temperature(°C)	36	37	38	38	38
Minimum temperature (°C)	22	21	21	21	21
Maximum Relative Humidity (%)	65	65	65	65	65
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	10	10	6	4	4
Wind direction (deg)	270	230	270	270	270
Total cloud cover (octa)	4	2	2	5	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) Harvesting stage	Brown Plant Hopper (BPH)	There is a chance of brown plant hopper attack in rice. Spray 2gram Thiamethoxam per ten litre of water.
	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.
	Lakshmi disease	There is a chance lakshmi disease attack in paddy, destruction of straw and stubble from infected plant is recommended. If the attack is severe spray 1.5 gram Copper hydroxide (Kocide) in one liter of water at 50% flowering stage.
	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.
Cucumber	Pumpkin Beetle	Sowing of cucumber can be done. Apply neem cake at the base for preventing pumpkin beetle.
Animal Husbandry		Give 30g sodium bicarbonate with one tea spoon yeast mixed in feed to avoid indigestion and acidity.