



Kerala Agricultural University, Vellanikkara, Thrissur
Department of Agricultural Meteorology, College of Horticulture

Email: cohagmet@kau.in&kauagmet@yahoo.co.in

Agromet Advisory Service Bulletin

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



THRISSUR DISTRICT

AAS 44/2020,(88) Friday

30.10.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 8.1 mm. The maximum temperature ranges from 29.0°C to 33.3°C, minimum temperature ranges from 20.1°C to 22.7°C. Morning relative humidity ranges from 89% to 96% and afternoon relative humidity ranges from 58% to 74%. Wind speed ranges from 0.4 to 1.6 km/h. Bright sunshine hours range from 0.0 to 10.5 hours. Evaporation ranges from 1.0 to 3.0 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over Tamil Nadu coast & adjoining Southwest Bay of Bengal extending upto 4.5 km above mean sea level. A cyclonic circulation lies over Eastcentral Bay of Bengal & adjoining North Andaman Sea between 1.5 & 4.5 km above mean sea level. A cyclonic circulation lies over South & adjoining Central Arabian Sea extending upto 1.5 km above mean sea level persists..

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	31.10.2020	01.11.2020	02.11.2020	03.11.2020	04.11.2020
Rainfall (mm)	1	0.4	1	7	5
Maximum temperature(°C)	33	33	33	33	33
Minimum temperature (°C)	23	23	23	23	23
Maximum Relative Humidity (%)	92	92	92	92	92
Minimum Relative Humidity (%)	77	77	77	77	77
Wind speed (kmph)	6	6	6	6	6
Wind direction (deg)	230	230	250	270	230
Total cloud cover (octa)	6	6	5	8	8

As per the forecast of IMD & KAU, there is a chance of low rainfall in the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Since low rainfall is expected, spraying of pesticides and drying of agricultural products can be done		
Rice (Mundakan) Seedling stage	Leaf folder	Since cloudy weather is prevailed, there is a chance of leaf folder attack in <i>Mundakan</i> Paddy. It can be controlled by using <i>trichogramma</i> cards (2CC per one acre). Cut the cards in to small pieces and fix in different regions of the field. If the attack is severe, spray quinalphos @ 2ml per one litre of water.
	Army worm	There is a chance of rice armyworm in the paddy field. To control, <ul style="list-style-type: none"> • Complete flooding of field for 24 hours wherever possible. • Spraying of chlorantraniliprole @ 3 ml per ten litre of water in the field, bunds and weeds. • In the fields where transplanting is not yet undertaken, application of chlorantraniliprole granules @ 4 kg per one acre along with basal dose of fertilizers. • Keep the field bunds and surroundings weed free.
Banana	Planting time	Lime can be applied at 250 gram per plant at the time of planting.
Brinjal	White fly	There is a chance of white fly attack in Brinjal. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.
Animal Husbandry		Mix 30g sodium bicarbonate and 1-teaspoon yeast in the feed daily to avoid digestive disorders associated with excessive acidity.