



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

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

Block Level Experimental Agromet Advisory Bulletin

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



OLLUKKARA BLOCK, THRISSUR DISTRICT

AAS 06/2019(12), Friday

08.02.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 33.1°C to 35.6°C, minimum temperature ranges from 18.3°C to 25.9°C. Morning relative humidity ranges from 54% to 76% and afternoon relative humidity ranges from 34% to 47%. Wind speed ranges from 5.2 to 9.1 km/h. Bright sunshine hours range from 1.4 to 10.3 hours. Evaporation ranges from 4.9 to 6.0 mm.

CURRENT SYNOPTIC SITUATION:

A trough in easterlies extending upto 0.9 km above mean sea level runs from Maldives area to Telangana across interior Tamilnadu & Rayalaseema.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	09.02.2019	10.02.2019	11.02.2019	12.02.2019	13.02.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	36	35	35	35	35
Minimum temperature (°C)	23	23	23	23	23
Total cloud cover (octa)	5	6	6	5	5
Maximum Relative Humidity (%)	85	85	85	85	85
Minimum Relative Humidity (%)	40	40	40	40	40
Wind speed (kmph)	14	12	10	18	10
Wind direction (deg)	250	250	90	70	90

No rainfall is forecasted for coming five days in the block by India Meteorological Department.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Milky stage	Brown plant hopper (BPH)	To control Brown plant hopper in paddy, ➤ Drain water from the field ➤ spray thiamethoxam @ 2g per ten litre of water or Imidacloprid @ 3ml per ten litre of water.
Banana	-	Bunchy top disease	Cut and remove the affected banana plants. Spray 1.5 ml diamethoate (Rogar) per one litre of water to control aphids which transmit this virus disease.
Coconut	-	Bud rot	There is a chance of bud rot disease in coconut palm. As a prophylactic measure, small-perforated sachets containing 2 g of mancozeb may be tied to the top of leaf axil. As well as cut and remove all the affected tissues of the crown. And apply Bordeaux paste.
Vegetables (cowpea)	Fruiting stage	Thrips	To control thrips incidence in cowpea, apply 2 ml fipronil 5 SC per one litre of water after the harvest of matured cowpea pods.
		Aphids	For controlling cowpea aphids. apply 2% neem oil emulsion or apply 20 g <i>Verticillium lecanii</i> per litre of water in 10 days intervals. If aphid attack is severe, apply 3 ml imidacloprid or 2 g thiamethoxam per 10 litre of water.
Animal Husbandry	Ensure sufficient supply of clean drinking water to the animals. Take measures for preventing mosquito breeding in the premises. (CAADECCS, KVASU, Mannuthy)		

