



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)



PALAKKAD DISTRICT

AAS 52/2019(103), Tuesday

24.12.2019

CURRENT SYNOPTIC SITUATION: The Low Pressure Area lay over southwest Arabian Sea and adjoining southeast Arabian Sea along with the associated cyclonic circulation extending upto midtropospheric level. A trough in easterlies runs from Comorin area to south Tamilnadu and extends upto 2.1km above mean sea level.

Thunderstorm Warning:

DAY 1 & Day 2: Thunderstorm accompanied with lightning is very likely to occur at isolated places over Kerala.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	25.12.2019	26.12.2019	27.12.2019	28.12.2019	29.12.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature(°C)	31	31	31	31	31
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	70	70	70	70	70
Minimum Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	7	12	12	2	5
Wind direction (deg)	90	90	90	90	90
Total cloud cover (octa)	4	3	3	4	3

As per the forecast of IMD & KAU, due to no rainfall and prevailing dry weather conditions, irrigation of crops to be continued in the district.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Rice (Mundakan) Panicle initiation	Thrips	There is a chance of thrips in paddy. Apply 3 ml imidacloprid per 10 litre of water to control them.
	Bacterial Leaf blight	To control the spread of bacterial leaf blight in paddy, spray 6 g of streptomycin in 30 litre of water.
Banana	Rhizome Weevil	There is a chance of Rhizome Weevil attack in banana. As a precaution, apply neemcake @ 1 kg/plant at the time of planting. Cut and remove the outer layer of the rhizome and sundry for 3-4 days after smearing it with slurry of cow dung and ash.
Vegetables (cowpea)	Fusarium wilt	There is a chance of fusarium wilt in cowpea. Drench the soil rhizosphere with 2 g of bavistin or 2 ml of contaf per one litre of water alternatively within 15 days interval to control the disease. Severely affected plants should be removed and destroyed from the field and apply a pinch of bleaching powder in the pit.
Chilli	White fly	There is a chance of white fly attack in chilli. Apply 2% neem oil garlic emulsion or spray 20g <i>Lecanicillium lecanii</i> per one litre of water in ten days intervals.
Animal Husbandry		Assure increased ventilation in the shed. (CAADECCS, KVASU, Mannuthy)