



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 24/2020,(47) Tuesday

09.06.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 94.8 mm. The maximum temperature ranges from 28.5°C to 32.2°C, minimum temperature ranges from 22.8°C to 25.3°C. Morning relative humidity ranges from 91% to 98% and afternoon relative humidity ranges from 61% to 99%. Wind speed ranges from 0.7 to 3.5 km/h. Bright sunshine hours range from 0.0 to 5.1 hours. Evaporation ranges from 1.8 to 3.0 mm.

CURRENT SYNOPTIC SITUATION: A low pressure area has formed over eastcentral Bay of Bengal & neighbourhood under the influence of the cyclonic circulation that extends upto mid-tropospheric levels.

HEAVY RAINFALL WARNING:

DAY 2: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Idukki, Kottayam, Ernakulam & Thrissur.

DAY 3: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Kollam, Pathanamthitta, Kottayam, Idukki, Ernakulam, Thrissur and Malappuram.

DAY 4: Heavy rainfall (7- 11 cm in 24 hours) is very likely to occur at one or two places in the districts of Idukki, Ernakulam, Thrissur, Palakkad, Malappuram and Kozhikode.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	10.06.2020	11.06.2020	12.06.2020	13.06.2020	14.06.2020
Rainfall (mm)	10	28	28	20	18
Maximum temperature(°C)	32	32	31	31	31
Minimum temperature (°C)	25	25	24	24	24
Maximum Relative Humidity (%)	90	90	95	95	95
Minimum Relative Humidity (%)	75	75	80	80	80
Wind speed (kmph)	6	4	8	8	8
Wind direction (deg)	290	270	220	270	270
Total cloud cover (octa)	8	7	8	8	7

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: Proper drainage facilities should be ensured to protect the agricultural crops from pest & diseases during rainy season.		
Paddy	Land preparation to transplanting	Transplant seedlings at 4 to 5 leaf stage. The root of seedlings should be soaked for 30 minutes in a solution of <i>Pseudomonas</i> culture @ 10g per one litre of water for one kg of seeds. To control sheath blight, sheath rot, leaf spot disease etc. in future.
Coconut	Bud rot	There is a chance of bud rot in rainy season. Keep three numbers each of perforated Mancozeb sachets (5 gm) around spindle leaves as a prophylactic measure against bud rot.
Banana	Sigatoka disease	If there is sigatoka disease seen in banana, as a prophylactic measure, spray 20 g <i>Pseudomonas</i> per one litre of water. Ensure drainage facilities in low land banana plantations.
Pepper	Foot rot	As a prophylactic measure to manage foot rot during rainy season, add 2 kg <i>Trichoderma</i> to a mixture of 90 kg FYM & 10 kg Neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper.
Cucurbitaceous Vegetables	Downy mildew	Due to high relative humidity, there is a chance of downy mildew attack in cucurbitaceous vegetables. Apply of 3gm, curzate M-8 or <i>Trichoderma</i> 20 g per one litre of water under the leaves in 15 days interval.
Animal Husbandry	Sundry the cattle feed to avoid fungal growth and always store feed in the dry place.	