



Agromet Advisory Service Bulletin for Thiruvananthapuram District

(Issued jointly by AMFU, RARS Vellayani, Kerala Agricultural University & India Meteorological Department)

Based on Ensemble Weather forecast by IMD



Bulletin No. TVM-AAS-60/2024

Standard Week No.30

Dated: 26.07.2024

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK

Rainfall(mm)	Max Temperature(°C)	Min Temperature(°C)	Relative Humidity (%)	Evaporation(mm)
16.2	31.9 – 31.1	22.9– 23.1	77-98	3.1-4.2

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	27/07/2024	28/07/2024	29/07/2024	30/07/2024	31/07/2024
Rainfall (mm)	10	6	15	5	7
Maximum temperature(°C)	32	33	33	32	32
Minimum temperature (°C)	25	25	25	25	25
Maximum Relative Humidity (%)	95	90	90	91	90
Minimum Relative Humidity (%)	70	75	73	73	84
Wind speed (kmph)	18	14	14	8	12
Wind direction (deg)	290	290	290	290	320
Total cloud cover (octa)	8	8	8	7	7

WEATHER SUMMERY ALERT :

There is a chance of light to moderate rainfall in the district. Cumulatively above normal rainfall is likely over Kerala.

GENERAL ADVISORY :

Proper drainage facilities have to be ensured. Propping of the banana plants recommended. Additional support of the pandals recommended. Pesticides should not be applied during rainy period.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisory
Paddy	Leaf folder	There is a chance of leaf folder attack in 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 liter of water.
Coconut	Leaf blight	Yellowish brown spots with grey brown margins appear on leaflets causing extensive leaf blight. Remove the severely affected older leaves and burn it. Spray the crown with Bordeaux mixture 1% or Propiconazole 25 EC 2 ml/L.
Vegetable (Brinjal)	Bacterial Wilt	There is a chance of bacterial wilt disease in brinjal. To control this, you can treat it with streptomycin at 0.5 grams per liter or treat one kilogram of seeds with Pseudomonas at 20 grams per liter. For diagnosis, when the stem is cut open, you can observe internal discoloration due to bacteria colonizing on plant's vascular tissue. One diagnostic feature of bacterial wilt is that if you submerge a cut piece of infected stem in water, you can see a white, milky exudate of bacteria.
Animal Husbandry		Keep the cattle shed and premises clean to avoid mosquito breeding. Avoid water logging near the cattle shed. The cow dung pit can be covered to protect from direct falling of rain.

