



Agromet Advisory Service bulletin 28/15, Tuesday dt. 07-07-2015

(Issued jointly by IAAS Vellanikkara)

Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara

E mail: kauagmet@yahoo.co.in, cohagmet@kau.in

PALAKKAD

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 30.07.2015

VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS

ENSEMBLE FCST

	DAY-1 08/07	DAY-2 09/07	DAY-3 10/07	DAY-4 11/07	DAY-5 12/07
--	----------------	----------------	----------------	----------------	----------------

DISTRICT : PALAKKAD

Rainfall (mm)	6	9	17	37	22
Max Temperature (deg C)	33	33	33	33	33
Min Temperature (deg C)	24	24	23	24	24
Total cloud cover (octa)	5	5	6	8	7
Max Relative Humidity (%)	88	88	88	87	88
Min Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	010	010	010	010	010
Wind direction (deg)	250	250	250	250	250

Agro Meteorological Advisories

Crop	Stage of the crop / Pest/Disease	Advisories
Coconut	Mahali	There is a chance of Mahali disease during rainy season. Apply 1% Bordeaux mixture.
Nutmeg	Fruit rot	There is a chance for fruit rot disease in nutmeg at rainy season. To control this apply 1% Bordeaux mixture. There is a chance of splitting of fruit before ripening due to the deficiency of Potassium and Boron.
Vegetables	Leaf eating caterpillar	To control Leaf eating caterpillar, use tobacco decoction.
Ginger/turmeric	Rhizome rot	When incidence of rhizome rot is noted in the field, dig out the affected plants and drench the beds with 1% Bordeaux mixture or trichoderma / pseudomonas cultures.

Preparation of tobacco decoction: To prepare tobacco decoction, soak 500gms of sliced tobacco leaves in 4.5 liter of water for 24 hours. Then squeeze it and remove all debris by filtering. Slice 120gms of bar soap in to thin flakes and dissolve in the water. Stir it well. Dilute the stock solution by adding 6-7 liters of water.