



Agromet Advisory Service bulletin 20/16, Tuesday dt 10-05-16

(Issued jointly by IAAS Vellanikkara)

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PALAKKAD

CURRENT SYNOPTIC SITUATION:

A trough of low at mean sea level lies over Maldives- Lakshadweep area and neighbourhood. An upper air cyclonic circulation extending up to 0.9km above sea level lies over Comorin and adjoining Lakshadweep area.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 10.05.2016

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

STATE : KERALA

PARAMETERS

ENSEMBLE FCST

DAY-1	DAY-2	DAY-3	DAY-4	DAY-5
11/05	12/05	13/05	14/05	15/05

DISTRICT : PALAKKAD

Rainfall (mm)	10	14	7	8	4
Max Temperature (deg C)	39	38	38	38	38
Min Temperature (deg C)	28	28	28	28	28
Total cloud cover (octa)	5	5	5	6	6
Max Relative Humidity (%)	80	80	80	80	80
Min Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	006	006	006	006	006
Wind direction (deg)	270	070	070	070	070

Agro Meteorological Advisories

Crop	Stage of the crop / Pest/Disease	Advisories
Rice (Harvesting stage)	Fungal diseases (Blast & Sheath blight)	Apply Pseudomonas culture (2.5 kg/acre). Apply organic fertilizers. In severely affected areas, spray Flusilazole or Propiconazole @ 1 ml per litre of water.
Banana	Sigatoka	Due to the changing weather pattern, there is a chance of sigatoka disease in banana. Spray Pseudomonas 10- 20g per 1 liter of water. In case of severe attack apply SAAF @ 2 g in 1 liter of water.
Coconut		Burying of fresh or dried coconut husk around the palm is a desirable practice particularly for moisture retention. The husk can be buried either in linear trenches taken 3 m away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 m from the trunk. The trenches may be of 0.5 m width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5-7 years. Instead of husk, coconut pith can be buried @ 25 kg / palm / year.

Vegetables	Fruit flies	Remove and destroy affected and decayed fruits. Use special pheromone traps for vegetable fruit fly or Thulasi/fruit traps. If the attack is not reduced, apply malathion 0.2% suspension containing sugar or jaggery at 10 g/liter at fortnightly intervals at flowering and fruit initiation.
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