



Agromet Advisory Service bulletin 05/16, Friday dt. 29-01-2016

(Issued jointly by IAAS Vellanikkara)

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ERNAKULAM

CURRENT SYNOPTIC SITUATION: An upper air cyclonic circulation lies over Southwest Bay of Bengal off Sri Lanka coast and extends upto 0.9 km above sea level. Another upper cyclonic circulation lies over Lakshadweep – Maldives area and extends upto 0.9 km above sea level.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 29.01.2016

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

STATE : KERALA

PARAMETERS

ENSEMBLE FCST

	DAY-1 30/01	DAY-2 31/01	DAY-3 01/02	DAY-4 02/02	DAY-5 03/02
DISTRICT : ERNAKULAM					
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	32	32	32	32	32
Min Temperature (deg C)	25	25	25	25	25
Total cloud cover (octa)	3	3	3	3	3
Max Relative Humidity (%)	85	85	85	85	85
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	010	010	010	010	010
Wind direction (deg)	270	270	270	270	270

Crop stage

This is the time for the preparation of punja field. Banana plant is 3 month after planting. This is the time for starting irrigation in coconut and arecanut. It is the time for starting mulching in coconut and pepper.

Agro Meteorological Advisories

Crop	Pest/Disease	Advisories
Paddy	Land preparation to transplanting	Plough the land for Punja cultivation. Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of Pseudomonas culture @10g/litre of water per kg of seed. The above seed treatment can also be used to control sheath blight, sheath root, leaf spot disease etc.
Coconut	Mite	Due to high temperature, there is a chance of increase of mite population in coconut. Apply 2% neem oil-garlic-soap emulsion in the crown on young bunches to prevent mite's attack.
Banana	Sigatoka	Spray Pseudomonas at the rate of 15g per one liter of water or SAAF at the rate of 2 g in one liter of water.

Vegetables	Leaf spot disease (Amaranthus)	Cut and remove the severely affected leaves. Apply 15 gm of Pseudomonas in cleared cow dung water after harvesting. Also apply Trichoderma mixed with cowdung in soil.
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