

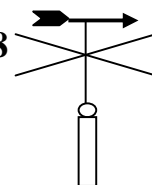


## Agromet Advisory Service bulletin 05/18(10), Friday dt. 02-02-2018

( Issued jointly by IAAS Vellanikkara)

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### ERNAKULAM

**CURRENT SYNOPTIC SITUATION** : A trough of low at mean sea level runs from Maldives area to Lakshadweep area. The embedded cyclonic circulation over Maldives and neighbourhood extending upto 0.9 km above sea level has become less marked.

#### NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 02.02.2018

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

DISTRICT : ERNAKULAM

ENSEMBLE FCST

PARAMETERS	03.02.2018	04.02.2018	05.02.2018	06.02.2018`	07.02.2018
Rainfall (mm)	0	0	0	0	2
Max Temperature ( deg	32	32	32	32	32
Min Temperature ( deg C)	23	23	23	23	23
Total cloud cover (octa)	2	3	4	5	6
Max Relative Humidity (%)	85	85	85	85	85
Min Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	10	10	10	10	10
Wind direction (deg)	250	250	250	250	250

#### Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Paddy	Land preparation to transplanting	Plough the land for Puncha 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	Management	Mulching can be done with dried or green coconut leaves or coir pith to maintain moisture in coconut gardens. Lower one or two whirls can be cut off to prevent moisture loss from plant. Coconut stem up to two metres can be painted with slaked lime to prevent sun scorching. Organic content in the soil can be ensured for maintaining soil temperature. Drip irrigation shall be adopted.
Vegetables	Thrips and Mite	There is a chance for the attack of thrips and mites in vegetables. Apply 2% neem oil+garlic emulsion under the leaf surface at 10 days intervals. If the attack is severe apply spiromecifen 8 ml/10 L of water. Ensure proper irrigation to withstand from high evaporation.
Animal Husbandry	Adopt measures to eradicate external parastic infestations in animals. (CAADECCS, KVASU, Mannuthy)	