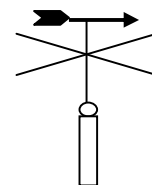




**Agromet Advisory Service bulletin 21/18(42), Friday dt.25.05.2018**  
(Issued jointly by IAAS Vellanikkara)



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## ERNAKULAM

**CURRENT SYNOPTIC SITUATION:** The very severe cyclonic storm over west central Arabian sea intensified into an extremely severe cyclonic storm and lay centered at 0830 hours IST over West Central Arabian Sea near Lat 15.4°N & Long 54.5°E. In view of the strengthening and deepening of cross equatorial flow and enhanced cloudiness and rainfall, southwest Monsoon has advanced into some parts of Southeast Bay of Bengal, South Andaman Sea and Nicobar Islands. A cyclonic circulation extending upto 0.9 km above mean sea level lies over Interior Tamilnadu & neighbourhood. A cyclonic circulation lies over South coastal Tamilnadu & neighbourhood between 1.5 & 5.8 km above mean sea level. The cyclonic circulation between 5.8 km & 7.6 km above mean sea level over Maldives-Comorin area has merged with the above system.

Heavy Rainfall Warning:

**Day1(25<sup>th</sup> May 2018):** Heavy rainfall is most likely to occur at one or two places in Kerala.

**Day2(26<sup>th</sup> May 2018):** Heavy to very heavy rainfall is most likely to occur at one or two places in Kerala.

**Day3(27<sup>th</sup> May 2018):** Heavy rainfall is most likely to occur at a few places and very heavy rainfall at one or two places in Kerala.

**Day4(28<sup>th</sup> May 2018):** Heavy to very rainfall is most likely to occur at a few places and extremely heavy rainfall at one or two places in Kerala.

**Day5(29<sup>th</sup> May 2018):** Heavy rainfall is most likely to occur at a few places and very heavy rainfall at one or two places in Kerala.

INDIA METEOROLOGICAL DEPARTMENT  
NWP MODELS BASED DISTRICT LEVEL WEATHER PREDICTION  
ISSUED ON: 25-05-2018  
VALID TILL 08:30 IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	WEATHER FCST				
	DAY-1 26/05/2018	DAY-2 27/05/2018	DAY-3 28/05/2018	DAY-4 29/05/2018	DAY-5 30/05/2018
DISTRICT : ERNAKULAM					
Rainfall (mm)	30	40	50	110	40
Max Temperature ( deg C)	32	32	32	32	32
Min Temperature ( deg C)	25	25	25	25	25
Total cloud cover (octa)	8	8	8	8	8
Max Relative Humidity (%)	92	92	92	92	92
Min Relative Humidity (%)	85	85	85	85	85
Wind speed (kmph)	012	012	012	020	020
Wind direction (deg)	290	290	250	250	250

### Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Paddy	Nursery preparation for next crop	Heavy rainfall is expected. Weeds can be incorporated by ploughing and allowing the water to remain in field till next crop. After receipt of good rain plough the field and pulverize the soil. Prepare nurseries for virippu crop. Make seed beds and apply 1kg FYM for 1 sqm. For 1 acre land 25-35 Kg seeds are required. Soak seeds for 16 hours in a solution of Pseudomonas 10g/litre/1 kg seed or carbendazim 2g/kg seed/litre against fungal disease.
Banana	Erwinia Rot	Proper drainage should be ensured. As a precaution, apply lime in the banana basin or bleaching powder in the irrigation channels. To improve the disease resistance, drench the basin with Pseudomonas @ 20g per litre of water. Affected plants can be protected by drenching the basin with 5 g bleaching powder or 3 g oxychloride or 2g copper hydroxide per one litre of water. Severely affected plants should be cut and removed to prevent the spread of disease.
Vegetables	Planting	It is time to plant majority of vegetables. Start preparation of land just after first summer showers.
Animal Husbandry	Adopt measures to eradicate external parasitic infestations in animals. (CAADECCS, KVASU, Mannuthy)	