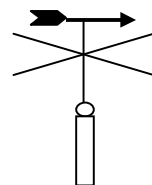




Agromet Advisory Service bulletin 16/18(31), Tuesday dt.17.04.2018
(Issued jointly by IAAS Vellanikkara)



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ERNAKULAM

CURRENT SYNOPTIC SITUATION: A trough of low lies over equatorial Indian Ocean and adjoining south west Arabian sea with cyclonic circulation aloft extending upto 1.5 km above mean sea level. Another trough of low lies over equatorial Indian Ocean and south west Bay of Bengal off -srilanka coast with embedded cyclonic circulation extending upto 3.1 km above msl. Another cyclonic circulation extending upto 0.9 km above msl lies over north Kerala coast and neighbourhood.

INDIA METEOROLOGICAL DEPARTMENT
NWP MODELS BASED DISTRICT LEVEL WEATHER PREDICTION
ISSUED ON: 17-04-2018
VALID TILL 08:30 IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	WEATHER FCST				
	DAY-1 18/04/2018	DAY-2 19/04/2018	DAY-3 20/04/2018	DAY-4 21/04/2018	DAY-5 22/04/2018
DISTRICT : ERNAKULAM					
Rainfall (mm)	10	10	10	7	15
Max Temperature (deg C)	34	34	34	34	34
Min Temperature (deg C)	25	25	25	25	25
Total cloud cover (octa)	6	6	6	7	7
Max Relative Humidity (%)	85	85	85	85	85
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	008	008	008	008	008
Wind direction (deg)	250	250	250	250	250

Agro Meteorological Advisories:

Crop	Crop stage / Pest/Disease	Advisories
Paddy	Milky stage/Rice bug	Apply neem based pesticides (3 ml per one liter of water). Pesticides application should be done either before 9 am or after 3 pm. Otherwise, the pesticide application will adversely affect the pollination.
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.
Banana	-	Continue irrigation. Straw Mulching is recommended to conserve moisture. Destroy the side suckers.
Vegetables (Amaranthus)	Leaf spot disease	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.
Animal Husbandry	Adopt measures to eradicate external parasitic infestations in animals. (CAADECCS, KVASU, Mannuthy)	