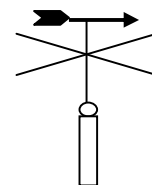




Agromet Advisory Service bulletin 09/18(17), Tuesday dt.27.02.2018
(Issued jointly by IAAS Vellanikkara)



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ERNAKULAM

CURRENT SYNOPTIC SITUATION : A trough of low at mean sea level lies over Equatorial Indian Ocean and adjoining South West Bay of Bengal Off South Sri Lanka coast with an embedded Cyclonic Circulation extending upto 0.9km above sea level .

INDIA METEOROLOGICAL DEPARTMENT
NWP MODELS BASED DISTRICT LEVEL WEATHER PREDICTION
ISSUED ON: 27-02-2018
VALID TILL 08:30 IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	WEATHER FCST				
	DAY-1 28/02/2018	DAY-2 01/03/2018	DAY-3 02/03/2018	DAY-4 03/03/2018	DAY-5 04/03/2018
DISTRICT : ERNAKULAM					
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg C)	33	33	33	33	33
Min Temperature (deg C)	25	25	24	24	24
Total cloud cover (octa)	2	2	2	2	2
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)	230	230	230	230	230

Agro Meteorological Advisories:

Crop	Crop stage / 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.
Banana	Cigar end rot disease	Due to high temperature and low humidity, there is a chance of Cigar end disease in banana bunches. Blackening and shrinking of the effected fingers which later gets covered with a powdery mass of spores is the symptom of this disease.To control the disease, spray 2.5 g copper oxychloride @ 1 liter of water.
Vegetables	Stunted growth	Due to the increase in atmospheric temperature, the attack of insects such as aphids, white flies, hoppers, etc. are more. As a result of this, there is a chance of stunted growth in vegetables. It can be controlled by applying 5 gms of Verticillium or Metarhizium in 1 litre of water and add neem cake as manure. Neem based insecticides can be applied.
Animal Husbandry	Adopt measures to eradicate external parastic infestations in animals. (CAADECCS, KVASU, Mannuthy)	