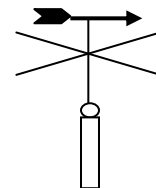




Advisory Service bulletin 43/16, Friday dt.21-10-2016
 (Issued jointly by IAAS Vellanikkara)
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ERNAKULAM



CURRENT SYNOPTIC SITUATION: An well marked low pressure over Central and adjoining south east bay of Bengal and intensified onto a depression and lies over same area near latitude 13.5 degree north and longitude 88.5 degree east. An East- west shear zone lies between 1.5 and 4.5 km asl along latitude 11 degree North.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST
 ISSUED ON: 21.10.2016
 VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 22/10	DAY-2 23/10	DAY-3 24/10	DAY-4 25/10	DAY-5 26/10
DISTRICT : ERNAKULAM					
Rainfall (mm)	8	2	2	0	0
Max Temperature (deg C)	31	31	31	31	31
Min Temperature (deg C)	24	25	25	25	25
Total cloud cover (octa)	5	5	4	4	4
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	006	005	005	005	005
Wind direction (deg)	290	290	270	270	290

Agro Meteorological Advisories:

Crop	Stage of the crop / Pest/Disease	Advisories
Paddy (kanjana, Uma, Ponmani)	Land preparation to transplanting	Plough the land for Mundakan 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	Pseudostem weevil	Apply 2% neem oil-garlic-soap emulsion in the starting stage. In case of severe attack apply 3ml Chlorpyrifos in 1 liter of water on the pseudostem mixing with gum.
Pepper	Quick wilt	There is a chance of Quick wilt disease. Spray 20g pseudomonas/ 1 litre of water.
Vegetables	-	New planting in cool season vegetables is started. This is the best time for Cabbage and cauliflower seeds are to be sown in the nursery beds. Pseudomonas culture is added to the soil at the time of planting cabbage and cauliflower will help to reduce fungal disease.