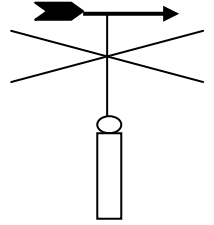




**Advisory Service bulletin 42/16, Friday dt.14-10-2016**  
(Issued jointly by IAAS Vellanikkara)  
Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara  
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**THRISSUR**

**CURRENT SYNOPTIC SITUATION:** An upper air cyclonic circulation lies over Kerala and adjoining Lakshadweep area between 1.5 and 4.5 km asl .

**HEAVY RAINFALL WARNING** : Heavy rainfall is most likely to occur at one or two places over Kerala and Lakshadweep till the morning of 16<sup>th</sup> .

**NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST**  
ISSUED ON: 14.10.2016  
VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE : KERALA

PARAMETERS	ENSEMBLE FCST				
	DAY-1 15/10	DAY-2 16/10	DAY-3 17/10	DAY-4 18/10	DAY-5 19/10
DISTRICT : THRISSUR					
Rainfall (mm)	18	12	6	3	3
Max Temperature ( deg C)	31	31	31	32	32
Min Temperature ( deg C)	23	23	23	24	24
Total cloud cover (octa)	6	5	4	4	4
Max Relative Humidity (%)	90	90	90	90	90
Min Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	008	008	008	008	008
Wind direction (deg)	320	320	320	290	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.
Coconut	Mite	Apply 2% neem oil-garlic-soap emulsion in the crown on young bunches to prevent mite's attack.
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.
Vegetables	-	This is the time for land preparation of cool season vegetables.