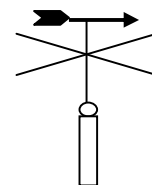




Agromet Advisory Service bulletin 04/18, Tuesday dt.23.01.2018
(Issued jointly by IAAS Vellanikkara)



Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara
E mail: kauagmet@yahoo.co.in, cohagmet@kau.in

ERNAKULAM

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST
ISSUED ON: 23.01.2018
VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over southwest Bay of Bengal off North Tamil Nadu coast at 1.5 km above mean sea level.

DISTRICT : ERNAKULAM

ENSEMBLE FCST

PARAMETERS	24.01.2018	25.01.2018	26.01.2018	27.01.2018	28.01.2018
Rainfall (mm)	0	0	0	0	0
Max Temperature (deg	32	32	32	32	32
Min Temperature (deg C)	23	23	23	23	23
Total cloud cover (octa)	1	2	5	5	3
Max Relative Humidity (%)	80	80	80	80	80
Min Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	12	12	12	12	12
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.
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.
Vegetables (Bitter gourd)	Downy mildew	If yellowing symptom due to downy mildew is observed in cucurbitaceous vegetables, apply Mancozeb @ 3 g per liter of water.
Animal Husbandry		Adopt measures to eradicate external parastic infestations in animals. (CAADECCS, KVASU, Mannuthy)