



Agromet Advisory Service bulletin 06/16, Friday dt 05-02-16

(Issued jointly by IAAS Vellanikkara)

Dept. of Agriculture Meteorology, College of Horticulture, Vellanikkara

E mail: kauagmet@yahoo.co.in, cohagmet@kau.in

ERNAKULAM

CURRENT SYNOPTIC SITUATION: A trough of low pressure at mean sea level lies over South West Bay of Bengal and adjoining South East Bay of Bengal.

NWP MODELS BASED DISTRICT LEVEL WEATHER FORECAST

ISSUED ON: 05.02.2016

VALID TILL 08:30 HRS IST OF THE NEXT 5 DAYS

STATE : KERALA

ENSEMBLE FCST

PARAMETERS	DAY-1 06/02	DAY-2 07/02	DAY-3 08/02	DAY-4 09/02	DAY-5 10/02
DISTRICT : ERNAKULAM					
Rainfall (mm)	0	0	2	2	2
Max Temperature (deg C)	33	33	33	33	33
Min Temperature (deg C)	23	23	23	23	23
Total cloud cover (octa)	4	4	5	5	5
Max Relative Humidity (%)	80	80	80	80	80
Min Relative Humidity (%)	50	50	50	50	50
Wind speed (kmph)	008	008	008	008	008
Wind direction (deg)	270	270	270	270	270

Agro Meteorological Advisories

Crop	Pest/Disease	Advisories
Paddy	-	Punja is in seedling stage.
Coconut	Root wilt	There is a chance of Root wilt in coconut garden. Apply 50 kg cattle manure or green manure and 1kg of lime/palm/year. Growing green manure crops like sun hemp, sesbania, cowpea in the coconut basin and their incorporation in situ is beneficial as the practice reduce the intensity of the root wilt and increase the nut yield. Rogue out palms that are affected severely by root wilt and yield less than 10 nuts/palm/year and those. Replant with disease tolerant high yielding hybrids.
Banana	Cigar end disease	Due to high temperature and low humidity, there is a chance of Cigar end disease in banana bunches. Spray 3 g of Dithane M-45 @ 1 liter of water. The banana plantation may be given support so that the plantation can with stand high wind speed.
Vegetables	Sukking pests	Due to high temperature experienced, there is a chance of attack of white fly, hopper and aphid in vegetables. Apply 20 g Verticillium per one liter of water. 5 ml sunflower oil or castor oil along with 10 g of jaggery can be added to the spray solution to make the spray effective. Otherwise apply tobacco decoction.

