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Agromet Advisory Service Bulletin

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CHALAKKUDY BLOCK- THRISSUR DISTRICT

A AAS 15/2020, (30) Thursday

09.04.2020

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 11.6 mm. The maximum temperature ranges from 29.8°C to 38.6 °C, minimum temperature ranges from 23.4°C to 25.7°C. Morning relative humidity ranges from 85% to 98% and afternoon relative humidity ranges from 50% to 76%. Wind speed ranges from 0.9 to 2.7 km/h. Bright sunshine hours range from 0.0 to 9.9 hours. Evaporation ranges from 1.8 to 5.4 mm.

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over East Madhya Pradesh & adjoining Chhattisgarh extending upto 1.5 km above mean sea level. A trough/wind discontinuity runs from the above cyclonic circulation over East Madhya Pradesh and adjoining Chhattisgarh to South Tamilnadu across East Vidarbha, Telengana & Rayalaseema.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	10.04.2020	11.04.2020	12.04.2020	13.04.2020	14.04.2020
Rainfall (mm)	0.5	1	0	0	5
Maximum temperature(°C)	35	35	35	35	35
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	96	96	96	96	96
Minimum Relative Humidity (%)	58	58	58	58	58
Wind speed (kmph)	6	10	6	10	10
Wind direction (deg)	250	250	230	270	270
Total cloud cover (octa)	7	7	6	6	8

As per the forecast of IMD & KAU, there is a chance of light rainfall in isolated places of the district. Harvesting is recommended in matured paddy crop. Dried hay, copra, arecanut, etc should be protected from summer rain.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
General Advisories: As a precaution, use bio-pesticides to control the crop pests and diseases.		
Coconut	Management	Since summer rainfall is prevailing, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture. The husk can be buried either in linear trenches taken 3 meter away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 meter from the trunk. The trenches may be of 0.5 meter 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 to 7 years. Instead of husk, coir pith can be buried @ 25 kg/palm/year.
Banana	Rhizome Weevil	During this special weather condition, there is a chance of Rhizome Weevil attack in banana. As a precaution, apply neemcake @ 1 kg/plant at the time of planting. Cut and remove the outer layer of the rhizome and sundry for 3-4 days after smearing it with slurry of cow dung and ash.
Vegetables Chilly	White fly	There is a chance of white fly attack in chilli. Apply 2% neem oil garlic emulsion or spray 20g Lecanicillium lecanii per one litre of water in ten days intervals.