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**Agromet Advisory Service Bulletin**

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



**THRISSUR DISTRICT**

AAS 40/2020,(79) Tuesday

29.09.2020

**SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:**

The total rainfall received 25.1 mm. The maximum temperature ranges from 28.9°C to 32.0°C, minimum temperature ranges from 21.6°C to 23.6°C. Morning relative humidity ranges from 93% to 98% and afternoon relative humidity ranges from 63% to 78%. Wind speed ranges from 0.8 to 2.4 km/h. Bright sunshine hours range from 0.0 to 6.1 hours. Evaporation ranges from 1.2 to 2.9 mm.

**CURRENT SYNOPTIC SITUATION:** A cyclonic circulation lies over west central Bay of Bengal off Andhra Pradesh coast between 1.5 km and 7.6 km above mean sea level tilting southwards with height. The cyclonic circulation over south Andhra Pradesh and neighbourhood between 4.5 and 5.8 km above mean sea level has merged with the above system.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

Weather parameters	30.09.2020	01.10.2020	02.10.2020	03.10.2020	04.10.2020
Rainfall (mm)	12	2	2	0.5	0
Maximum temperature(°C )	32	32	32	30	30
Minimum temperature (°C )	23	23	23	23	23
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	73	73	73	73	73
Wind speed (kmph)	6	10	10	10	10
Wind direction (deg)	270	250	270	270	270
Total cloud cover (octa)	8	7	6	7	6

As per the forecast of IMD & KAU, there is a chance of light rainfall in the district.

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Pest/ Disease	Advisories
<b>General Advisories:</b> Since low rainfall is expected, pesticide and fertilizer application can be carried out.		
Rice (Mundakan)	Land preparation to transplanting	Land preparation and nursery preparation for second paddy (mundakan) crop can be started. As a prophylactic measure, the root of seedlings can be soaked for 30 minutes in a solution of Pseudomonas culture to control sheath blight, sheath rot, leaf spot disease etc. Before transplanting, spray 20 gram Pseudomonas in one litre of water. The micronutrient deficiency of paddy can be managed during rainy season, by spraying 5 gram of paddy sampoorana in one litre of water.
Coconut	Management	While applying second dose of fertilizers to coconut palms, apply 550 gram urea, 700 gram Rajphos and 800 gram potash under irrigated conditions and apply 500 gram urea, 800 gram Rajphos and one kg potash under rainfed conditions.
Ginger	Stem borer	There is a chance of stem borer in ginger. Spary 20 g <i>Beauveria</i> per one litre of water to control stem borer.
Pepper	Foot rot	As a prophylactic measure to manage foot rot during rainy season, add 2 kg Trichoderma to a mixture of 90 kg FYM &10 kg Neem cake and kept for two weeks with sufficient moisture. Add 2.5 kg of this mixture to each matured vine to control foot rot of pepper.
Vegetables (Cowpea)	Anthracoese disease	During rainy season, there is a chance of Anthracnose disease in Cowpea. As a prophylactic measure, apply 1% Bordeaux mixture or spray copper oxochloride 3 gram per one litre of water.
Animal Husbandry	Ensure the availability of green fodder to the animal daily. Provide mineral and vitamin mixture in prescribed quantity daily.	