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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

AAS 07/2019(14), Friday

15.02.2019

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

The total rainfall received 0.0 mm. the maximum temperature ranges from 35.1°C to 36.1°C, minimum temperature ranges from 23.3°C to 25.0°C. Morning relative humidity ranges from 62% to 91% and afternoon relative humidity ranges from 33% to 61%. Wind speed ranges from 2.4 to 12.1 km/h. Bright sunshine hours range from 4.5 to 9.8 hours. Evaporation ranges from 3.2 to 7.6 mm.

**CURRENT SYNOPTIC SITUATION:** A trough of low at mean sea level from Maldives-Comorin area to East central Arabian Sea off North Maharashtra coast now runs from Maldives area to Madhya Maharashtra across Lakshadweep area, East central Arabian sea off Karnataka coast and South Konkan. A cyclonic circulation at 0.9 km above mean sea level lies over south Tamil Nadu and neighbourhood.

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

Weather parameters	16.02.2019	17.02.2019	18.02.2019	19.02.2019	20.02.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	36	35	35	35	35
Minimum temperature (°C)	24	24	24	24	24
Total cloud cover (octa)	2	4	4	4	2
Maximum Relative Humidity (%)	65	65	65	65	65
Minimum Relative Humidity (%)	30	30	30	30	30
Wind speed (kmph)	14	14	14	14	14
Wind direction (deg)	270	230	270	270	250

**No rainfall is forecasted for coming five days in the district by India Meteorological Department.**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Crop stage	Pest/ Disease	Advisories
Coconut	-	Management	Mulching can be done with dried or green coconut leaves or coir pith to maintain moisture in coconut gardens. Lower one or two whirls can be cut off to prevent moisture loss from plant. Coconut stem up to two metres can be painted with slaked lime to prevent sun scorching. Organic content in the soil can be ensured for maintaining soil temperature. Drip irrigation shall be adopted.
Banana	-	Management	Propping should be followed to reduce the damage due to high wind velocity.
Paddy	Harvesting stage	Brown plant hopper (BPH)	To control Brown plant hopper in paddy, ➤ Drain water from the field ➤ spray thiamethoxam @ 2g per ten litre of water or Imidacloprid @ 3ml per ten litre of water.
Vegetables (cowpea)	Fruiting stage	Stunted growth	Due to the increase in atmospheric temperature, the attack of insects such as thrips, mite and white flies etc. are more. As a result of this, there is a chance of stunted growth in vegetables. They can be controlled by applying 10 gms of Verticillium in 1 litre of water or neem based insecticides can be applied.
Animal Husbandry	Ensure sufficient supply of clean drinking water to the animals.(CAADECCS, KVASU, Mannuthy)		