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Agromet Advisory Service Bulletin

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PALAKKAD DISTRICT

AAS 08/2019(15), Tuesday

19.02.2019

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over East central Arabian sea and adjoining Karnataka coast extending up to 1.5 km above mean sea level. The cyclonic circulation at 0.9 km above mean sea level over south Andhra Pradesh & neighbourhood has become less marked. The trough at 0.9 km above mean sea level from the cyclonic circulation over south Andhra Pradesh & neighbourhood to Comorin area across interior Tamil Nadu has become less marked. The cyclonic circulation at 1.5 km above mean sea level lay over interior Tamil Nadu and neighbourhood has become less marked.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	20.02.2019	21.02.2019	22.02.2019	23.02.2019	24.02.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	38	37	37	37	37
Minimum temperature (°C)	23	24	24	24	24
Total cloud cover (octa)	6	3	2	3	3
Maximum Relative Humidity (%)	90	90	90	90	90
Minimum Relative Humidity (%)	45	45	45	45	45
Wind speed (kmph)	12	18	18	18	14
Wind direction (deg)	230	90	90	90	90

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Harvesting stage	-	Second paddy crop is in Harvesting stage.
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	-	Spodoptera	Propping should be followed to reduce the damage due to high wind velocity. Destroy the affected leaves along with the Spodoptera. For severe attack, spray Flubendiamide (Fame) 2 ml/10 L 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)		