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Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 21/2019(41), Tuesday

21.05.2019

CURRENT SYNOPTIC SITUATION: The cyclonic circulation over North Interior Karnataka & neighbourhood now extends upto 1.5 km above mean sea level. A trough at 0.9 km above mean sea level runs from north Interior Karnataka to Comorin area across south interior Karnataka & Tamil Nadu. The shear zone runs roughly along lat 7° N persist & now seen between 1.5 & 2.1 km above mean sea level. The embedded cyclonic circulation over Comorin area & neighbourhood between the same levels has become less marked. The cyclonic circulation at 1.5km above mean sea level over south Tamil Nadu and adjoining Gulf of Mannar and Comorin area has become less marked.

Heavy Rainfall Warning:

Day 2: Heavy rainfall is Very likely to occur at isolated places in Wayanad district.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	22.05.2019	23.05.2019	24.05.2019	25.05.2019	26.05.2019
Rainfall (mm)	0	6	2	2	2
Maximum temperature (°C)	34	34	34	34	34
Minimum temperature (°C)	27	26	26	26	26
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	70	70	70	70	70
Wind speed (kmph)	8	14	16	12	14
Wind direction (deg)	320	270	270	250	320
Total cloud cover (octa)	5	6	5	6	3

Lght rainfall is forecasted in the district by IMD & KAU.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Pest/ Disease	Advisories
Paddy		Land preparation for virippu paddy can be started.
Pepper	Foot rot	There is a chance of foot rot in pepper. Add 2 kg Trichoderma to a mixture of 90 kg FYM and 10 kg Neemcake 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, ivy gourd)	White fly Mealy bug Grass hopper	Due to increase in atmospheric temperature, the attack of insects such as whitefly, mealy bug and grass hopper was increased. They can be controlled by applying 2% neem oil emulsion once in a week. Land preparation can be started for vegetables.
Animal Husbandry		Seek advice to prevent ectoparasitic infestations. (CAADECCS, KVASU, Mannuthy)