



ERNAKULAM DISTRICT

AAS 13/2019(26), Friday

29.03.2019

CURRENT SYNOPTIC SITUATION: A cyclonic circulation lies over south Madhya Maharashtra & adjoining North Interior Karnataka extending upto 0.9 km above mean sea level.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	30.03.2019	31.03.2019	01.04.2019	02.04.2019	03.04.2019
Rainfall (mm)	0.3	1	0	0.1	0
Maximum temperature (°C)	35	34	34	34	34
Minimum temperature (°C)	27	27	27	27	27
Total cloud cover (octa)	7	7	2	6	2
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	60	60	60	60	60
Wind speed (kmph)	20	16	14	16	18
Wind direction (deg)	290	270	250	290	320

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

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Banana	-	Sigatoka disease	During this special weather condition, there is a chance of Sigatoka disease in banana. As a precaution, Spray 20 g <i>Pseudomonas</i> per one litre of water.
Coconut	-	Management	Since air temperature is increasing, 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.
Vegetables (cowpea, ivy gourd)	Fruiting stage	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.
Animal Husbandry	Allow the animal to graze early in the morning or in the evening to avoid direct sunlight (CAADECCS, KVASU, Mannuthy)		