



Kerala Agricultural University, Vellanikkara, Thrissur
Department of Agricultural Meteorology, College of Horticulture

Email: cohagmet@kau.in & kauagmet@yahoo.co.in

Agromet Advisory Service Bulletin

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



ERNAKULAM DISTRICT

AAS 48/2018(94), Tuesday

27.11.2018

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 15.2 mm. the maximum temperature ranges from 32.3°C to 34.1°C, minimum temperature ranges from 22.1°C to 25.3°C. Morning relative humidity ranges from 73% to 96% and afternoon relative humidity ranges from 50% to 62%. Wind speed ranges from 1.2 to 9.1 km/h. Bright sunshine hours range from 6.5 to 9.4 hours. Evaporation ranges from 2.7 to 3.6 mm.

CURRENT SYNOPTIC SITUATION: Light to moderate northeasterlies prevail in the lower levels over Kerala.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	28.11.2018	29.11.2018	30.11.2018	01.12.2018	02.12.2018
Rainfall (mm)	0	0	0	5	0
Maximum temperature (°C)	33.1	33.1	33.1	33.1	33.1
Minimum temperature (°C)	24.1	24.1	24.1	24.1	24.1
Total cloud cover (octa)	2	5	4	4	5
Maximum Relative Humidity (%)	86	86	89	89	90
Minimum Relative Humidity (%)	55	56	55	60	54
Wind speed (kmph)	6	5	4	5	4
Wind direction (deg)	290	290	300	300	270

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	Seedling stage	Rice armyworm	<p>There is a chance of rice armyworm in the paddy field. To control,</p> <ul style="list-style-type: none"> • Complete flooding of field for 24 hours wherever possible. • Spraying of chlorantraniliprole @ 3 ml per 10 litre of water in the field, bunds and weeds. • In the fields where transplanting is not yet undertaken, application of chlorantraniliprole granules @ 4 kg per one acre along with basal dose of fertilizers. • Keep the field bunds and surroundings weed free.
Vegetables (cowpea)	-	Downy mildew	There is a chance of downy mildew attack in vegetables. Apply 2.5g curzate M-8 or one milli Equation pro per one litre of water under the leaves.
Banana	-	Spodoptera	Destroy the affected leafs along with the <i>Spodoptera</i> . If <i>Spodoptera</i> attack is severe, spray quinalphos 2ml per one litre of water or chlorantraniliprole 3 ml per 10 litre of water.
Animal Husbandry	Mix 30g sodium bicarbonate and 1-teaspoon yeast in the feed daily to avoid digestive disorders associated with excessive acidity. (CAADECCS, KVASU, Mannuthy)		