



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

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

Block Level Experimental Agromet Advisory Bulletin

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



IRINJALAKUDA BLOCK, THRISSUR DISTRICT

AAS 43/2018(84), Tuesday

23.10.2018

The Agricultural advisory of this bulletin is not applicable in flood-affected areas.

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 148.0 mm. the maximum temperature ranges from 31.0°C to 33.8°C, minimum temperature ranges from 22.2°C to 24.5°C. Morning relative humidity ranges from 90% to 98% and afternoon relative humidity ranges from 56% to 91%. Wind speed ranges from 0.9 to 1.4 km/h. Bright sunshine hours range from 1.9 to 8.3 hours. Evaporation ranges from 1.9 to 3.5 mm.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	24.10.2018	25.10.2018	26.10.2018	27.10.2018	28.10.2018
Rainfall (mm)	9	9	2	12	16
Maximum temperature (°C)	32.6	33.0	33.2	33.4	33.0
Minimum temperature (°C)	22.0	22.4	22.6	21.8	21.6
Total cloud cover (octa)	5	5	5	5	5
Maximum Relative Humidity (%)	95	95	95	95	95
Minimum Relative Humidity (%)	65	65	65	65	65
Wind speed (kmph)	006	006	006	006	006
Wind direction (deg)	290	290	290	290	290

Light rainfall in first 3 days and moderate rainfall in the coming 2 days were forecasted in Irinjalakuda Block by India Meteorological Department.

AGRO-METEOROLOGICAL ADVISORIES:

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Land preparation to transplanting	-	Transplant seedlings at 4-5 leaf stage. Soak seed for 30 minutes in a solution of Pseudomonas culture @ 10g/litre per kg of seeds. The above seed treatment can also be used to control sheath blight, sheath rot, leaf spot disease etc.
Coconut	-	Rhinoceros beetle	After thorough cleaning of the crown region, apply cartap hydrochloride 4G @ 20 g mixed with fine sand 200 g to the inner most leaf axils surrounding the spindle leaf or a mixture of fipronil 0.3 G @ 20 g and fine sand @ 200 g to the inner most leaf axils. This application has to be repeated thrice a year. (January, May and September/ October) for better results.
Vegetables	-	-	This is the best time to sow cabbage and cauliflower seeds in the nursery beds. Addition of pseudomonas culture to the soil at the time of planting of cabbage and cauliflower will help to reduce fungal diseases.
Animal Husbandry	<ul style="list-style-type: none"> Animal should not be left to graze under hot sun from morning 10.00 AM to evening 3.00 PM. Concentrate feed should be sun dried regularly to avoid mould growth Deworm the animals and birds and vaccinate them against infectious diseases. (CAADECCS, KVASU, Mannuthy)		