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Block Level Experimental Agromet Advisory Bulletin

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



CHALAKUDY BLOCK, THRISSUR DISTRICT

AAS 01/2019(2), Friday

04.01.2019

SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:

The total rainfall received 0.0 mm. the maximum temperature ranges from 30.9°C to 34.2°C, minimum temperature ranges from 19.1°C to 23.8°C. Morning relative humidity ranges from 55% to 90% and afternoon relative humidity ranges from 27% to 62%. Wind speed ranges from 2.5 to 10.3 km/h. Bright sunshine hours range from 0.0 to 9.7 hours. Evaporation ranges from 2.3 to 6.2 mm.

CURRENT SYNOPTIC SITUATION: Light to moderate Northeasterlies prevail over Kerala in the lower tropospheric levels. The cyclonic storm 'PABUK' over south China sea moved westnorthwestwards and lay centred at 0830 hrs. IST of today the 4th January 2019 over Gulf of Thailand and adjoining Thailand near latitude 8.3⁰N and longitude 101.0⁰E, about 990 km eastsoutheast of Port Blair. It is very likely to move westnorthwestwards and emerge into Andaman sea by tomorrow forenoon. Thereafter it is very likely to move northwestwards and cross Andaman Islands around evening/night of 6th January. Subsequently, it is very likely to move northnorthwestwards and then recurve northeastwards towards Myanmar coast and weaken further during 7th & 8th January 2019.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

Weather parameters	05.01.2019	06.01.2019	07.01.2019	08.01.2019	09.01.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	32	32	32	32	32
Minimum temperature (°C)	19	20	20	20	20
Total cloud cover (octa)	4	4	4	4	4
Maximum Relative Humidity (%)	65	65	65	65	65
Minimum Relative Humidity (%)	30	30	30	30	30
Wind speed (kmph)	10	10	12	8	8
Wind direction (deg)	90	200	230	230	200

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	Panicle initiation	Leaf folder	As a prophylactic measure, apply 2CC <i>Trichogramma chilonis</i> card per acre to control leaf folder. Cut the cards in to small pieces and fix in different parts of the field in plastic cups.
Coconut	-	Red palm weevil	Coconut palms are seen affected by red palm weevil. After thorough cleaning of the crown region, apply 1 ml imidacloprid per one litre of water at spindle leaf area.
Vegetables (Cowpea)	-	Stem fly	There is a chance of stem fly in cowpea. Apply 2% neem oil garlic emulsion.
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)		