



**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)



**PALAKKAD DISTRICT**

AAS 02/2019(3), Tuesday

08.01.2019

**CURRENT SYNOPTIC SITUATION:** Light to moderate Easterlies /Northeasterlies prevails over Kerala in the lower tropospheric levels. The depression over East central and adjoining south east Bay of Bengal weakened as a well marked low over East central Bay of Bengal and adjoining North Andaman sea off Myanmar coast , further weakened and now lies as a low pressure area over Myanmar coast and neighbourhood. Associated upper air cyclonic circulation extends upto 1.5km above mean sea level.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

Weather parameters	09.01.2019	10.01.2019	11.01.2019	12.01.2019	13.01.2019
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C )	31	31	31	31	31
Minimum temperature (°C )	19	19	19	19	19
Total cloud cover (octa)	5	5	5	5	5
Maximum Relative Humidity (%)	75	75	75	75	75
Minimum Relative Humidity (%)	40	40	40	40	40
Wind speed (kmph)	14	12	12	14	12
Wind direction (deg)	90	90	90	90	90

**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.
Vegetables (cowpea)	-	Aphids	There is a chance of aphids in cowpea. Apply 2% neem oil emulsion or apply 20 g verticillium lecanii per one litre of water in 10 days intervals. If aphid attack is severe, apply 3 ml Imidacloprid or 2 g Thiamethoxam per 10 litre of water.
		Shoot and Fruit borer	Shoot and fruit borer affected parts in cowpea can be removed. Apply 5% Neem Kernel Suspension to control shoot and fruit borer in the initial stage. Spray Flubendamide 2ml/10L of water or Chlorantraniliprole 3 ml/10L if the attack is severe.
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)		