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**Block Level Experimental Agromet Advisory Bulletin**

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



**IRINJALAKUDA BLOCK, THRISSUR DISTRICT**

AAS 39/2018(77), Tuesday

25.09.2018

**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 2.1 mm. the maximum temperature ranges from 31.9°C to 33.4°C, minimum temperature ranges from 21.4°C to 23.2°C. Morning relative humidity ranges from 85% to 95% and afternoon relative humidity ranges from 47% to 65%. Wind speed ranges from 1.4 to 2.0 km/h. Bright sunshine hours range from 5.3 to 9.6 hours. Evaporation ranges from 3.0 to 3.8 mm.

**CURRENT SYNOPTIC SITUATION:** A Cyclonic circulation lies over East central Arabian Sea off South Maharashtra – Goa coasts between 1.5 & 3.1 km above mean sea level. A north-south trough runs from south interior Karnataka to Gulf of Mannar across interior Tamil Nadu and extends upto 1.5km above mean sea level.

**Heavy Rainfall Warning :** Heavy rainfall is most likely to occur at isolated places in Kerala till the morning of 29<sup>th</sup> .

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

Weather parameters	26.09.2018	27.09.2018	28.09.2018	29.09.2018	30.09.2018
Rainfall (mm)	7	7	2	7	8
Maximum temperature (°C )	33.1	33.2	32.8	33.3	33.4
Minimum temperature (°C )	21.6	21.7	21.8	22.0	21.9
Total cloud cover (octa)	6	6	6	6	6
Maximum Relative Humidity (%)	80	80	80	80	80
Minimum Relative Humidity (%)	55	55	55	55	55
Wind speed (kmph)	6	6	6	6	6
Wind direction (deg)	270	270	270	270	270

**Below normal rainfall is expected in Kerala for the coming week.**

**As per IMD forecast, light rainfall is expected for coming days in Irinjalakuda Block**

**AGRO-METEOROLOGICAL ADVISORIES:**

Crop	Crop stage	Pest/ Disease	Advisories
Paddy	Harvesting stage	Leaf folder and Stem borer	As a prophylactic measure, apply 2CC trichogramma cards per acre to control leaf folder and stem borer. Cut the cards in to small pieces and fix in different parts of the field in plastic cups. If the attack is severe, spray 3ml chlorantraniliprole per 10 litre of water.
Coconut	-	White fly	To control white fly, spray the mixture of 2% neem oil emulsion with 20 g of biocontrol agent (Lecanicillium) on lower sides of leaves.
Vegetables (cowpea)	Fruiting stage	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	<ul style="list-style-type: none"> <li>Animal should not be left to graze under hot sun from morning 10.00 AM to evening 3.00 PM.</li> <li>Concentrate feed should be sun dried regularly to avoid mould growth</li> <li>Deworm the animals and birds and vaccinate them against infectious diseases. (CAADECCS, KVASU, Mannuthy)</li> </ul>		