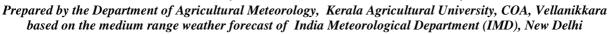




Gramin Krishi Mousam Sewa (GKMS), Thrissur







AAS Bulletin No: 09/2022, (17) Tuesday

dated 28.2.2022

A. Significant weather for the preceding week at vellanikkara							
Rainfall	Maximum	Minimum	RH	RH	Wind speed	Sun shine	Evap. (mm)
(mm)	Temp.(°C)	Temp.(°C)	FN (%)	AN (%)	(Km/h)	hours	
(0.0)	(34.3-36.1)	(22.2-24.1)	(68-91)	(30-48)	(2.0-8.0)	(6.6-10.3)	(3.4-7.1)

B. Medium range weather forecast of IMD for next five days					
Weather parameters	01.3.2022	02.3.2022	03.3.2022	04.3.2022	05.3.2022
Rainfall (mm)	0	0	0	0.1	0.1
Maximum temperature (°C)	36	36	36	36	36
Minimum temperature (°C)	24	24	24	24	24
Maximum Relative Humidity (%)	67	67	67	67	67
Minimum Relative Humidity (%)	35	35	35	35	35
Wind speed (kmph)	8	10	16	16	8
Wind direction (deg)	50	50	50	50	50
Total cloud cover (octa)	2	2	2	3	6

Weather summary / Alert: Since dry weather condition is prevailed, irrigation of crops can be continued, when required in the district. Below normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS					
2022 March 01	2022 March 02	2022 March 03	2022 March 04	2022 March 05	
No Rain					

C. General and Agrometeorological Advisories for Thrissur District

Since dry weather condition is prevailed, irrigation of crops can be continued, if needed. Since the wind speed may increase, give strong propping to banana and staking to vegetables.

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Crop	Pest/ Disease	Crop/ Animal Advisory		
Puncha Rice in Active Tillering stage	Bacterial Leaf Blight (BLB)	There is a chance of Bacterial Leaf Blight in rice, apply bleaching powder @ 200g per one acre in the irrigation water. As a prophylactic measure, spray a mixture of cow dung slurry (20g cow dung per one litre of water) and pseudomonas solution (20g per one litre of water). If the attack is severe spray 6 g of Streptocycline in 30 litre of water.		
Coconut & Arecanut	Management	Since dry weather condition is prevailed, irrigate to Coconut and Arecanut. Give 40 to 50 liter water for a coconut palm and 25 liter water for an Arecanut plant. Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the coconut palm to conserve soil moisture. It is desirable to apply lime (white colour) on the stem near the ground to protect from heat.		
Vegetables	Sucking Pest	Due to increase in atmospheric temperature, the attack of sucking pest was increased in vegetables. They can be controlled by applying 2% neem oil emulsion once in a week or by spraying Lecanicillium lecanii at 20 g per litre of water.		
Animal	Ensure sufficient supply of clean drinking water to the animals. Take measures for preventing			
Husbandry	mosquito breeding in the premises. (CAADECCS, KVASU, Mannuthy).			