



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 19.1.2022 to 23.1.2022)



*Prepared by the Department of Agricultural Meteorology, Kerala Agricultural University, COA, Vellanikkara
based on the medium range weather forecast of India Meteorological Department (IMD), New Delhi*

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dated 18.1.2022

A. Medium range weather forecast of IMD for next five days




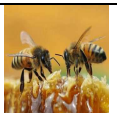
RAINFALL FORECAST FOR NEXT FIVE DAYS

Weather parameters		19.1.2022	20.1.2022	21.1.2022	22.1.2022	23.1.2022
Rainfall (mm)		0	0	0	0	0
Maximum temperature (°C)		32	31	31	31	31
Minimum temperature (°C)		24	24	24	24	24
Maximum Relative Humidity (%)		90	90	90	90	90
Minimum Relative Humidity (%)		65	65	65	65	65
Wind speed (kmph)		2	2	2	2	2
Wind direction (deg)		230	230	230	230	230
Total cloud cover (octa)		2	4	3	4	2
2022 January 19	2022 January 20	2022 January 21	2022 January 22		2022 January 23	
No rain						

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

B. Agrometeorological Advisories for crop protection & management

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.

Crop	Pest/ Disease	Crop/ Animal Advisories (RRS Vyttila)	
Mundakan Rice in Maturity stage	Bacterial Leaf blight		To control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas in one litre of water. If the attack is severe spray 6 g of Streptomycin in 30 litre of water.
Puncha Rice (seedling stage)	Thrips		Flooding the rice field will manage the thrips population to an extent. In severe cases, spray Thiamethoxam 25 WG 2g in 10 litre water.
Various crops	Caterpillars		Neem seed kernel extract 5% (Grind 50g Neem seed kernel to coarse powder, put in muslin cloth bag, keep immersed in 1 L water overnight. Thereafter, squeeze the cloth bag by dipping in water repeatedly till the water coming out from cloth bag becomes clear); <i>Beauveria bassiana</i> 20g per litre can be sprayed; Chlorantraniliprole 18.5 SC 3ml / 10 litre water can be sprayed. If the hairy caterpillars are spreading to homesteads, Cypermethrin 1 ml per litre along with a sticker can be applied.
Apiculture	Management		Copious flow of extra floral nectar available on rubber trees during January-April can be exploited by shifting bee colonies to these plantations during this period.
Fish farming	Management-Farmers can culture the following fishes like red snapper, seabass, pearl spot, mullet, pompano, milk fish etc. in brackish water		