



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 22.1.2022 to 26.1.2022)

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

Weather parameters	22.1.2022	23.1.2022	24.1.2022	25.1.2022	26.1.2022
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 (%)	76	76	76	76	76
Minimum Relative Humidity (%)	58	58	58	58	58
Wind speed (kmph)	10	12	10	10	12
Wind direction (deg)	230	290	320	320	320
Total cloud cover (octa)	5	4	3	4	7




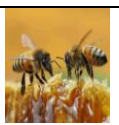
RAINFALL FORECAST FOR NEXT FIVE DAYS

2022 January 22	2022 January 23	2022 January 24	2022 January 25	2022 January 26
No rain				

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

B. Agrometeorological Advisories for crop protection & management

Since clear sky condition is prevailing, 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 liter of water and spray the supernatant liquid by mixing with 20g of pseudomonas in one liter of water. If the attack is severe spray 6 g of Streptocycline in 30 liter 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 liter 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 liter can be sprayed; Chlorantranilipole 18.5 SC 3ml / 10 liter water can be sprayed. If the hairy caterpillars are spreading to homesteads, Cypermethrin 1 ml per liter 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	