



आजदी
अमृत महोत्सव

Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 26.1.2022 to 30.1.2022)



*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





RAINFALL FORECAST FOR NEXT FIVE DAYS

| Weather parameters | 26.1.2022 | 27.1.2022 | 28.1.2022 | 29.1.2022 | 30.1.2022 |
|-------------------------------|-----------------|-----------------|-----------------|-----------------|-----------|
| Rainfall (mm) | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Maximum temperature (°C) | 31 | 31 | 31 | 31 | 31 |
| Minimum temperature (°C) | 23 | 23 | 23 | 23 | 23 |
| Maximum Relative Humidity (%) | 88 | 88 | 88 | 88 | 88 |
| Minimum Relative Humidity (%) | 60 | 60 | 60 | 60 | 60 |
| Wind speed (kmph) | 20 | 20 | 20 | 20 | 20 |
| Wind direction (deg) | 320 | 290 | 270 | 270 | 320 |
| Total cloud cover (octa) | 4 | 7 | 7 | 4 | 4 |
| 2022 January 26 | 2022 January 27 | 2022 January 28 | 2022 January 29 | 2022 January 30 | |
| No rain | | | | | |

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.

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 | Harvesting stage |  | Second paddy crop (<i>Mundakan</i>) is in Harvesting stage |
| 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; Chlorantranilipole 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 | | |