



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Ernakulam District
(Valid from 04.12.2021 to 08.12.2021)

*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 | 04.12.2021 | 05.12.2021 | 06.12.2021 | 07.12.2021 | 08.12.2021 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 20 | 10 | 20 | 20 | 10 |
| Maximum temperature (°C) | 30 | 30 | 30 | 30 | 30 |
| Minimum temperature (°C) | 25 | 25 | 25 | 25 | 25 |
| Maximum Relative Humidity (%) | 92 | 92 | 92 | 92 | 92 |
| Minimum Relative Humidity (%) | 70 | 70 | 70 | 70 | 70 |
| Wind speed (kmph) | 10 | 6 | 14 | 14 | 2 |
| Wind direction (deg) | 250 | 250 | 290 | 290 | 320 |
| Total cloud cover (octa) | 7 | 5 | 8 | 8 | 7 |



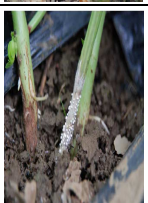
RAINFALL FORECAST FOR NEXT FIVE DAYS

| 2021 December 04 | 2021 December 05 | 2021 December 06 | 2021 December 07 | 2021 December 08 |
|------------------|------------------|---|------------------|------------------|
| Moderate rain | Light rain | Moderate rain and Heavy rainfall in isolated places | | Light rain |

Weather summary / Alert: Moderate rainfall is expected in the district and heavy rainfall in isolated places
Above normal rainfall is expected in Kerala.

B. Agrometeorological Advisories for crop protection & management

General Advisory: Provide sufficient drainage facilities in agricultural lands.
Spraying should be done only on dry/clear weather conditions.
Do not keep the harvested produces like rice, rubber, copra and fertilizers at open places.
The wind speed may increase. Give strong propping to banana and staking to vegetables.

| Crop | Pest/ Disease | Crop/ Animal Advisories (RRS Vyttila) |
|-------------------------------------|---|---|
| Rice (General) | Sheath rot and foot rot |  Spray Hexaconazole 5EC 1.5 ml per litre after draining the field |
| Coconut | Fruit rot and immature nut fall (<i>Lasiodiplodia</i>) |  Remove fallen nuts from field, spray 10% garlic bulb extract / Carbendazim 1 ml per L / Hexaconazole 1.5-2 ml per L /Carbendazim 12% + Mancozeb 63% WP 2 g per L excluding newly formed inflorescences. |
| Turmeric, cowpea, elephant foot yam | <i>Sclerotium</i> rot |  Store disease free planting materials for next crop. Before storing corms/rhizomes from diseased fields, treat them with 0.2% Mancozeb/Carbendazim or <i>Trichoderma</i> (5 g per Kg seeds) dissolved in cow dung supernatant or 0.7% Nanma and dry in shade. Treat seeds with <i>Trichoderma</i> (5 g per Kg seeds) dissolved in cow dung supernatant before planting. |
| Fish farming | Carp varieties like Catla, Rohu, Mrigal, Grass carp, Silver carp and Common carp and fishes like Varal, Kari, Pangasius and Tilapia can be suitable species for fresh water fish culture. | |