



Gramin Krishi Mousam Sewa (GKMS), Thrissur

## Agromet Advisory Bulletin for Ernakulam District

(Valid from 13.4.2022 to 17.4.2022)

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            | 13.4.2022 | 14.4.2022 | 15.4.2022 | 16.4.2022 | 17.4.2022 |
|-------------------------------|-----------|-----------|-----------|-----------|-----------|
| Rainfall (mm)                 | 40        | 20        | 20        | 10        | 10        |
| Maximum temperature (°C)      | 33        | 33        | 33        | 33        | 33        |
| Minimum temperature (°C)      | 25        | 25        | 25        | 25        | 25        |
| Maximum Relative Humidity (%) | 90        | 90        | 90        | 90        | 90        |
| Minimum Relative Humidity (%) | 72        | 72        | 72        | 72        | 72        |
| Wind speed (kmph)             | 6         | 4         | 3         | 3         | 6         |
| Wind direction (deg)          | 340       | 230       | 250       | 230       | 230       |
| Total cloud cover (octa)      | 8         | 8         | 7         | 4         | 4         |

### RAINFALL FORECAST FOR NEXT FIVE DAYS

| 2022 April 13 | 2022 April 14 | 2022 April 15 | 2022 April 16 | 2022 April 17 |
|---------------|---------------|---------------|---------------|---------------|
| Moderate rain | Moderate rain | Moderate rain | Light rain    | Light rain    |

**Weather summary / Alert:** Moderate rainfall is expected in the district. Above normal rainfall is expected in Kerala.

### B. Agrometeorological Advisories for crop protection & management

If heavy rainfall is expected, provide proper drainage in the cropped field. Harvest the crop as early as possible. Propping of the banana plants recommended. Additional support of the pandals recommended. Keep away from open fields to avoid lightning stroke to livestock and farmers in the afternoon.

### C. General and Agrometeorological Advisories for Thrissur District

| Crop                            | Pest/ Disease | Crop/ Animal Advisory   |
|---------------------------------|---------------|---|
| Rice (Puncha)<br>Maturity stage | Precautions   | Lodging due to water logging. Provide proper drainage facilities  |
| Banana                          | All stages    | Lodging due to heavy wind. Provide staking for support i.e. Propping of the banana plants recommended.  |
| Vegetables                      | All stages    | Heavy rainfall results in the flooding of the cropped field which damages the crop in the maturity stage. Provide proper drainage in the cropped field. Lodging due to heavy wind. Additional support of the pandals recommended. |
| Animal Husbandry                |               | Keep away from open fields to avoid lightning stroke to livestock in the afternoon  |