



## Agromet Advisory Bulletin for Ernakulam District

(Valid from .03.9.2022 to 07.9.2022)

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            | 03.09.2022 | 04.09.2022 | 05.09.2022 | 06.09.2022 | 07.09.2022 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)                 | 15         | 7          | 7          | 25         | 23         |
| Maximum temperature (°C )     | 29         | 29         | 29         | 29         | 30         |
| Minimum temperature (°C )     | 24         | 24         | 24         | 24         | 25         |
| Maximum Relative Humidity (%) | 98         | 98         | 98         | 98         | 98         |
| Minimum Relative Humidity (%) | 82         | 82         | 82         | 82         | 82         |
| Wind speed (kmph)             | 5          | 5          | 3          | 8          | 8          |
| Wind direction (deg)          | 180        | 250        | 250        | 290        | 290        |
| Total cloud cover (octa)      | 8          | 6          | 7          | 8          | 8          |

### RAINFALL FORECAST FOR NEXT FIVE DAYS

| 2022 September 03 | 2022 September 04 | 2022 September 05 | 2022 September 06 | 2022 September 07 |
|-------------------|-------------------|-------------------|-------------------|-------------------|
| Light rain        | Light rain        | Light rain        | Moderate rain     | Moderate rain     |

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

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

#### C. General and Agrometeorological Advisories for (RRS Vyttila)

Proper drainage facilities have to be ensured at crop field. If necessary during clear sky, spray the pesticides with stickers in the solutions

| Crop                            | Pest/ Disease         | Crop/ Animal Advisory   |
|---------------------------------|-----------------------|---|
| Paddy (Pokkali)                 | Bacterial leaf blight | As a prophylactic measure, <i>Pseudomonas</i> (@ 20 g per L of water) can be sprayed.   |
| Paddy (Virippu Flowering stage) | Glume discoloration   | Spray 0.4 g Nativo and potassium nitrate (13:0:45) 10g in a litre of water  |
| Dolichos bean & winged bean     | Management            | This is the sowing time of dolichos bean and winged bean as these vegetables bear flowers and fruits during short day conditions from November to February. Land preparations and planting operations can be initiated. |
| Ginger                          | Stem borer            | Spray 20g <i>Beauveria bassiana</i> in a litre of water   |

Fisheries management- Rice research Station, Vyttila (Kerala Agricultural University) is having facilities to test water quality parameters of fish culture ponds.