



Gramin Krishi Mousam Sewa (GKMS), Thrissur
Agromet Advisory Bulletin for Thrissur District
(Valid from 23.4.2022 to 27.4.2022)

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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dated 22.4.2022

A. Significant weather for the preceding week at vellanikkara

| Rainfall (mm) | Maximum Temp.(°C) | Minimum Temp.(°C) | RH FN (%) | RH AN (%) | Wind speed (Km/h) | Sun shine hours | Evap. (mm) |
|---------------|-------------------|-------------------|-----------|-----------|-------------------|-----------------|------------|
| (24.4) | (30.8-35.2) | (23.9-26.8) | (89-98) | (53-76) | (1.0-2.5) | (0.9-10.4) | (1.7-4.0) |

B. Medium range weather forecast of IMD for next five days

| Weather parameters | 23.4.2022 | 24.4.2022 | 25.4.2022 | 26.4.2022 | 27.4.2022 |
|-------------------------------|-----------|-----------|-----------|-----------|-----------|
| Rainfall (mm) | 2 | 0.1 | 0.1 | 0 | 0.2 |
| Maximum temperature (°C) | 36 | 36 | 36 | 36 | 36 |
| Minimum temperature (°C) | 26 | 26 | 26 | 26 | 26 |
| Maximum Relative Humidity (%) | 78 | 78 | 78 | 78 | 78 |
| Minimum Relative Humidity (%) | 68 | 68 | 68 | 68 | 68 |
| Wind speed (kmph) | 4 | 4 | 4 | 4 | 4 |
| Wind direction (deg) | 230 | 230 | 270 | 270 | 270 |
| Total cloud cover (octa) | 7 | 4 | 4 | 4 | 5 |




Weather summary / Alert: Light rainfall is expected in isolated places of the district. Normal rainfall is expected in Kerala.

RAINFALL FORECAST FOR NEXT FIVE DAYS

| 2022 April 23 | 2022 April 24 | 2022 April 25 | 2022 April 26 | 2022 April 27 |
|-----------------|-----------------|-----------------|---------------|-----------------|
| Very light rain | Very light rain | Very light rain | No rain | Very light rain |

C. General and Agrometeorological Advisories for Thrissur District

Farmers are advised to avoid direct sunlight to prevent sunburn. The crops should be irrigated at critical stages. Drip irrigation can be recommended to reduce water loss. Proper mulching can be followed to conserve soil moisture.

| Crop | Pest/ Disease | Crop/ Animal Advisory |
|--|---|---|
| Rice (Puncha) Maturity stage | Sheath Blight & Blast  | During the hot weather, there is a chance of Sheath Blight & Blast disease in rice, spray 4 gram of Nativo in ten litres of water. |
| Vegetables (Chilli, Tomato, Brinjal, Okra) | Sucking Pest (Thrips, aphids & whiteflies)  | During the hot weather, there is a chance of sucking pests infestation. Spray 2% Neem oil garlic emulsion on every two weeks. |
| Ginger & Turmeric | Planting time  | During land preparation, apply 2 to 3 kg lime per cent. The rhizomes should be soaked in 0.3 % mancozeb or pseudomonas solution for 30 minutes for preventing rhizome rot disease. While planting 90 kg FYM mixed with one kg Trichoderma and kept under shade for two weeks with sufficient moisture can be applied. |
| Animal Husbandry | Give 30g sodium bicarbonate with one tea spoon yeast mixed in feed to avoid indigestion and acidity. (CAADECCS, KVASU, Mannuthy). | |