



आजदी  
का  
अमृत महोत्सव



**Gramin Krishi Mousam Sewa (GKMS), Thrissur**  
**Agromet Advisory Bulletin for Ernakulam District**  
**(Valid from 01.1.2022 to 05.1.2022)**

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

**AAS Bulletin No: 01/2021, (2) Friday dated 31.12.2021**

**A. Medium range weather forecast of IMD for next five days**

| Weather parameters            | 01.1.2022 | 02.1.2022 | 03.1.2022 | 04.1.2022 | 05.1.2022 |
|-------------------------------|-----------|-----------|-----------|-----------|-----------|
| Rainfall (mm)                 | 1         | 2         | 1         | 1         | 0         |
| Maximum temperature (°C)      | 31        | 31        | 31        | 31        | 31        |
| Minimum temperature (°C)      | 23        | 22        | 22        | 22        | 22        |
| Maximum Relative Humidity (%) | 75        | 75        | 75        | 75        | 75        |
| Minimum Relative Humidity (%) | 60        | 60        | 60        | 60        | 60        |
| Wind speed (kmph)             | 8         | 10        | 8         | 8         | 12        |
| Wind direction (deg)          | 270       | 250       | 270       | 270       | 270       |
| Total cloud cover (octa)      | 4         | 4         | 2         | 6         | 4         |





**RAINFALL FORECAST FOR NEXT FIVE DAYS**

| 2022 January 1  | 2022 January 2 | 2022 January 3 | 2022 January 4 | 2022 January 5 |
|-----------------|----------------|----------------|----------------|----------------|
| Very light rain |                |                |                | No rain        |

**Weather summary / Alert:** Very light rainfall is expected in isolated places of the district. Below normal rainfall is expected in Kerala.

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

Since there is a chance of dry weather condition due to strong wind and high evaporation, crops should be irrigated, when required. 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 in Milky stage | Bacterial Leaf blight   |  To control and prevent Bacterial Leaf blight in paddy, dissolve 20 g of cow dung in one litre of water and spray the supernatant liquid by mixing with 20g of pseudomonas in one litre of water.  |
| Puncha Rice in sowing        |   |  Seed treatment- Dress the seeds with pseudomonas before sowing. (10 gram of pseudomonas per one kg of paddy seeds.)   |
| Vegetables                   | Sucking pests   |  Spraying of <i>Leccanicilium leccani</i> 20 g / L at weekly intervals to be done from the initial stage of infestation. Higher population of the pests can be suppressed by spraying Neem based insecticides or Dimethoate 30 EC (1.5 ml / L) or Thiamethoxam 20 WG (2g / 10 L). The spray fluid should be directed towards either side of leaves.<br>In the case of mealy bugs, white flies etc., spraying of soap solution to be done before the application of chemicals to dissolve the waxy covering |
| Cool season vegetables       | Management  |  Necessary irrigation to be provided for cabbage and cauliflower till the formation of head / curd. Cover the curd with 3-4 surrounding leaves to prevent discoloration when the curd is half mature stage (blanching) in cauliflower.   |
| Fish farming                 | Fish farmers are advised to keep sunshade net over fish pond which will be helpful to control over growth of green planktons. |   |