



Gramin Krishi Mousam Sewa (GKMS), Thrissur

Agromet Advisory Bulletin for Ernakulam District

(Valid from 09.4.2022 to 13.4.2022)

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 08.4.2022

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

| Weather parameters | 09.4.2022 | 10.4.2022 | 11.4.2022 | 12.4.2022 | 13.4.2022 |
|-------------------------------|-----------|-----------|-----------|-----------|-----------|
| Rainfall (mm) | 15 | 8 | 0 | 4 | 1 |
| Maximum temperature (°C) | 32 | 32 | 33 | 33 | 33 |
| Minimum temperature (°C) | 25 | 25 | 25 | 25 | 25 |
| Maximum Relative Humidity (%) | 90 | 90 | 90 | 90 | 90 |
| Minimum Relative Humidity (%) | 60 | 60 | 60 | 60 | 60 |
| Wind speed (kmph) | 3 | 3 | 3 | 2 | 3 |
| Wind direction (deg) | 320 | 320 | 50 | 50 | 360 |
| Total cloud cover (octa) | 6 | 6 | 4 | 4 | 4 |

RAINFALL FORECAST FOR NEXT FIVE DAYS

| 2022 April 09 | 2022 April 10 | 2022 April 11 | 2022 April 12 | 2022 April 13 |
|---------------|---------------|---------------|---------------|-----------------|
| Light rain | Light rain | No Rain | Light rain | Very light rain |

| | | | |
|---------------------------------|--|-----------------------|--|
| | Weather summary / Alert: Light rainfall is expected in the district and moderate rain fall is expected in isolated places. Normal to Above normal rainfall is expected in Kerala. | | |
| Forecast | 1) Isolated heavy rainfall very likely over South Kerala on 8 th & 9 th April 2022. 2) Thunderstorm accompanied with lightning at isolated places very likely during next 5 days along with gusty winds (speed 30-40 kmph) on 9 th April 2022. | | |
| Impact Expected | <ul style="list-style-type: none"> Unseasonal rains may cause flooding in the lowlands. Heavy rainfall results in the flooding of the cropped field which damages the crop in the maturity stage High winds cause lodging of the banana plants Those vegetables in pandals will be damaged due to high winds | | |
| General Action Suggested | <ul style="list-style-type: none"> Harvest the crop as early as possible Provide proper drainage in the cropped field if heavy rainfall is expected 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 | | |
| Crop | Stage | Likely Impact on crop | Advisory & Action Suggested |

| | | | |
|---------------|--------------------|---|---|
| Vegetables | All stages | Fruit fall due to heavy wind Lodging due to heavy wind Heavy rainfall results in the flooding of the cropped field which damages the crop in the maturity stage | <ul style="list-style-type: none"> • Harvest the ripe fruits , • Provide staking for support ,Strengthen the pandals • Provide proper drainage in thecropped field. • Additional support of the pandals recommended |
| Banana | Planting | Lodging due to heavy wind | <ul style="list-style-type: none"> • Provide staking for support i.e. Propping of the banana plants recommended |
| Yams | Vegetativ estage | Lodging due to heavy wind | <ul style="list-style-type: none"> • Provide staking for support |
| LowlandPulses | Harvesting | Unseasonal rains may causeflooding in the lowlands. | Harvest the crop as early as possible |
| Rice | Grain Fillingstage | Lodging due to water logging | Provide proper drainage facilities |

| COLOR CODES | |
|--------------------|--------------------|
| Very Low | No action |
| Low | Be updated |
| Medium | Be prepared |
| High | Take Action |