



Kerala Agricultural University, Vellanikkara, Thrissur
Department of Agricultural Meteorology, College of Agriculture

Email: cohagmet@kau.in&kauagmet@yahoo.co.in

Agromet Advisory Service Bulletin

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ERNAKULAM DISTRICT

AAS 14/2021, (28)Thursday

01.04.2021

CURRENT SYNOPTIC SITUATION: A Low Pressure Area over south Andaman Sea & neighbourhood. The associated cyclonic circulation extends upto 5.8 km above mean sea level . A cyclonic circulation lies over Sri Lanka and adjoining Comorin area between 1.5 km & 3.6 km above mean sea level. A north-south trough from North Interior Karnataka to south Tamil nadu and extends upto 1.5 km above mean sea level

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

| Weather parameters | 02.04.2021 | 03.04.2021 | 04.04.2021 | 05.04.2021 | 06.04.2021 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 2 | 0.1 | 0 | 0.1 | 0.1 |
| Maximum temperature(°C) | 32 | 33 | 33 | 33 | 33 |
| Minimum temperature (°C) | 26 | 26 | 26 | 26 | 26 |
| Maximum Relative Humidity (%) | 81 | 81 | 81 | 81 | 81 |
| Minimum Relative Humidity (%) | 60 | 60 | 60 | 60 | 60 |
| Wind speed (kmph) | 10 | 12 | 12 | 14 | 18 |
| Wind direction (deg) | 320 | 320 | 320 | 320 | 320 |
| Total cloud cover (octa) | 6 | 4 | 4 | 4 | 6 |

Light rainfall is forecasted in isolated places of the district by IMD & KAU. Below normal rainfall is expected in Kerala.

AGRO-METEOROLOGICAL ADVISORIES:

| Crop | Pest/ Disease | Advisories |
|--------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General Advisories: Precaution should be taken during drying of agricultural products and spraying of pesticides. | | |
| Banana | Rhizome Weevil | During this special weather condition, there is a chance of Rhizome Weevil attack in banana. As a precaution, apply neem cake @ 1 kg/plant at the time of planting. Cut and remove the outer layer of the rhizome and sundry for 3-4 days after smearing it with slurry of cow dung and ash. |
| Coconut | Management | Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture. The husk can be buried either in linear trenches taken 3 meter away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 meter from the trunk. The trenches may be of 0.5 meter width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5 to 7 years. Instead of husk, coir pith can be buried @ 25 kg/palm/year. |
| Vegetables | Sucking Pest | Due to increase in atmospheric temperature, the attack of sucking pest was increased. They can be controlled by applying 2% neem oil emulsion once in a week or by spraying Lecanicillium lecanii at 20 g per litre of water. |
| Animal Husbandry | Allow the animal to graze early in the morning or in the evening to avoid direct sunlight | |