



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

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

Agromet Advisory Service Bulletin

(Issued jointly by AMFU Thrissur, India Meteorological Department and Department of Agriculture)



ERNAKULAM DISTRICT

AAS 33/2018(66), Friday

17.08.2018

CURRENT SYNOPTIC SITUATION: A well marked low lies over Southwest Madhya Pradesh and neighbourhood with associated cyclonic circulation extending upto 7.6 km above mean sea level tilting southwards with height. A feeble offshore trough at mean sea level lies off Karnataka- North Kerala coast.

Heavy Rainfall warning:

Day1: Heavy to very heavy rainfall is most likely to occur at one or two places in Kerala .

Day 2 : Heavy rainfall is most likely to occur at one or two places in Kerala.

WEATHER FORECAST FOR THE NEXT FIVE DAYS:

| Weather parameters | 18.08.2018 | 19.08.2018 | 20.08.2018 | 21.08.2018 | 22.08.2018 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm) | 50 | 30 | 21 | 10 | 6 |
| Maximum temperature (°C) | 27 | 29 | 30 | 30 | 30 |
| Minimum temperature (°C) | 23 | 24 | 24 | 24 | 24 |
| Total cloud cover (octa) | 8 | 8 | 8 | 8 | 8 |
| Maximum Relative Humidity (%) | 95 | 95 | 95 | 95 | 95 |
| Minimum Relative Humidity (%) | 85 | 85 | 85 | 85 | 85 |
| Wind speed (kmph) | 008 | 008 | 008 | 008 | 008 |
| Wind direction (deg) | 290 | 290 | 290 | 290 | 290 |

Above normal rainfall is expected in Kerala for the coming week.

Intensity of rainfall may decrease in Ernakulam district in the coming days.

AGRO-METEOROLOGICAL ADVISORIES:

| Crop | Crop stage | Pest/ Disease | Advisories |
|---------------------|--|--------------------------------------|---|
| Coconut | - | Bud rot | There is a chance of bud rot disease in coconut palm, due to continuous rain. Small-perforated sachets (3 nos.) containing 5 g each of mancozeb may be tied to the top crown portion and leaf axil. When it rains, a small quantity of the fungicide is released from the sachets to the leaf base thus protecting the palm. Also apply 1% Bordeaux mixture or 0.2% Kocide along with a sticker on the crown. |
| Banana | Bunching stage | Sigatoka disease | Due to monsoon showers, there is a chance of Sigatoka disease in banana. As a precaution, Spray <i>Pseudomonas</i> 20g/litre. In case of severe attack, spray 2 ml <i>hexaconazole</i> or 1 ml <i>propiconazole</i> per one litre of water by mixing it with a sticker and spray on both the surface of the leaf. |
| Vegetables (cowpea) | Fruiting stage | Damping off and Rhizoctonia root rot | There is a chance of Damping off, due to continuous rain and water stagnation. <i>Rhizoctonia</i> root rot is also noticed at times in vegetables. Drench the soil with 1.5 g copper hydroxide or 2.5 g copper oxychloride per one litre of water to control damping off and drench with 1 g carbendazim or 2 g SAAF per one litre of water to control Rhizoctonia root rot. |
| Animal Husbandry | Ensure sufficient supply of clean drinking water to the animals. Take measures for preventing mosquito breeding in the premises. (CAADECCS, KVASU, Mannuthy) | | |