



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

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

**Block Level Experimental Agromet Advisory Bulletin**

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



**CHALAKUDY BLOCK, THRISSUR DISTRICT**

**AAS 27/2018(53), Tuesday**

**03.07.2018**

**SIGNIFICANT WEATHER FOR THE PRECEDING WEEK AT VELLANIKKARA:**

The total rainfall received 90.4 mm. the maximum temperature ranges from 29.0°C to 32.3°C, minimum temperature ranges from 21.7°C to 23.7°C. Morning relative humidity ranges from 91% to 98% and afternoon relative humidity ranges from 61% to 95%. Wind speed ranges from 0.2 to 1.9 km/h. Bright sunshine hours range from 0.0 to 7.9 hours. Evaporation ranges from 1.2 to 3.2 mm.

**CURRENT SYNOPTIC SITUATION:** A cyclonic circulation lies over West central Bay of Bengal off south Odisha and neighbourhood and extends between 5.8 km & 7.6 km above sea level. A feeble Offshore trough at mean sea level runs from North Maharashtra coast to North Kerala coast.

**Heavy Rainfall warning: Day 4 & 5:** Heavy rainfall is most likely to occur at one or two places in Kerala.

**WEATHER FORECAST FOR THE NEXT FIVE DAYS:**

| Weather parameters            | 04.07.2018 | 05.07.2018 | 06.07.2018 | 07.07.2018 | 08.07.2018 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)                 | 2          | 3          | 3          | 5          | 5          |
| Maximum temperature (°C)      | 32         | 32         | 32         | 32         | 32         |
| Minimum temperature (°C)      | 23         | 23         | 23         | 23         | 23         |
| Total cloud cover (octa)      | 6          | 6          | 6          | 7          | 7          |
| Maximum Relative Humidity (%) | 90         | 90         | 90         | 90         | 90         |
| Minimum Relative Humidity (%) | 75         | 75         | 75         | 75         | 75         |
| Wind speed (kmph)             | 008        | 008        | 008        | 008        | 008        |
| Wind direction (deg)          | 250        | 250        | 250        | 250        | 250        |

**Below Normal rainfall is expected in Kerala for the coming week.**

**Light rainfall is expected in Chalakudy Block for the coming week.**

**AGRO-METEOROLOGICAL ADVISORIES:**

| Crop                | Crop stage   | Pest/ Disease     | Advisories  |
|---------------------|--|-------------------|---|
| Rice                | Tillering stage  | Leaf folder       | Due to continuous cloudy weather condition, there is a chance of leaf folder attack in paddy. Use 2CC trichogramma cards per acre. Cut the cards in to small pieces and fix in different parts of the field. If the attack is severe, spray flubendiamide 1ml per 10 litre of water or chlorantraniliprole 3ml per 10 litre of water. |
| Banana              | Bunch emergence stage  | Pseudostem weevil | If infestation of pseudostem weevil is noticed, spray 2.5 ml of chlorpyrifos or 2 ml of quinalphos per one litre of water in leaf axils and by inserting the nozzle through the boreholes made by the larvae.   |
| Vegetables (cowpea) | Flowering/Fruiting stage   | Thrips and Mite   | There is a chance for the attack of thrips and mites in vegetables. Apply Spiromesifen 8 ml/10 L of water.  |
| Animal Husbandry    | Ensure sufficient supply of clean drinking water to the animals. Take measures for preventing mosquito breeding in the premises. (CAADECCS, KVASU, Mannuthy) |                   |   |