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**Block Level Experimental Agromet Advisory Bulletin**

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



**WADAKKANCHERY BLOCK, THRISSUR DISTRICT**

**AAS 29/2018(57), Tuesday**

**17.07.2018**

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

The total rainfall received 359.2 mm. the maximum temperature ranges from 26.7°C to 30.5°C, minimum temperature ranges from 20.7°C to 22.4°C. Morning relative humidity ranges from 96% to 99% and afternoon relative humidity ranges from 74% to 97%. Wind speed ranges from 0.4 to 2.6 km/h. Bright sunshine hours range from 0.0 to 1.1 hours. Evaporation ranges from 1.5 to 3.4 mm.

**CURRENT SYNOPTIC SITUATION:** A well marked low pressure area lies over North Chattisgarh and neighbourhood with associated upper air cyclonic circulation extending upto 7.6km above mean sea level tilting southwestwards with height.

**Heavy Rainfall warning:**

**Day 1& 2:** Heavy to very heavy rainfall is most likely to occur at one or two places in Kerala.

**Day 3 to 5:** Heavy rainfall is most likely to occur at one or two places in Kerala.

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

| Weather parameters            | 18.07.2018 | 19.07.2018 | 20.07.2018 | 21.07.2018 | 22.07.2018 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)                 | 37         | 35         | 37         | 32         | 32         |
| Maximum temperature (°C)      | 29         | 29         | 29         | 29         | 29         |
| Minimum temperature (°C)      | 21         | 21         | 22         | 22         | 22         |
| Total cloud cover (octa)      | 8          | 8          | 7          | 7          | 7          |
| Maximum Relative Humidity (%) | 95         | 95         | 95         | 95         | 95         |
| Minimum Relative Humidity (%) | 85         | 85         | 85         | 85         | 85         |
| Wind speed (kmph)             | 006        | 006        | 006        | 006        | 006        |
| Wind direction (deg)          | 230        | 230        | 230        | 230        | 230        |

**Above normal rainfall is expected in Kerala for the coming week**  
**Moderate rainfall is expected in Wadakkanchery block for coming days.**

**AGRO-METEOROLOGICAL ADVISORIES:**

| Crop                | Crop stage  | Pest/ Disease    | Advisories  |
|---------------------|---|------------------|---|
| Coconut             | -   | Bud rot          | Bud rot disease is seen in coconut palm due to continuous rainfall. Small perforated sachets containing 2 g of mancozeb may be tied to the top of leaf axil. When it rains, a small quantity of the fungicide is released from the sachets to the leaf base thus protecting the palm. |
| Banana              | Bunch emergence stage   | Sigatoka disease | Due to the pre monsoon showers, there is a chance of Sigatoka disease in banana. As a precaution, Spray Pseudomonas 20g/litre. In case of severe attack spray 1 gm Bavistin by mixing it with gum in 1 litre of water on lower surface of leaf.                                       |
| Vegetables (cowpea) | Flowering/Fruiting stage  | Downy mildew     | There is a chance of downy mildew attack in vegetables due to the south west monsoon. Application of 0.2% curzate M-8 or 0.1% Equation pro or Trichoderma 20g/litre under the leaves in 15 days interval is effective.  |
| Animal Husbandry    | Thoroughly wash the udder of the cow and hands of milking person prior to milking. Dip the teats in 1:1000 potassium permanganate solution after milking. (CAADECCS, KVASU, Mannuthy) |                  |   |