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**Block Level Experimental Agromet Advisory Bulletin**

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



**OLLUKKARA BLOCK, THRISSUR DISTRICT**

**AAS 32/2018(63), Tuesday**

**07.08.2018**

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

The total rainfall received 86.9 mm. the maximum temperature ranges from 29.9°C to 31.4°C, minimum temperature ranges from 22.7°C to 23.5°C. Morning relative humidity ranges from 93% to 98% and afternoon relative humidity ranges from 66% to 97%. Wind speed ranges from 0.8 to 1.9 km/h. Bright sunshine hours range from 0.0 to 4.7 hours. Evaporation ranges from 1.7 to 2.9 mm.

**CURRENT SYNOPTIC SITUATION:** A well marked low pressure area lies over northwest Bay of Bengal and adjoining West Bengal & Odisha coast with associated cyclonic circulation extending upto 7.6 km above mean sea level tilting Southwestwards with height.

**Heavy Rainfall warning: Day1,2 & 3:** Heavy rainfall is most likely to occur at one or two places in Kerala.

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

| Weather parameters            | 08.08.2018 | 09.08.2018 | 10.08.2018 | 11.08.2018 | 12.08.2018 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)                 | 20         | 19         | 5          | 4          | 8          |
| Maximum temperature (°C )     | 30         | 30         | 30         | 30         | 30         |
| Minimum temperature (°C )     | 22         | 22         | 22         | 22         | 22         |
| Total cloud cover (octa)      | 7          | 7          | 7          | 7          | 7          |
| Maximum Relative Humidity (%) | 90         | 90         | 90         | 90         | 90         |
| Minimum Relative Humidity (%) | 75         | 75         | 75         | 75         | 75         |
| Wind speed (kmph)             | 006        | 006        | 006        | 006        | 006        |
| Wind direction (deg)          | 290        | 290        | 290        | 290        | 290        |

**There is a chance of moderate rain in first two days and light rain in next three days. If pesticide spraying is needed to the crops, it can be carried out during sunny time.**

**AGRO-METEOROLOGICAL ADVISORIES:**

| Crop                | Crop stage  | Pest/ Disease                        | Advisories   |
|---------------------|---|--------------------------------------|--|
| Paddy               | Panicle initiation  | Leaf folder and Stem borer           | Due to continuous cloudy condition, there is a chance of leaf folder attack in paddy. Use 2CC trichogramma cards per acre to control leaf folder and stem borer. Cut the cards in to small pieces and fix in different parts of the field in plastic cups. If the attack is severe, spray chlorantraniliprole 3ml per 10 litre of water.                               |
| Banana              | Bunching 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) | Fruiting stage  | Damping off and Rhizoctonia root rot | Due to continuous rain and water stagnation, there is a chance of Damping off. Rhizoctonia root rot are 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    | 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) |                                      |  |