



## WADAKKANCHERT BLOCK, THRISSUR DISTRICT

**AAS 06/2019(12), Friday**

**08.02.2019**

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

The total rainfall received 0.0 mm. the maximum temperature ranges from 33.1°C to 35.6°C, minimum temperature ranges from 18.3°C to 25.9°C. Morning relative humidity ranges from 54% to 76% and afternoon relative humidity ranges from 34% to 47%. Wind speed ranges from 5.2 to 9.1 km/h. Bright sunshine hours range from 1.4 to 10.3 hours. Evaporation ranges from 4.9 to 6.0 mm.

### CURRENT SYNOPTIC SITUATION:

A trough in easterlies extending upto 0.9 km above mean sea level runs from Maldives area to Telangana across interior Tamilnadu & Rayalaseema.

### WEATHER FORECAST FOR THE NEXT FIVE DAYS:

| Weather parameters            | 09.02.2019 | 10.02.2019 | 11.02.2019 | 12.02.2019 | 13.02.2019 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)                 | 0          | 0          | 0          | 0          | 0          |
| Maximum temperature (°C)      | 36         | 35         | 35         | 35         | 35         |
| Minimum temperature (°C)      | 23         | 23         | 23         | 23         | 23         |
| Total cloud cover (octa)      | 5          | 6          | 6          | 5          | 5          |
| Maximum Relative Humidity (%) | 85         | 85         | 85         | 85         | 85         |
| Minimum Relative Humidity (%) | 40         | 40         | 40         | 40         | 40         |
| Wind speed (kmph)             | 14         | 12         | 10         | 18         | 10         |
| Wind direction (deg)          | 250        | 250        | 90         | 70         | 90         |

**No rainfall is forecasted for coming five days in the block by India Meteorological Department.**

### AGRO-METEOROLOGICAL ADVISORIES:

| Crop                | Crop stage                                                                                                                                                   | Pest/ Disease            | Advisories                                                                                                                                                                                                                                                           |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Paddy               | Milky stage                                                                                                                                                  | Brown plant hopper (BPH) | To control Brown plant hopper in paddy,<br>➤ Drain water from the field<br>➤ spray thiamethoxam @ 2g per ten litre of water or Imidacloprid @ 3ml per ten litre of water.                                                                                            |
| Banana              | -                                                                                                                                                            | Bunchy top disease       | Cut and remove the affected banana plants. Spray 1.5 ml diamethoate (Rogar) per one litre of water to control aphids which transmit this virus disease.                                                                                                              |
| Coconut             | -                                                                                                                                                            | Bud rot                  | There is a chance of bud rot disease in coconut palm. As a prophylactic measure, small-perforated sachets containing 2 g of mancozeb may be tied to the top of leaf axil. As well as cut and remove all the affected tissues of the crown. And apply Bordeaux paste. |
| Vegetables (cowpea) | Fruiting stage                                                                                                                                               | Thrips                   | To control thrips incidence in cowpea, apply 2 ml fipronil 5 SC per one litre of water after the harvest of matured cowpea pods.                                                                                                                                     |
|                     |                                                                                                                                                              | Aphids                   | For controlling cowpea aphids. apply 2% neem oil emulsion or apply 20 g <i>Verticillium lecanii</i> per litre of water in 10 days intervals. If aphid attack is severe, apply 3 ml imidacloprid or 2 g thiamethoxam per 10 litre 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) |                          |                                                                                                                                                                                                                                                                      |

