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**Agromet Advisory Service Bulletin**

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**THRISSUR DISTRICT**

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24.04.2020

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

The total rainfall received 0.0 mm. The maximum temperature ranges from 35.3°C to 39.4°C, minimum temperature ranges from 24.3°C to 26.2°C. Morning relative humidity ranges from 82% to 87% and afternoon relative humidity ranges from 31% to 59%. Wind speed ranges from 2.0 to 3.1 km/h. Bright sunshine hours range from 6.2 to 10.0 hours. Evaporation ranges from 4.2 to 5.7 mm.

**CURRENT SYNOPTIC SITUATION:** A cyclonic circulation lies over north east Vidarbha & neighbourhood extending upto 0.9 km above mean sea level. A trough/wind discontinuity at 0.9 km above mean sea level runs from the above cyclonic circulation to Comorin area across Telangana, Rayalaseema, South Interior Karnataka and Interior Tamil Nadu .

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

| Weather parameters            | 25.04.2020 | 26.04.2020 | 27.04.2020 | 28.04.2020 | 29.04.2020 |
|-------------------------------|------------|------------|------------|------------|------------|
| Rainfall (mm)                 | 5          | 3          | 8          | 3          | 8          |
| Maximum temperature(°C )      | 36         | 36         | 36         | 36         | 36         |
| Minimum temperature (°C )     | 25         | 25         | 25         | 25         | 25         |
| Maximum Relative Humidity (%) | 78         | 78         | 78         | 78         | 78         |
| Minimum Relative Humidity (%) | 67         | 67         | 67         | 67         | 67         |
| Wind speed (kmph)             | 6          | 10         | 8          | 8          | 10         |
| Wind direction (deg)          | 270        | 320        | 270        | 320        | 290        |
| Total cloud cover (octa)      | 8          | 7          | 8          | 7          | 8          |

As per the forecast of IMD & KAU, there is a chance of light rainfall in isolated places of the district. Harvesting is recommended in matured paddy crop. Dried hay, copra, arecanut, etc should be protected from summer rain. Mulching can be practiced to conserve soil moisture.

**AGRO-METEOROLOGICAL ADVISORIES:**

| Crop   | Pest/ Disease       | Advisories  |
|--|---------------------|---|
| <b>General Advisories:</b> As a precaution, use bio-pesticides to control the crop pests and diseases. |                     |   |
| Coconut  | Management          | Since air temperature is increasing, it is a desirable practice to bury fresh or dried coconut husk around the palm to conserve soil moisture. The husk can be buried either in linear trenches taken 3 meter away from the trunk between rows of palms or in circular trenches taken around the palm at a distance of 2 meter from the trunk. The trenches may be of 0.5 meter width and depth. The husks are to be placed in layers with concave surface facing upwards and covered with soil. The beneficial effect of husk burial will last for about 5 to 7 years. Instead of husk, coir pith can be buried @ 25 kg/palm/year. |
| Banana   | Pseudo stem weevil  | There is a chance of pseudo stem weevil attack in banana. As a precaution, apply 50 g neem cake powder in leaf axils.   |
|  | Panama wilt         | There is a chance of panama wilt in banana varieties like poovan, kadali etc. Drench the soil with 1 g of carbendazim in one litre of water.  |
| Amaranthus   | White rust          | There is a chance of white rust attack in Amaranthus. They can be controlled by spraying 20 g pseudomonas in cleared cow dung water after harvesting.   |
| Chilly   | Stunted leaf growth | To control the stunted leaf growth in chilly, spray 2% neem oil garlic emulsion.  |

