

## Agromet Advisory Bulletin for Tirunelveli district

(From 25<sup>th</sup> April to 29<sup>th</sup> April 2018)

(Issued jointly by AAS Unit, Agricultural Research Station, Kovilpatti, Tamil Nadu  
Agricultural University & India Meteorological Department)

### Significant past weather data for the preceding week (20.04.2018 -23.04.2018)

|                          |       |
|--------------------------|-------|
| Rainfall (mm)            | 0.2   |
| Maximum Temperature (°C) | 37    |
| Minimum Temperature (°C) | 26-27 |
| Cloud cover (Octa)       | 2-3   |
| RH at 08:30 hrs (%)      | 64-70 |
| RH at 17:30 hrs (%)      | 40-43 |
| Wind speed (kmph)        | 0-2   |
| Wind direction (deg)     | 0-140 |

### Weather forecast until 08:30 hrs of 29.04.2018

| Parameters            | Ensemble forecast |                   |                   |                   |                   |
|-----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
|                       | Day 1<br>25.04.18 | Day 2<br>26.04.18 | Day 3<br>27.04.18 | Day 4<br>28.04.18 | Day 5<br>29.04.18 |
| Rainfall (mm)         | 0                 | 0                 | 0                 | 0                 | 0                 |
| Max. Temperature (°C) | 38                | 38                | 38                | 38                | 38                |
| Min. Temperature (°C) | 26                | 26                | 26                | 26                | 26                |
| Cloud cover (Octa)    | 3                 | 3                 | 2                 | 2                 | 2                 |
| Relative humidity (%) | 45-65             | 45-65             | 50-70             | 50-70             | 50-70             |
| Wind (kmph) (dd)      | 4/SE              | 4/SE              | 4/SE              | 4/SE              | 4/SE              |

SE- South East

**Agromet advisories in relation to the anticipated weather having light to moderate cloud cover and moderate humidity.**

| Crop/<br>Ecosystem | Stage /<br>Activities | Advisories   |
|--------------------|-----------------------|--|
| Temperature        | Crops                 | <ul style="list-style-type: none"><li>Farmers are advised to go for mulching to preserve the soil moisture for the crop growth.</li></ul>  |
|                    | Animal<br>Husbandry   | <ul style="list-style-type: none"><li>In order to mitigate the effect of high temperature on animals provide adequate cool drinking water and green fodder and spray water on gunny bags surrounding the cattle shed.</li><li>Vaccine for foot and mouth disease to the cattle is advised as prophylactic measure by utilizing the facility from nearby veterinary hospital.</li></ul> |
| General            | Summer<br>Ploughing   | <ul style="list-style-type: none"><li>Summer ploughing is advised to improve the infiltration rate of soil as well as to control the weed growth by utilizing the unexpected rainfall during summer months.</li></ul>  |

|  |                   |  |
|--|-------------------|--|
|  | Green manure crop | <ul style="list-style-type: none"><li>• Raise green manure crop by using unexpected rainfall during summer months.</li></ul> |
|--|-------------------|--|

- SMS: Rain: Nil. Animal husbandry- Provide cool drinking water and green fodder and spray water on gunny bags surrounding the cattle shed.

Professor and Head  
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