



**Pandit Jawaharlal Nehru College of Agriculture and  
Research Institute, Karaikal - 609 603**

**Agromet Advisory Bulletin (AAB) for KARAİKAL District  
Issued jointly by IMD & PAJANCOA & RI**

**Forecast Period: 21<sup>st</sup> to 25<sup>th</sup> May 2022**

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**Date: 20.05.2022**

**Weather Summary for Karaikal district**

| Past week Summary<br>(17.05.2022to 19.05.2022) |       |       | Weather Parameters        | Ensemble weather forecast valid until<br>08.30 hrs of 25.05.2022 |                |                |                |                |
|--|-------|-------|---------------------------|--|----------------|----------------|----------------|----------------|
| 17/05  | 18/05 | 19/05 |                           | Day-1<br>21/05   | Day-2<br>22/05 | Day-3<br>23/05 | Day-4<br>24/05 | Day-5<br>25/05 |
| 0  | 0     | 4.5   | <b>Rainfall (mm)</b>      | 0  | 0              | 0              | 3              | 0              |
| 37   | 36    | 36    | <b>Max. Temp. (° C)</b>   | 35   | 36             | 37             | 37             | 36             |
| 28   | 27    | 27    | <b>Mini. Temp. (° C)</b>  | 26   | 27             | 27             | 26             | 27             |
| 2  | 2     | 1     | <b>Cloud cover (Octa)</b> | 4  | 4              | 6              | 7              | 4              |
| 52-81  | 70-83 | 49-79 | <b>RH Even- Morn. (%)</b> | 65-75  | 65-75          | 65-75          | 65-75          | 65-75          |
| 6  | 8     | 9     | <b>Wind (kmph)</b>        | 10   | 10             | 10             | 10             | 10             |
| SSW  | WSW   | WSW   | <b>Wind direction</b>     | SSE  | SE             | SW             | SSE            | SE             |

**Forecast for next five days: 21.05.2022 to 25.05.2022**

→ Light to moderate rain is likely to occur at one or two places on 21<sup>st</sup> and 22<sup>nd</sup> May, at a few places on 23<sup>rd</sup> May and **light rain at many places on 24<sup>th</sup> May.**

→ **Thunderstorm with lightning is likely to occur at isolated places from 21<sup>st</sup> to 24<sup>th</sup> May.**

During next five days, the sky will be partly cloudy. The temperature range is expected to be around 26°C - 37°C. Relative humidity range is expected to be around 65-75%. The wind speed is expected to be 10 km per hour and the wind will be mostly from south east direction.

**Rainfall (1.69 mm) and maximum temperature (33.58°C) will be below normal.** Whereas, minimum temperature (23.80°C) will be normal from 25<sup>th</sup> to 31<sup>st</sup> May.

**Weather based Agro-Advisories.**

- To prevent early shedding of buds and squares in cotton spray 40 ppm NAA (40 mg of Naphthalene Acetic Acid in one litre of water) at 60 and 90 DAS on the crops.
- Nipping may be done at 15<sup>th</sup> node for variety and 20<sup>th</sup> node for hybrid cotton to induce sympodial branches development.
- To control mealy bug in cotton spray neem oil 2 % or NSKE 5 % or Buprofezin 25 SC @ 2 ml/ litre.

**SMS: Light rain is expected at many places on 24<sup>th</sup> May. Hence, farmers may postpone irrigation.**

**DEAN**

**PAJANCOA & RI**