



**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: 03<sup>rd</sup> to 07<sup>th</sup> May 2025**

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**Weather Summary for Karaikal district**

| Past week Summary<br>(27.04.2025 to 01.05.2025) |       |       |       |       | Weather Parameters  | Ensemble weather forecast valid until<br>08.30 hrs of 07.05.2025 |                |                |                |                |
|---|-------|-------|-------|-------|---------------------|--|----------------|----------------|----------------|----------------|
| 27/04   | 28/04 | 29/04 | 30/04 | 01/05 |                     | Day-1<br>03/05   | Day-2<br>04/05 | Day-3<br>05/05 | Day-4<br>06/05 | Day-5<br>07/05 |
| 0   | 2.0   | 0     | 0     | 0     | Rainfall (mm)       | 1  | 2              | 4              | 4              | 40             |
| 36  | 35    | 35    | 37    | 37    | Max. Temp. (°C)     | 35   | 35             | 35             | 36             | 36             |
| 26  | 27    | 26    | 27    | 27    | Mini. Temp. (°C)    | 27   | 27             | 27             | 28             | 28             |
| 1   | 5     | 4     | 3     | 4     | Cloud cover (Octa)  | 5  | 5              | 5              | 6              | 6              |
| 69-86   | 78-92 | 67-86 | 58-92 | 59-86 | RH Even.- Morn. (%) | 70-75  | 70-75          | 70-75          | 75-78          | 75-78          |
| 4   | 3     | 2     | 3     | 3     | Wind (kmph)         | 22   | 20             | 22             | 22             | 18             |
| NE  | SSW   | SW    | SW    | SW    | Wind direction      | SSW  | S              | S              | S              | S              |

**Forecast for next five days: 03.05.2025 to 07.05.2025**

Light rain is expected from 03<sup>rd</sup> to 06<sup>th</sup> May.

Moderate rain is expected on 07<sup>th</sup> May.

Sky will be cloudy for next five days. The temperature range is expected to be around 27-36°C.

Relative humidity range is expected to be around 70-78 %. The wind speed is expected to be 18-22 km per hour and the wind will be mostly from south direction.

Rainfall (3.6 mm) will be above normal, maximum temperature (34.6°C) and minimum temperature (24.9°C) will be normal from 07<sup>th</sup> to 13<sup>th</sup> May.

**Agro Advisory**

| Crop/livestock | Stage/Particulars  | Agro Advisory   |
|----------------|--|---|
| General        | Thunderstorms and lightening may occur in isolated places.<br>Provide crop residue mulch to protect the soil moisture gained from expected rainfall. |   |
| Cotton         | Vegetative growth  | To control sucking pest in cotton spray <i>Imidacloprid</i> 17.8 SL @ 100 ml/ha (or) Azadirachtin 0.03% (300 ppm) 2500 ml/ha.   |
|                |  | 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.  |
|                | Banana   | Propping/Staking: Support plants (especially fruit-bearing ones) using bamboo poles or ropes tied in a triangle method to prevent lodging.<br>• Improve Drainage: Clean furrows or open drainage channels around the field to avoid waterlogging. |

|         |  |
|---------|--|
|         | <ul style="list-style-type: none"> <li>• Avoid Irrigation and Fertilizer Application just before the rainfall.</li> <li>• Remove dry/damaged leaves to reduce wind resistance and fungal spore load.</li> </ul>  |
| Coconut | <p>Clear drainage channels around coconut plantations to avoid water stagnation near the root zone.</p> <ul style="list-style-type: none"> <li>• Remove dried or weak fronds and partially damaged nuts to reduce risk of wind damage.</li> <li>• Avoid fertilizer application just before expected rainfall to prevent nutrient loss</li> </ul> |
| Cattle  | <p>Shift livestock to well-ventilated, raised shelters during heavy rainfall.</p> <ul style="list-style-type: none"> <li>• Avoid tying animals under trees or in open fields during thunderstorms.</li> </ul>  |

**SMS:** Light to moderate rain is expected for next few days.

**DEAN  
PAJANCOA & RI**