



**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: 27<sup>th</sup> April to 01<sup>st</sup> May 2024**

Phone No. 04368 – 261182 E-mail: [agrnaas2012@gmail.com](mailto:agrnaas2012@gmail.com)

Fax: 04368-261260



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**Weather Summary for Karaikal district**

Past week Summary (21.04.2024 to 25.04.2024)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 01.05.2024				
21/04	22/04	23/04	24/04	25/04		Day-1 27/04	Day-2 28/04	Day-3 29/04	Day-4 30/04	Day-5 01/05
0	0	0	0	0	<b>Rainfall (mm)</b>	0	0	0	0	0
37	37	36	36	36	<b>Max. Temp. (°C)</b>	35	36	36	37	37
28	26	26	26	26	<b>Mini. Temp. (°C)</b>	28	26	27	27	27
3	0	1	1	1	<b>Cloud cover (Octa)</b>	0	5	5	5	5
53-85	60-85	51-89	58-86	59-92	<b>RH Even- Morn. (%)</b>	50-90	50-80	50-80	50-90	40-80
5	5	4	4	3	<b>Wind (kmph)</b>	14	16	18	20	22
NNW	NNE	NNE	NW	WNW	<b>Wind direction</b>	SE	SE	SSE	S	S

**Forecast for next five days: 27.04.2024 to 01.05.2024**

- During next five days the sky will be partly cloudy and dry. The temperature range is expected to be around 26-37°C. Relative humidity range is expected to be around 40-90%. The wind speed is expected to be 14-22 km per hour and the wind will be mostly from south east direction.
- Rainfall (0.62 mm) will be below normal, maximum temperature (36.63°C) and minimum temperature (25.60°C) will be normal from 01<sup>st</sup> to 07<sup>th</sup> May.

**Agro Advisory**

Crop/livestock	Stage/Particulars	Agro Advisory
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.

Livestock	Heat stress	<p>Heat stress is likely to occur in cattle due to prevailing hot weather. Therefore, following steps can be followed to protect livestock from summer heat.</p> <p>Cattle can be protected from heat by spreading straw, dry grass, palm fronds, coconut leaves or coir waste on the surface of cattle sheds and sprinkling water over it.</p> <p>Cattle can be sent for grazing between 06 am to 10 am and 04 pm to 06 pm.</p> <p>Roofs should be erected over the drinking troughs for livestock to provide cold drinking water to the livestock.</p> <p>Cattle should be bathed twice daily.</p> <p>If cattle show signs of heat stress such as excessive drinking of water, rapid breathing, excessive salivation, loss of appetite, shivering and falling down, then the affected animals should be treated at the nearest veterinary hospital.</p>
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PAJANCOA & RI**