



**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: 24th to 28th April 2024

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Weather Summary for Karaikal district

Past week Summary (18.04.2024 to 22.04.2024)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 28.04.2024				
18/04	19/04	20/04	21/04	22/04		Day-1 24/04	Day-2 25/04	Day-3 26/04	Day-4 27/04	Day-5 28/04
0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
37	38	38	37	37	Max. Temp. (°C)	36	36	36	36	37
30	27	28	28	26	Mini. Temp. (°C)	26	27	26	27	27
3	2	1	3	0	Cloud cover (Octa)	6	5	7	2	4
63-89	53-85	59-89	53-85	60-85	RH Even- Morn. (%)	50-80	50-80	50-80	50-80	50-80
5	5	6	5	5	Wind (kmph)	14	14	16	16	18
NNW	NNW	SSW	NNW	NNE	Wind direction	SE	SE	SE	SE	SSE

Forecast for next five days: 24.04.2024 to 28.04.2024

- 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 50-80%. The wind speed is expected to be 14-18 km per hour and the wind will be mostly from south east direction.
- Rainfall (0.90 mm) will be below normal, maximum temperature (36.46°C) and minimum temperature (26.29°C) will be normal from 28th April to 04th 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) <i>Azadirachtin</i> 0.03% (300 ppm) 2500 ml/ha. Nipping may be done at 15 th node for variety and 20 th 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**