



**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: 21st to 25th June 2023

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Weather Summary for Karaikal district

Past week Summary (15.06.2023 to 19.06.2023)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 25.06.2023				
15/06	16/06	17/06	18/06	19/06		Day-1 21/06	Day-2 22/06	Day-3 23/06	Day-4 24/06	Day-5 25/06
0	0	0	2.0	23.5	Rainfall (mm)	8	12	10	16	4
39	40	40	39	33	Max. Temp. (°C)	33	32	32	31	31
28	29	28	26	26	Mini. Temp. (°C)	26	25	25	24	24
2	1	3	7	7	Cloud cover (Octa)	8	8	8	8	8
42-71	37-74	43-76	86-87	65-97	RH Even- Morn. (%)	50-70	40-80	40-70	40-70	40-80
6	5	6	5	3	Wind (kmph)	12	14	12	14	14
WSW	WSW	WSW	WSW	WNW	Wind direction	SW	SSW	SW	SSW	SW

Forecast for next five days: 21.06.2023 to 25.06.2023

- During next five days the sky will be cloudy and light to moderate rain is expected from 21st to 25th June. The temperature range is expected to be around 24-33°C. Relative humidity range is expected to be around 40-80%. The wind speed is expected to be 12-14 km per hour and the wind will be mostly from south west direction.
- Rainfall (3.82 mm) will be above normal, maximum temperature (31.95°C) will be below normal and minimum temperature (23.99°C) will be normal from 25th June to 01st July.

Agro Advisory

Crop/live stock	Stage/Particulars	Agro Advisory
Cotton	Vegetative and flowering stage	Hot dry weather with high day and night temperature and moderate relative humidity prevailed during last few weeks increased the incidence of mealy bug in cotton. Hence, to manage mealy bug in cotton fish oil rosin soap @ 25 g/litre of water or Neem oil 2 % or NSKE 5% or Buprofezin 25 SC @ 2ml/l or Profenophos 50 EC @ 2 ml /litre may be used.
		In few pockets of Karaikal region wilt in cotton is noticed due to rainfall after prolonged dry spell, moderate relative humidity with excess nitrogen application in cotton. Hence, to control the wilt, wet the root zone of the affected plants as well as the surrounding healthy plants in circle with either Carbendazim @ 1 g/lit or Trifloxystrobin+Tebuconazole @ 0.75 g/litre.
Livestock	-	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. Cattle can be protected from heat by spreading straw, dry grass,

		<p>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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SMS: Provide drainage to crops as light to moderate rain is expected for next five days.

**DEAN
PAJANCOA & RI**