



**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: 23rd to 27th August 2023

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Weather Summary for Karaikal district

| Past week Summary (17.08.2023 to 21.08.2023) | | | | | Weather Parameters | Ensemble weather forecast valid until 08.30 hrs of 27.08.2023 | | | | |
|---|-------|-------|-------|-------|---------------------------|--|----------------|----------------|----------------|----------------|
| 17/08 | 18/08 | 19/08 | 20/08 | 21/08 | | Day-1 23/08 | Day-2 24/08 | Day-3 25/08 | Day-4 26/08 | Day-5 27/08 |
| 0 | 0 | 0 | 0 | 1.0 | Rainfall (mm) | 6 | 4 | 3 | 0 | 4 |
| 37 | 37 | 38 | 38 | 39 | Max. Temp. (°C) | 34 | 34 | 33 | 34 | 33 |
| 26 | 27 | 26 | 27 | 27 | Mini. Temp. (°C) | 27 | 27 | 26 | 27 | 27 |
| 2 | 3 | 3 | 1 | 4 | Cloud cover (Octa) | 8 | 7 | 7 | 5 | 6 |
| 49-77 | 53-85 | 51-80 | 54-83 | 54-85 | RH Even- Morn. (%) | 50-80 | 50-80 | 50-80 | 50-80 | 60-80 |
| 7 | 8 | 8 | 7 | 5 | Wind (kmph) | 18 | 18 | 20 | 20 | 20 |
| WSW | WSW | WSW | SW | SSW | Wind direction | SSW | SSW | SSW | SSW | SSW |

Forecast for next five days: 23.08.2023 to 27.08.2023

- During the next five days, light rain will be expected except on 26th August. The temperature range is expected to be around 26-34°C. Relative humidity range is expected to be around 50-80%. The wind speed is expected to be 18-20 km per hour and the wind will be mostly from south south west direction.
- Rainfall (3.70 mm), maximum temperature (33.13°C) and minimum temperature (23.84°C) will be normal from 27th August to 02nd September.

Agro Advisory

| Crop/live stock | Stage/Particulars | Agro Advisory |
|-----------------|-------------------------|--|
| Rice | Green algae | To avoid the growth of green algae in paddy fields, Copper Sulphate @ one Kg in muslin cloth may be placed in the outlet of bore water irrigated to the field. |
| | Maximum tillering Stage | <ul style="list-style-type: none"> → To manage rice leaf folder release <i>Trichogramma chilonis</i> 5cc (1,00,000/ha) at 37, 44, 51 days after planting. → Avoid excess application of nitrogen fertilizers. → Setup light trap to attract adult moths. → Setup T- shaped bird perches for predatory birds to control these pests. Apply cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l. |
| Cotton | Maturity stage | The incidence of mealy bug is noticed in cotton. To manage mealy bug, 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. |
| | | 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. |

SMS: Postpone irrigation as light rain is expected for the next few days.

**DEAN
PAJANCOA & RI**