



**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: 01st to 05th February 2025

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Bulletin No. 009 (01)/PJN/GKMS/2025

Date: 31.01.2025

Weather Summary for Karaikal district

Past week Summary (26.01.2025 to 30.01.2025)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 05.02.2025				
26/01	27/01	28/01	29/01	30/01		Day-1 01/02	Day-2 02/02	Day-3 03/02	Day-4 04/02	Day-5 05/02
0	0	0	0	0	Rainfall (mm)	12	10	8	10	10
33	33	33	30	30	Max. Temp. (°C)	29	29	29	29	29
21	21	21	21	22	Mini. Temp. (°C)	24	24	24	26	26
4	4	4	4	4	Cloud cover (Octa)	6	6	6	5	5
62-91	78-91	77-98	85-94	81-91	RH Even.- Morn. (%)	71-79	71-79	71-79	76-83	76-83
3	3	3	2	4	Wind (kmph)	10	10	12	12	12
NNE	NNE	NW	NNE	NNE	Wind direction	E	ENE	NE	E	E


Forecast for next five days: 01.02.2025 to 05.02.2025

Light rain is expected from 01st to 05th February.

During next five days the sky will be cloudy. The temperature range is expected to be around 24-29°C. Relative humidity range is expected to be around 71-83 %. The wind speed is expected to be 10-12 km per hour and the wind will be mostly from east direction.

Rainfall (0.8 mm) will be below normal, maximum temperature (31°C) and minimum temperature (21°C) will be normal from 05th to 11th February.

Agro Advisory

Crop/live stock	Stage/Particulars	Agro Advisory
Green gram	Sowing	Rice fallow green gram variety, ADT 3 @ 25 kg/ha shall be used for sowing till second week of February. Broadcast the seeds 7 days prior to harvest of paddy crop.
RICE	 Leaf folder	To manage leaf folder in rice, apply <i>azadirachtin</i> 0.03 % (300 ppm) @ 2000 ml/ha or <i>cartaphydrochloride</i> 50 SP @ 1000 g/ha.



BPH

To control brown plant hopper in rice, apply *pymetrozine* 50 WG @ 300 g or *Thiamethoxam* 25 WG 100 g /ha.



Blast




Brown spot



False smut

The weather conditions *viz.*, temperature and humidity prevailed in the last few weeks may be favorable for the outbreak of **blast, brown spot, false smut and grain discoloration in paddy**. Hence, as a prophylactic measure to manage diseases in rice; foliar application of *Pseudomonas fluorescence* or *Bacillus subtilis* @ 0.5% (5 g /ml per litre) may be done commencing from 45 DAT with 10 days interval for 3 times.

The crop in **booting stage** may be given with any one of the following fungicide *viz.*, Picoxystrobin 7.05 % + Propiconazole 11.7% SC @ 2ml/l or Tricyclazole 20.4 % + Azoxystrobin 6.8 SC % @ 2ml/ l (or) Carbendazim 12 % + Mancozeb 63 % WP @ 2g/ l or Azoxystrobin 18.2 % + Difenoconazole 11.4 % SC @ 1ml/ l and again at **50% flowering stage**.

	 <p>Grain discolouraton</p>	
Goat	Sheep and goat pox	There is a chance of occurrence of sheep and goat pox in summer season. Hence, to prevent the pox, sheep and goat should be vaccinated before summer.

SMS: Rice fallow green gram can be sown till second week of February.

**DEAN
PAJANCOA & RI**