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**Agromet Advisory Bulletin (AAB) for KARAİKAL District
Issued jointly by IMD & PAJANCOA & RI**

Forecast Period: 29th January to 02 February 2025

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Weather Summary for Karaikal district

Past week Summary (23.01.2025 to 27.01.2025)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 02.02.2025				
23/01	24/01	25/01	26/01	27/01		Day-1 29/01	Day-2 30/01	Day-3 31/01	Day-4 01/02	Day-5 02/02
0	0	0	0	0	Rainfall (mm)	0	20	30	24	22
30	31	33	33	33	Max. Temp. (°C)	29	29	29	29	29
22	22	22	21	21	Mini. Temp. (°C)	22	22	22	23	23
4	3	4	4	4	Cloud cover (Octa)	4	4	4	3	3
78-93	70-96	70-93	62-91	78-91	RH Even.- Morn. (%)	76-85	76-85	76-85	80-83	80-83
3	3	3	3	3	Wind (kmph)	10	12	10	8	10
NW	NW	NNE	NNE	NNE	Wind direction	ENE	E	ESE	ESE	ESE


Forecast for next five days: 29.01.2025 to 02.02.2025

Moderate rain is expected from 30th January to 02nd February.

During next five days the sky will be cloudy. The temperature range is expected to be around 22-29°C. Relative humidity range is expected to be around 76-85 %. The wind speed is expected to be 08-12 km per hour and the wind will be mostly from east direction. Mist/Haze is likely to prevail generally during morning hours at isolated pockets on 29th and 30th January.

Rainfall (0.5 mm), maximum temperature (31°C) and minimum temperature (20°C) will be normal from 02nd to 08th February.

Agro Advisory

Crop/live stock	Stage/Particulars	Agro Advisory
Black gram	Sowing	For rice fallow pulses, black gram may be used for sowing till 31 st January. Broadcast the seeds 7days 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 % + Difenoconzole 11.4 % SC @ 1ml/ l** and again at **50% flowering stage**.



Grain discolouraton

SMS: Rice fallow black gram can be sown till 31st January.

**DEAN
PAJANCOA & RI**