



**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: 31st January to 04th February 2024

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Weather Summary for Karaikal district

Past week Summary (25.01.2024 to 29.01.2024)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 04.02.2024				
25/01	26/01	27/01	28/01	29/01		Day-1 31/01	Day-2 01/02	Day-3 02/02	Day-4 03/02	Day-5 04/02
0	0	0	0	0	Rainfall (mm)	1	1	1	1	0
32	31	32	33	33	Max. Temp. (°C)	30	31	31	32	32
21	21	22	22	22	Mini. Temp. (°C)	22	23	23	23	23
4	3	2	2	4	Cloud cover (Octa)	3	6	5	3	4
58-91	63-94	64-96	63-91	61-98	RH Even- Morn. (%)	70-90	60-90	60-90	60-90	60-90
2	2	3	4	4	Wind (kmph)	16	10	12	12	14
NNW	NNE	WNW	NNW	NNE	Wind direction	ENE	ESE	ESE	E	ENE

Forecast for next five days: 31.01.2024 to 04.02.2024

- During next five days the sky will be partly cloudy and light drizzle is expected from 31st January to 04th February. The temperature range is expected to be around 22-32°C. Relative humidity range is expected to be around 60-90%. The wind speed is expected to be 10-16 km per hour and the wind will be mostly from east south east direction.
- Rainfall (0.01 mm) will be below normal, maximum temperature (31.51°C) and minimum temperature (19.02°C) will be normal from 04th to 10th February.

Agro Advisory

Crop	Stage	Advisory
Black gram	Sowing	For rice fallow pulses, black gram may be used for sowing till 31 st January. Broadcast the seeds 7 days prior to harvest of paddy crop.
Paddy	Flowering stage	The weather conditions viz., temperature and humidity prevailed in the last few weeks may be favourable 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 <i>Pseudomonas fluorescence</i> or <i>Bacillus subtilis</i> @ 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.
Cattle	Babesiosis	<p>There may be an occurrence of babesiosis in cattle in January.</p> <p>Jaundice like symptom, yellowish mucosal membrane of eye, rectum and coffee coloured urine are the symptoms of this disease.</p> <p>If cattle are left unattended, after a few days, suffocation will occur and the cow may die.</p> <p>To control the disease, consult a veterinarian immediately. Keep the cattle shed always clean to avoid this disease.</p> <p>In cattle, as a preventive measure for Babesiasis disease, apply Butox @ 2 ml/l of water on cattle and also spray it on the nearby areas of the cattle shed to control ectoparasites.</p>

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

**DEAN
PAJANCOA & RI**