



**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: 20<sup>th</sup> to 24<sup>th</sup> January, 2024**

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**Date: 19.01.2024**

**Weather Summary for Karaikal district**

Past week Summary (14.01.2024 to 18.01.2024)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 24.01.2024				
14/01	15/01	16/01	17/01	18/01		Day-1 20/01	Day-2 21/01	Day-3 22/01	Day-4 23/01	Day-5 24/01
0	0	0	0	0	<b>Rainfall (mm)</b>	2	2	0	0	1
32	32	31	31	31	<b>Max. Temp. (°C)</b>	30	29	30	30	30
23	22	21	19	22	<b>Mini. Temp. (°C)</b>	24	23	24	23	23
2	4	4	3	3	<b>Cloud cover (Octa)</b>	3	3	5	4	4
67-95	64-95	61-94	64-92	69-91	<b>RH Even- Morn. (%)</b>	70-90	70-80	60-80	60-80	60-70
2	2	2	2	2	<b>Wind (kmph)</b>	14	16	14	14	12
NNW	WNW	NNE	NNE	NW	<b>Wind direction</b>	NE	NE	ENE	ENE	ENE

**Forecast for next five days: 20.01.2024 to 24.01.2024**

- ☀ Light drizzle is likely to occur on 20<sup>th</sup>, 21<sup>st</sup> and 24<sup>th</sup> January.
- ☀ During next five days the sky will be partly cloudy. The temperature range is expected to be around 23-30°C. Relative humidity range is expected to be around 60-80%. The wind speed is expected to be 12-16 km per hour and the wind will be mostly from east north east direction.
- ☀ Rainfall (0.0 mm), maximum temperature (28.71°C) will be below normal and minimum temperature (16.92°C) will be normal from 24<sup>th</sup> to 30<sup>th</sup> January.

**Agro Advisory**

Crop	Stage	Advisory
Paddy	Tillering to flowering stage	The weather conditions viz., temperature and humidity prevailed in the last few weeks may be favourable for the outbreak of <b>blast, brown spot, false smut and grain discoloration in paddy</b> . 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 <b>booting stage</b> may be given with any one of the following fungicide viz., <b>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.</b>

Cattle	Babesiosis	<p>There may be an occurrence of babesiosis <b>in cattle in January.</b></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>
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**SMS:** Light drizzle is expected for next few days.

**DEAN  
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