



**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: 17th to 21st January, 2024

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Weather Summary for Karaikal district

Past week Summary (11.01.2024 to 15.01.2024)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 21.01.2024				
11/01	12/01	13/01	14/01	15/01		Day-1 17/01	Day-2 18/01	Day-3 19/01	Day-4 20/01	Day-5 21/01
0	0	0	0	0	Rainfall (mm)	0	0	0	0	0
30	30	31	32	32	Max. Temp. (°C)	29	30	30	30	30
23	23	23	23	22	Mini. Temp. (°C)	23	22	23	22	22
4	3	2	2	4	Cloud cover (Octa)	2	0	0	0	0
71-91	76-91	74-96	67-95	64-95	RH Even- Morn. (%)	60-80	70-80	70-90	60-80	60-80
4	3	3	2	2	Wind (kmph)	10	12	14	14	14
NNE	NNE	NNW	NNW	WNW	Wind direction	ENE	NE	NE	NE	NE

Forecast for next five days: 17.01.2024 to 21.01.2024

- During next five days the sky will be dry. The temperature range is expected to be around 22-30°C. Relative humidity range is expected to be around 60-90%. The wind speed is expected to be 10-14 km per hour and the wind will be mostly from north east direction.
- Rainfall (0.17 mm) will be below normal, maximum temperature (29.70°C) and minimum temperature (19.88°C) will be normal from 21st to 27th 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 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 % + Difenconazole 11.4 % SC @ 1ml/ l and again at 50% flowering stage.
Cattle		There may be an occurrence of babesiosis in cattle in January . Jaundice like symptom, yellowish mucosal membrane of eye, rectum and coffee coloured urine are the symptoms of

	Babesiosis	<p>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 Babesiosis 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: Dry weather is expected for next five days.

**DEAN
PAJANCOA & RI**