



**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: 04th to 08th January 2023

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Weather Summary for Karaikal district

Past week Summary (29.12.2022 to 02.01.2023)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 08.01.2023				
29/12	30/12	31/12	01/01	02/01		Day-1 04/01	Day-2 05/01	Day-3 06/01	Day-4 07/01	Day-5 08/01
0	0	0	0	0	Rainfall (mm)	1	2	2	3	3
31	31	31	31	30	Max. Temp. (° C)	30	30	29	29	29
23	21	22	21	21	Mini. Temp. (° C)	23	22	22	21	21
4	3	3	3	2	Cloud cover (Octa)	3	4	2	5	8
71-95	72-96	71-93	72-91	64-91	RH Even- Morn. (%)	60-90	60-90	60-80	60-80	60-80
2	2	2	2	2	Wind (kmph)	12	12	12	14	14
NNE	NNE	NNE	NNE	NNW	Wind direction	ENE	ENE	E	ENE	ENE



Forecast for next five days: 04.01.2023 to 08.01.2023

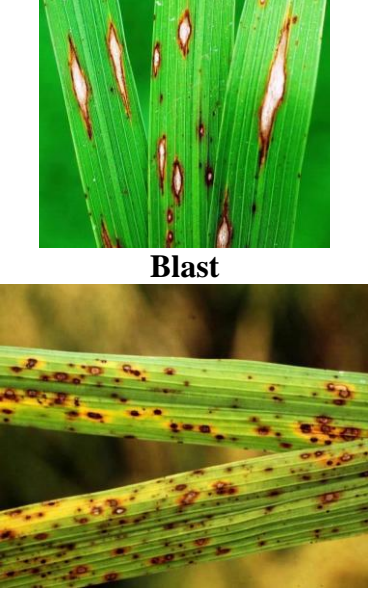

➔ Light rain is likely to occur from 04th to 08th January.

☀ During next five days, the sky will be partly cloudy. The temperature range is expected to be around 21-30°C. Relative humidity range is expected to be around 60-90%. The wind speed is expected to be 12-14 km per hour and the wind will be mostly from east north east direction.

☀ No significant rainfall activity with maximum temperature above normal and minimum temperature below normal from 06th to 12th January, 2023.

Agro Advisory

Crop/live stock	Stage/Particulars	Agro Advisory
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 <i>pymetrozine</i> 50 WG @ 300 g or <i>Thiamethoxam</i> 25 WG 100 g /ha.

	 <p style="text-align: center;">Blast</p> <p style="text-align: center;">Brown spot</p>	<p>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 <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.</p> <p>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.</p>
<p style="text-align: center;">Coco nut</p>	 <p style="text-align: center;">Spiraling whitefly</p>	<p>To control spiraling whitefly in coconut, spray water forcibly and set up yellow sticky trap @ 8 numbers /ac. In severe cases, spray neem oil 0.5 %+ tween 80 (0.005%).</p>
<p style="text-align: center;">Cattle</p>	<p style="text-align: center;">Babesiosis</p>	<p>There may be an occurrence of babesiosis in cattle in January.</p> <ul style="list-style-type: none"> → Jaundice like symptom, yellowish mucosal membrane of eye, rectum and coffee coloured urine are the symptoms of this disease. → If cattle are left unattended, after a few days, suffocation will occur and the cow may die. → To control the disease, consult a veterinarian immediately. Keep the cattle shed always clean to avoid this disease. ➤ 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

SMS: Light rain is expected in next few days. Hence, spraying of pesticide may be done.

**DEAN
PAJANCOA & RI**