



**Pandit Jawaharlal Nehru College of Agriculture and
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**Agromet Advisory Bulletin (AAB) for
PUDUCHERRY District**

Forecast Period: 01st to 05th February 2025

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Bulletin No. 009 (01)/PJN/GKMS/2025

Date: 31.01.2025

Weather Summary for Puducherry district

Past week Summary (26.01.2025 to 30.01.2025)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 05.02.2025				
26/01	27/01	28/01	29/01	30/01		Day-1 01/02	Day-2 02/02	Day-3 03/02	Day-4 04/02	Day-5 05/02
0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	12	2	0	0	5
30	30	31	30	29	Max. Temp. (°C)	29	29	29	30	30
21	21	21	21	22	Mini. Temp. (°C)	22	22	22	24	24
5	3	7	4	7	Cloud cover (Octa)	7	7	7	6	6
78-84	74-90	70-91	63-86	64-76	RH Even.- Morn. (%)	60-76	60-76	60-76	66-86	66-86
5	4	5	5	6	Wind (kmph)	10	10	12	12	12
NE	NE	ENE	NE	NE	Wind direction	E	E	ENE	E	ESE

Forecast for next five days: 01.02.2025 to 05.02.2025

Light rain is expected on 01st, 02nd and 05th February




During next five days the sky will be cloudy. The temperature range is expected to be around 22-30°C.

Relative humidity range is expected to be around 60-86 %. The wind speed is expected to be 10-12 km per hour and the wind will be mostly from east direction.

Rainfall (0.8 mm) will be below normal, maximum temperature (31°C) and minimum temperature (21°C) will be normal from 05th to 11th February.

Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Black gram/ Green gram	Flowering stage	Two percent of DAP spray (Dissolve 4.5 kg of DAP in 10 litres of water previous night and at morning the supernatant liquid shall be mixed with 190 litres of water) may be done at the time of flowering and another dose at fifteen days after first spray. To manage yellow mosaic virus disease in black gram and green gram, spray Methyldematon 25%EC 1ml/l or Dimethoate 30% EC 2ml /l to manage vectors like whitefly

		and aphids.
Groundnut	Pegging	In groundnut crop apply gypsum 200 kg + borax 10 kg and earthing up on 45 DAS for improving flowering and pod formation.
Jasmine	Flowering stage	Due to prevailing weather condition, there may be chance of budworm infestation in jasmine. To control budworm, Setup 4 helilure sex pheromone trap per acre, spray <i>Bacillus thuringiensis</i> 2g/ lit.
RICE	 <p>Blast</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>Brown spot</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>False smut</p>	



Grain discolouraton

SMS: Spray chemicals at the time of no rain.

**DEAN
PAJANCOA & RI**