



**Pandit Jawaharlal Nehru College of Agriculture and
Research Institute, Karaikal - 609 603**
**Agromet Advisory Bulletin (AAB) for
PUDUCHERRY District**



Forecast Period: 10th to 14th August 2024

Phone No. 04368 – 261182 E-mail: agrnaas2012@gmail.com

Fax: 04368-261260

Bulletin No. 064 (08)/PJN/GKMS/2024

Date: 09.08.2024

Weather Summary for Puducherry district

Past week Summary (04.08.2024 to 08.08.2024)					Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 14.08.2024				
04/08	05/08	06/08	07/08	08/08		Day-1 10/08	Day-2 11/08	Day-3 12/08	Day-4 13/08	Day-5 14/08
0.0	13.5	0.0	3.9	9.0	Rainfall (mm)	6	7	6	6	7
36	38	33	35	34	Max. Temp. (°C)	34	33	33	32	31
27	23	26	23	24	Mini. Temp. (°C)	24	24	23	23	22
4	7	7	7	6	Cloud cover (Octa)	6	8	8	8	8
64-85	76-98	70-74	72-90	84-92	RH Even- Morn. (%)	50-70	50-70	50-80	40-70	50-80
4	2	7	4	4	Wind (kmph)	14	14	14	16	18
WNW	SW	S	SSE	SSE	Wind direction	S	S	S	SSW	S

Forecast for next five days: 10.08.2024 to 14.08.2024

Light rain is expected from 10th to 14th August.

During next five days the sky will be cloudy. The temperature range is expected to be around 22-34°C. Relative humidity range is expected to be around 40-80%. The wind speed is expected to be 14-18 km per hour and the wind will be mostly from south direction.

Rainfall (6.1 mm) will be above normal, maximum temperature (32.6°C) and minimum temperature (24.1°C) will be normal from 14th to 20th August.

Agro Advisory

Crop	Stage/ Particulars	Agro Advisory
Rice	Tillering stage	To manage rice stem borer, release parasitoid <i>Trichogramma japonicum</i> @1,00,000/ha at active tillering stage (37, 44 and 51 DAP) or Azadirachtin 0.03% @ 4 ml/l or cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.

		To manage rice leaf folder release <i>Trichogramma chilonis</i> 5cc (1,00,000/ha) at 37, 44, 51 day after planting. Avoid excess application of nitrogen fertilizers. Setup light trap to attract adult moths. Setup T- shaped bird perches for predatory birds to control these pests. Apply cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.
Groundnut	-	In groundnut, to manage tikka leaf spot disease, spray Mancozeb @ 2 g/ litre.
Cassava	Vegetative stage	To manage cassava mosaic disease CMD in tapioca, spray 3% neem oil or methyl dematon 2ml/lit or Dimethoate 1ml/lit or Acetamiprid 0.3g/l.
Sugarcane	Vegetative stage	In Sugarcane, to manage mealy bug, spray Methyl Parathion 50 EC @ 2ml/l.
Brinjal	Flowering to Bearing stage	To manage tobacco cutworm in brinjal, spray <i>Bacillus thuringiensis</i> 2g/l or Novaluron 10% EC 1 ml/l or flubendamide 0.2 – 0.3 ml/l
Cattle	Babesiasis	The prevailing weather conditions are favorable for the Babesiasis disease in cattle. High fever, dark coloured urine, less intake of feed and less milk yield are the symptoms of Babesiasis disease. If these symptoms appear in the cattle, contact nearby dispensary. As a preventive measure, 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 for next five days. Hence, postpone irrigation to crops.

**DEAN
PAJANCOA & RI**