



**Pandit Jawaharlal Nehru College of Agriculture and
Research Institute, Karaikal - 609 603**
Agromet Advisory Bulletin (AAB) for PUDUCHERRY District
Issued jointly by IMD & PAJANCOA & RI

Forecast Period: 25th to 29th May 2022
Phone No. 04368 – 261182 E-mail: agronaas2012@gmail.com
Fax: 04368-261260



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Weather Summary for Puducherry district


Past week Summary (20.05.2022 to 23.05.2022)				Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 29.05.2022				
20/05	21/05	22/05	23/05		Day-1 25/05	Day-2 26/05	Day-3 27/05	Day-4 28/05	Day-5 29/05
0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	6	0	0
35	36	35	37	Max. Temp. (°C)	38	38	38	38	38
25	26	27	27	Mini. Temp. (°C)	27	27	27	27	27
6	6	6	4	Cloud cover (Octa)	5	5	5	6	6
70-81	51-75	48-74	70-67	RH Even- Morn. (%)	45-80	45-80	45-80	45-80	45-80
5	6	2	4	Wind (kmph)	8	8	8	8	8
SE	W	N	SSE	Wind direction	S	S	SSW	SSW	SSW

Forecast for next five days: 25.05.2022 to 29.05.2022

→ Light to moderate rain is likely to occur at one or two places on 25th, 26th May and **light rain at many places on 27th May.**

→ **Thunderstorm with lightning is likely to occur at isolated places from 25th to 27th May.**

 During next five days, the sky will be partly cloudy. The temperature range is expected to be around 27°C - 38°C. Relative humidity range is expected to be around 45-80%. The wind speed is expected to be 8 km per hour and the wind will be mostly from south south west direction.

 **Rainfall (1.71 mm)** and minimum temperature (23.82°C) **will be normal.** Whereas, maximum temperature (33.37°C) will be below normal from 29th May to 04th June.

Weather based Agro-Advisories.

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.

		<p>To manage rice leaf folder release <i>Trichogramma chilonis</i> 5cc (1,00,000/ha) at 37, 44, 51 day after planting.</p> <p>Avoid excess application of nitrogen fertilizers.</p> <p>Setup light trap to attract adult moths.</p> <p>Setup T- shaped bird perches for predatory birds to control these pests.</p> <p>Apply cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.</p>
Coconut	Fruiting stage	<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>
Gourds	Flowering stage	<p>Spray ethrel @ 100 ppm in snake gourd and bitter gourd and @ 250 ppm in ribbed gourd, four times commencing from 15th day after sowing at weekly intervals to increase female flowers.</p>

SMS: Light rain is expected at many places on 27th May. Hence, farmers may postpone irrigation.

**DEAN
PAJANCOA & RI**