



**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: 18th to 22nd May 2022
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Date: 17.05.2022

Weather Summary for Puducherry district

Past week Summary (13.05.2022 to 16.05.2022)				Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 22.05.2022				
13/05	14/05	15/05	16/05		Day-1 18/05	Day-2 19/05	Day-3 20/05	Day-4 21/05	Day-5 22/05
72.0	0.0	0.3	41.0	Rainfall (mm)	5	3	0	0	3
34	33	36	38	Max. Temp. (°C)	34	33	34	35	34
23	26	26	23	Mini. Temp. (°C)	25	25	26	26	25
7	4	4	7	Cloud cover (Octa)	4	4	3	3	4
63-91	74-75	81	69-95	RH Even- Morn. (%)	65-75	65-75	65-75	65-75	65-75
5	4	3	2	Wind (kmph)	12	12	12	12	12
SW	SSE	SE	W	Wind direction	S	SSW	SW	WSW	WSW

Forecast for next five days: 18.05.2022 to 22.05.2022

- Light to moderate rain is likely to occur at many places on 18th and 19th May and one or two places on 21st and 22nd May.
- Thunderstorm with lightning is likely to occur at many places from 18th to 22nd May.



During next five days, the sky will be partly cloudy. The temperature range is expected to be around 25°C - 35°C. Relative humidity range is expected to be around 65-75%. The wind speed is expected to be 12 km per hour and the wind will be mostly from south west direction.



Rainfall (2.88 mm) will be above normal, maximum temperature (32.54°C) will be moderately below normal and minimum temperature (23.73°C) will be normal from 22nd to 28th May.

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. 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.</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 (1 ml/10 litres of water) in snake gourd and bitter gourd and @ 250 ppm (2.5 ml/10 litres of water) in ribbed gourd, four times commencing from 15th day after sowing at weekly intervals to increase female flowers.</p>

SMS: Light to moderate rain is expected for next few days. Hence, farmers may postpone irrigation.

**DEAN
PAJANCOA & RI**