

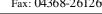
# Pandit Jawaharlal Nehru College of Agriculture and Research Institute, Karaikal - 609 603

## Agromet Advisory Bulletin (AAB) for PUDUCHERRY District

Issued jointly by IMD & PAJANCOA & RI Forecast Period: 01st to 05th June 2022

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### Weather Summary for Puducherry district

	Past week 7.05.2022 to	•	(2)	Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 05.06.2022				
27/05	28/05	29/05	30/05		Day-1 01/06	Day-2 02/06	Day-3 03/06	Day-4 04/06	Day-5 05/06
45.2	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
38	37	37	37	Max. Temp. (°C)	38	38	39	39	39
22	26	27	26	Mini. Temp. (°C)	27	28	28	28	28
5	5	5	3	Cloud cover (Octa)	3	3	4	5	3
78-82	76-78	74	72	RH Even- Morn. (%)	65-75	65-75	65-75	70-80	65-75
4	4	4	4	Wind (kmph)	12	12	12	12	12
SSE	SE	SSE	S	Wind direction	SSE	SSW	SSW	S	S

Forecast for next five days: 01.06.2022 to 05.06.2022

- $\rightarrow$  Thunderstorm with lightning is likely to occur at isolated places on  $01^{st}$  and  $02^{nd}$  June.
  - W During next five days, the sky will be partly cloudy. The temperature range is expected to be around 27°C - 39°C. Relative humidity range is expected to be around 65-80%. The wind speed is expected to be 12 km per hour and the wind will be mostly from south direction.
  - Rainfall (2.00 mm), maximum temperature (34.12°C) and minimum temperature (24.23°C) will be normal from 05<sup>th</sup> to 11<sup>th</sup> 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.  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.		

Coconut	Fruiting stage	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%).		
Gourds	Flowering stage	Spray ethrel @ 100 ppm in snake gourd and bitter gourd and @ 250 ppm in ribbed gourd, four times commencing from 15 <sup>th</sup> day after sowing at weekly intervals to increase female flowers.		

SMS: Dry weather is expected for next few days. Hence, farmers may irrigate their crops.

DEAN PAJANCOA & RI