

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

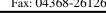
Agromet Advisory Bulletin (AAB) for KARAIKAL District Issued jointly by IMD & PAJANCOA & RI

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Phone No. 04368 – 261182 E-mail: agronaas 2012@gmail.com

Fax: 04368-261260



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## Weather Summary for Karaikal district

Past week Summary (06.05.2022to 09.05.2022)				Weather Parameters	Ensemble weather forecast valid until 08.30 hrs of 15.05.2022				
06/05	07/05	08/05	09/05		Day-1 11/05	Day-2 12/05	Day-3 13/05	Day-4 14/05	Day-5 15/05
0	13.5	0	0	Rainfall (mm)	0	0	0	0	0
37	37	37	36	Max. Temp. (°C)	35	36	36	37	37
26	23	26	27	Mini. Temp. (°C)	25	25	27	27	27
2	6	3	4	Cloud cover (Octa)	4	3	3	2	2
60-81	64-87	60-80	48-84	RH Even- Morn. (%)	60-70	60-70	60-70	60-70	60-70
4	5	3	3	Wind (kmph)	10	10	10	10	10
WSW	WSW	WSW	WSW	Wind direction	WSW	WSW	SSW	SSE	SSE

Forecast for next five days: 11.05.2022 to 15.05.2022

- Thunderstorm with light to moderate rain is likely to occur at many places on 11<sup>th</sup> May and at a few places on 12th May.
- Light to moderate rain is likely to occur at isolated places on 13<sup>th</sup> May

During next five days, the sky will be partly cloudy. The temperature range is expected to be around 25°C - 37°C. Relative humidity range is expected to be around 60-70%. The wind speed is expected to be 10 km per hour and the wind will be mostly from south west direction.

Rainfall (1.80 mm), maximum temperature (34.64°C) and minimum temperature (24.94°C) will be normal from 15<sup>th</sup> to 21<sup>st</sup> May.

## Weather based Agro-Advisories.

Crop/ livestock	Stage/Particulars	Agro Advisory		
Cotton		To control sucking pest in cotton spray <i>Imidacloprid</i> 17.8 SL @ 100 ml/ha (or) Azadirachtin 0.03% (300 ppm) 2500 ml/ha.		
	Vegetative stage	To control mealy bug in cotton spray neem oil 2 % or NSKE 5 % or Buprofezin 25 SC @ 2 ml/ litre.		
		To manage weeds in cotton, hand weeding on 45 DAS or apply post emergence herbicide pyrithiobac sodium @ 62.5g a.i./ha + quizalofop ethyl @ 50 g a.i./ha at 45 DAS.		
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 (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 15 <sup>th</sup> days after sowing at weekly intervals to increase female flowers.
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SMS: Light to moderate rain is expected for next few days. Hence, farmers may postpone irrigation.

DEAN PAJANCOA & RI