



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

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

**Forecast Period: 18<sup>th</sup> to 22<sup>nd</sup> May 2022**

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**Bulletin No.039 (05)/PJN/GKMS/2022**

**Date: 17.05.2022**

**Weather Summary for Karaikal 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
0.5	0.0	0	1.0	<b>Rainfall (mm)</b>	4	0	0	2	7
36	37	38	38	<b>Max. Temp. (°C)</b>	33	34	35	35	34
27	26	26	25	<b>Mini. Temp. (°C)</b>	26	27	27	26	26
6	4	4	4	<b>Cloud cover (Octa)</b>	4	4	3	3	4
52-81	47-72	45-75	48-84	<b>RH Even- Morn. (%)</b>	65-75	65-75	65-75	65-75	65-75
8	5	7	6	<b>Wind (kmph)</b>	12	12	12	12	12
WSW	WSW	WSW	WSW	<b>Wind direction</b>	S	S	SW	SW	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 18<sup>th</sup> and 19<sup>th</sup> May, at a few places on 20<sup>th</sup> May and one or two places on 21<sup>st</sup> and 22<sup>nd</sup> May.

→ Thunderstorm with lightning is likely to occur at many places from 18<sup>th</sup> to 22<sup>nd</sup> May.



During next five days, the sky will be partly cloudy. The temperature range is expected to be around 26°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 22<sup>nd</sup> to 28<sup>th</sup> May.

**Weather based Agro-Advisories.**

Crop/ livestock	Stage/Particulars	Agro Advisory
<b>Cotton</b>	Vegetative stage	To control sucking pest in cotton spray <i>Imidacloprid</i> 17.8 SL @ 100 ml/ha (or) <i>Azadirachtin</i> 0.03% (300 ppm) 2500 ml/ha.
		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 pyriithiobac sodium @ 62.5g a.i./ha + quizalofop ethyl @ 50 g a.i./ha at 45 DAS.
<b>Coconut</b>	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%)

<b>Gourds</b>	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**