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**Virudhunagar District level AAB No. 103/2023-24 Day & Date: Tuesday & 26.12.2023**

Observed weather during last week (Dated 19 <sup>th</sup> December to 25 <sup>th</sup> December 2023)							Weather Parameters / Date	Weather forecast (Valid from 27 <sup>th</sup> December to 8:30 hrs of 31 <sup>st</sup> December 2023)				
19/12	20/12	21/12	22/12	23/12	24/12	25/12		Day 1 27/12	Day 2 28/12	Day 3 29/12	Day 4 30/12	Day 5 31/12
14.5	0.0	0.2	2.3	0.0	0.0	0.0	Rainfall (mm)	0	1	4	4	4
25	29	25	31	31	32	31	Max. Temp. (°C)	31	30	30	29	29
23	23	23	21	21	22	22	Min. Temp. (°C)	22	21	21	20	20
Generally cloudy	Generally cloudy	Cloudy sky	Generally cloudy	Cloudy sky	Generally cloudy	Generally cloudy	Cloud cover (Octa)	Generally cloudy	Generally cloudy	Mainly cloudy	Mainly cloudy	Generally cloudy
79	72	79	80	85	80	86	Relative humidity - Mor. (%)	100	90	90	90	90
71	70	90	67	56	70	65	Relative humidity - Eve. (%)	60	70	70	70	70
7	11	7	5	7	9	6	Wind speed (kmph)	18	20	18	14	16
ENE	ENE	NNW	E	E	ENE	E	Wind direction (dd)	ENE	ENE	ENE	ENE	NNE

<b>Rainfall (mm) in last week</b>	<b>Rainfall (mm) from 01/01/2023 to till dated</b>
<b>17.0</b>	<b>1026.1</b>

**Weather forecast**

- The maximum temperature is likely to increase by 1°C Celsius for the next five days compared to the previous week.
- Very light to light rainfall is predicted on day 2 (28.12.2023) to day 5 (31.12.2023).
- Sky condition will be generally to mainly cloudy.
- Wind speed is expected to be 14-20 km per hour and the wind direction will be from East-Northeast and North-Northeast direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Based on soil moisture availability, farmers are requested to irrigate the crops.
Both rainfed / irrigated crops	Relative humidity	Cloudy weather with high relative humidity without rainfall may result to disease incidence. Hence, farmers are requested to go for fungicide spraying.
Pulses	Harvest	If possible, farmers are requested to go with machine harvester and store the harvested produce in safe.
Maize	Cob development	If Fall army worm incidence noticed with the prevailed weather. To control spray Chlorantraniliprole 18.5 SC@ 3 ml / 10lit. of water using manually operated or battery-operated high- volume knapsack sprayer only with a spray volume of 500 lit./ha.
Chilli	Flowering	<ul style="list-style-type: none"> <li>• Water logged condition lead to damping off infection, Soil drenching with copper oxychloride@ 2.5g/litre or Neem cake.</li> <li>• If rainfall was not recorded in the area, spray 19:19:19+Mn@1% .</li> </ul>
Onion		Water logged condition results to soft rot and basal rot. Practice soil trenching with Copper hydroxide 2.5g/litre .
Livestock	Relative humidity	Chance for diseases spread. Farmers are requested to provide vaccination immediately.

SMS: Rain:28-31.12-1,4,4&4 mm. relative humidity - Spray fungicide. Livestock – disease spread- provide vaccination immediately. Pulses- machine harvest and kept safe.

**Tamil Nadu**

Moderate Northeasterlies/Easterlies prevail over the region in the lower tropospheric levels.

Weather forecast	Next five days	<ul style="list-style-type: none"><li>• Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry &amp; Karaikal area from Day 1 (27-12-2023) to Day 3 (29-12-2023).</li><li>• Light to moderate rain is likely to occur at a few places over Coastal Tamilnadu, at one or two places over interior Tamilnadu, Puducherry &amp; Karaikal area on Day 4 (30-12-2023) &amp; Day 5 (31-12-2023).</li></ul>
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**Professor and Head  
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