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**Virudhunagar District level AAB No. 067/2023-24 Day & Date: Tuesday & 22.08.2023**

Observed weather during last week (Dated 15 <sup>th</sup> August to 21 <sup>st</sup> August 2023)							Weather Parameters/ Date	Weather forecast (Valid from 23 <sup>rd</sup> August to 8:30 hrs of 27 <sup>th</sup> August 2023)				
5/08	16/08	17/08	18/08	19/08	20/08	21/08		Day 1 23/08	Day 2 24/08	Day 3 25/08	Day 4 26/08	Day 5 27/08
2.2	0.7	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	4	3	0	0	0
36	37	37	39	38	39	37	Max. Temp. (°C)	39	38	38	37	37
25	24	25	25	25	25	26	Min. Temp. (°C)	27	26	26	25	25
Partly clear	Partly clear	Partly clear	Generally cloudy	Partly clear	Partly clear	Partly clear	Cloud cover (Octa)	Mainly cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy
67	66	71	66	62	57	57	Relative humidity - Mor. (%)	80	70	70	70	70
50	46	37	44	40	42	39	Relative humidity - Eve. (%)	40	30	30	40	40
7	6	7	10	13	8	7	Wind speed (kmph)	10	10	12	12	10
SSE	NE	SSE	WNW	WNW	NE	WNE	Wind direction (dd)	SW	SW	SSW	SSW	SSW

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
2.9	269.5

- ☐ As per forecast received, maximum temperature may remain same as the previous week.
- ☐ Light rainfall is predicted on day 1(23.8.) and day 2 (24.08)
- ☐ Sky condition will be Generally cloudy.
- ☐ Wind speed is expected to be 10-12 km per hour and the wind direction will be from South West and South-Southwest direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Light rainfall is predicted for next two days, so farmers are requested to postpone the irrigation or to plan based on local weather prevail.
Cotton	Sowing	Adopt synchronized sowing. Grow castor, cowpea, maize as bund crop or intercrop to encourage the activities of natural enemies. Basal application of 250 kg/ha of neem cake.
Pearl millet and sorghum	Rainfall	Seed hardening - Pearl millet & Sorghum: 2% potassium chloride (Dissolve 20 gm of salt in 1000 ml of water). Soak 1 kg of seed in 650 ml of this solution for 10 hours and dry back to original moisture.
Livestock	Sheep	Hlaemorrhagic septicaemia-Very Less Risk- Affected animals May be treated with suitable antibiotics. Vaccination to be done in consultation with the veterinarians.

**SMS: Rain: 23-24&.08-4, 3 mm. Sowing may be taken with seed hardening.**

Tamil Nadu		
A north-south trough runs from South Interior Karnataka to Comorin area across interior Tamil Nadu at 0.9 km above mean sea level. A cyclonic circulation lies over north Tamil Nadu & adjoining Rayalaseema at 1.5 km above mean sea level		
Weather forecast	Next five days	<ul style="list-style-type: none"> <li>☐ Day 1 (23-08-2023): Light to moderate rain at many places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry &amp; Karaikal area. Heavy rain is likely to occur at one or two places over Salem, Namakkal, Karur, Dharmapuri, Dindigul &amp; Madurai districts of Tamilnadu.</li> <li>☐ Day 2 (24-08-2023): Light to moderate rain at a few places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry &amp; Karaikal area.</li> <li>☐ Day 3 (25-08-2023) to Day 5 (27-08-2023): Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry &amp; Karaikal area.</li> </ul>

**Professor and Head**  
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