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**Virudhunagar District level AAB No. 076/2023-24 Day & Date: Friday & 22.09.2023**

Observed weather during last week ((Dated 15 <sup>th</sup> September to 21 <sup>st</sup> September 2023)							Weather Parameters / Date	Weather forecast (Valid from 23 <sup>rd</sup> September to 8:30 hrs of 27 <sup>th</sup> September 2023)				
15/09	16/09	17/09	18/09	19/09	20/09	21/09		Day 1 23/09	Day 2 24/09	Day 3 25/09	Day 4 26/09	Day 5 27/09
2.4	0.0	0.5	11.8	20.2	20.2	5.2	Rainfall (mm)	2	4	4	5	3
39	38	37	38	36	34	37	Max. Temp. (°C)	37	37	36	36	36
25	25	26	26	24	25	25	Min. Temp. (°C)	25	25	24	24	24
Partly cloudy	Generally cloudy	Generally cloudy	Mainly Cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Cloud cover (Octa)	Generally cloudy	Generally cloudy	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy
62	64	72	82	93	78	60	Relative humidity - Mor. (%)	80	70	70	80	80
47	58	52	93	84	50	82	Relative humidity - Eve. (%)	50	50	50	50	50
8	7	5	4	6	2	7	Wind speed (kmph)	12	8	8	10	8
W	S	SSW	WNW	WSW	SSE	ESE	Wind direction (dd)	WSW	W	WSW	SSW	S

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
57.4	415

**Weather forecast**

- The maximum temperature for the next five days may remain the same as compared to the previous week
- Very light to light rainfall is predicted for next five days.
- Sky condition will be Generally to mainly cloudy sky.
- Wind speed is expected to be 8-12 km per hour and the wind direction will be from West-Southwest, West, South-Southwest and South direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Previous week it was wet spell and for next five days it is forecasted has very light to light rainfall. Hence, farmers are requested to postpone the irrigation.
Rainfed crop	Sowing	Rainfall is predicted for next five days; hence farmers are requested to go for sowing.
Irrigated/ Rainfed crops	Rainfall	Continuous rainfall may affect the soil aeration; hence farmers are requested to provide the drainage facilities.
Spraying	Rainfall	Advised to avoid spray.
Cotton	Vegetative	Hand weeding may be given at 10 - 20 days after crop emergence.
Chilli	Nursery preparation	Sowing of chilli may be taken under protective condition like placing the coconut leaves to avoid rainfall splash damage.
Groundnut	Vegetative	Prevailed weather is conducive for Tikka early leaf spot disease. Foliar spray with mancozeb at 0.2% (2 grams per liter) or 1kg per acre.
Livestock	September month forecast	Sheep- Haemorrhagic septicaemia-Very Less Risk- Affected animals May be treated with suitable antibiotics. Vaccination to be done in consultation with the veterinarians.

SMS: Rain: 23-27.09-2,4,4,5&3 mm. Avoid irrigation and spray. Sowing of rainfed crops and chilli under protective condition.

Tamil Nadu

**A cyclonic circulation over Comorin area & neighbourhood now lies over south Tamil Nadu and extends upto 4.5 km above mean sea level.**

Weather forecast	Next five days	<ul style="list-style-type: none"> <li><input type="checkbox"/> 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 on Day 1 (23.09.2023).</li> <li><input type="checkbox"/> Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli, Tenkasi, Theni, Dindigul, Madurai, Salem, Namakkal, Dharmapuri, Tirupattur, Krishnagiri, Erode, Nilgiris &amp; Ghat areas of Coimbatore districts of Tamilnadu on Day 1 (23.09.2023).</li> <li><input type="checkbox"/> 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 on Day 2 (24.09.2023).</li> <li><input type="checkbox"/> Heavy rain is likely to occur at isolated places over Nilgiris, Erode, Salem, Dharmapuri, Krishnagiri &amp; Tirupattur districts of Tamilnadu on Day 2 (24.09.2023).</li> <li><input type="checkbox"/> 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 from Day 3 (25.09.2023) to Day 5 (27.09.2023).</li> </ul>
Extended range of weather forecast		Week (29 <sup>th</sup> Sep to 05 <sup>th</sup> Oct 2023): Generally near normal to above normal rainfall is likely over many parts of Tamilnadu, Puducherry and Karaikal area.

**Professor and Head  
Agricultural Research Station  
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