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**Virudhunagar District level AAB No.077/2023-24 Day & Date: Tuesday & 26.09.2023**

Observed weather during last week (Dated 19 <sup>th</sup> September to 25 <sup>th</sup> September 2023)							Weather Parameters / Date	Weather forecast (Valid from 27 <sup>th</sup> September to 8:30 hrs of 01 <sup>st</sup> October 2023)				
19/09	20/09	21/09	22/09	23/09	24/09	25/09		Day 1 27/09	Day 2 28/09	Day 3 29/09	Day 4 30/09	Day 5 01/10
20.2	20.2	5.2	1.1	7.7	0.0	0.0	Rainfall (mm)	0	2	3	0	0
36	34	37	37	37	38	37	Max. Temp. (°C)	37	36	36	35	35
24	25	25	25	25	25	26	Min. Temp. (°C)	26	25	25	24	24
Generally cloudy	Generally cloudy	Generally cloudy	Mainly Cloudy	Partly cloudy	Partly cloudy	Generally cloudy	Cloud cover (Octa)	Generally cloudy	Mainly Cloudy	Mainly Cloudy	Mainly Cloudy	Generally cloudy
93	78	60	79	65	70	68	Relative humidity - Mor. (%)	70	70	80	80	80
84	50	82	60	52	41	50	Relative humidity - Eve. (%)	40	50	50	50	60
6	2	7	5	10	6	6	Wind speed (kmph)	12	18	18	18	18
WSW	SSE	ESE	WSW	N	W	W	Wind direction (dd)	W	W	WSW	WSW	WSW

<b>Rainfall (mm) in last week</b>	<b>Rainfall (mm) from 01/01/2023 to till dated</b>
<b>8.8</b>	<b>423.8</b>

**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 day 2 (28.09.2023) and day 3 (29.09.2023).
- ❑ Sky condition will be Generally to mainly cloudy sky.
- ❑ Wind speed is expected to be 12-18 km per hour and the wind direction will be from West-Southwest, West direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Previous week it was wet spell and whereas on day 2 (28.09.2023) and day 3 (29.09.2023) it is predicted has very light to light rainfall. Hence, farmers are requested to postpone the irrigation for next two days.
Rainfed crop	Sowing	Rainfall is predicted on day 2 (28.09.2023) and day 3 (29.09.2023); 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 for next two days.
Cotton	Vegetative	Hand weeding may be given at 10 - 20 days after crop emergence.
Paddy	Flowering	Presence of rain and high humidity with high wind is conducive for False smut disease. Spray of copper oxychloride @ 2.5 g/litre or Propiconazole @ 1.0 ml/litre to control.
Maize	Vegetative	The prevailing weather condition is conducive for fall armyworm incidence in early maize crop. Spray chlorantraniliprole 18.5% SC @ 0.4ml/ litre of water. Use only hand sprayer and direct the spray towards whorl region.
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: 28-29.09-2&3 mm. Avoid irrigation and spray. Sowing of rainfed crops and chilli under protective condition.

Tamil Nadu

**Yesterday's cyclonic circulation over north coastal Tamil Nadu & neighbourhood now lies over Westcentral Bay off Coastal Andhra Pradesh between 4.5 & 5.8 km above mean sea level. Light to Moderate Northwesterlies / Westerlies prevail over the subdivision in the lower tropospheric levels.**

Weather forecast	Next five days	<ul style="list-style-type: none"><li>□ 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>□ Heavy rain is likely to occur at one or two places over Tiruvallur, Ranipet, Vellore, Tiruvannamalai, Kancheepuram, Chengalpattu, Villupuram, Kallakurichi, Cuddalore &amp; Mayiladuthurai districts of Tamilnadu and Puducherry on Day 1 (27.09.23).</li><li>□ 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 (28.09.23).</li><li>□ Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry &amp; Karaikal area.</li><li>□ Heavy rain is likely to occur at one or two places over Nilgiris, Ghat areas of Coimbatore, Theni &amp; Dindigul districts of Tamilnadu from Day 3 (29.09.23) to Day 5 (01.10.23).</li></ul>
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**Professor and Head  
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