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Tirunelveli District level AAB No. 049/2023-24 Day & Date: Tuesday & 20.06.2023

Observed weather during last week (Dated 13 th to 19 th June 2023)							Weather Parameters	Weather forecast (Valid from 21 st to 08:30 hrs of 25 th June 2023)				
13/06	14/06	15/06	16/06	17/06	18/06	19/06	Date	Day 1 21/06	Day 2 22/06	Day 3 23/06	Day 4 24/06	Day 5 25/06
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	8	2	3	4	3
39	38	37	40	40	38	37	Max. Temp. (°C)	37	36	36	36	36
28	28	29	29	29	29	28	Min. Temp. (°C)	27	26	26	27	27
Mainly clear	Partly clear	Partly clear	Partly clear	Partly clear	Generally cloudy	Generally cloudy	Cloud cover (Octa)	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy	Mainly cloudy
74	61	60	62	60	64	65	Relative humidity - Mor. (%)	70	70	70	70	70
40	40	38	39	41	41	42	Relative humidity - Eve. (%)	50	50	40	40	40
4	3	6	6	5	4	3	Wind speed (kmph)	12	10	12	12	10
NW	NW	NW	NNW	NNW	NNW	NNW	Wind direction (dd)	W	W	W	W	W
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2023 to till dated								
0				216.7								

As per forecast received, expected gradual decrease in maximum temperature by 1°C in next five days.

Very light to light rainfall is predicted for next five days.

Sky condition will be mainly cloudy sky

Wind speed is expected to be 10-12 km per hour and the wind direction will be from West direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	As southwest monsoon gets advance, chance for rainfall in coming week. Farmers are requested to postpone the irrigation. However, if the location fails to receive irrigate based on the crop need.
Rainfall	Ploughing	In order to store the unexpected rainfall for moisture conservation, farmers are requested to go ploughing.
	Harvest	Harvested products to be stored in air tight room to preserve from fungus infection.
Paddy	Nursery and Vegetative	<input type="checkbox"/> Rainfall is predicted for next five days farmers are advised to avoid for nutrient spray. <input type="checkbox"/> Maintain appropriate water level to avoid crop lodging
Cotton	Harvest	As rainfall is predicted, Farmers are requested to harvest immediately and stored in the air tight room to avoid fungal affect.
Cumbu		
Sugarcane	Vegetative to tillering stage	<input type="checkbox"/> Very light rainfall is expected; hence farmers are requested to remove the water shoots which affects the growth of adjacent statics. <input type="checkbox"/> To avoid lodging of cane, propping and Earthing-up operation may be practiced. <input type="checkbox"/> Mulch the ridges uniformly with cane trash to a thickness of 10 cm to conserve the rain water.
Banana	Vegetative to bunch formation stage	<input type="checkbox"/> To avoid lodging, propping and Earthing-up operation may be practiced
Coconut	All stages	Wind and rainfall may damage the crop; hence farmers are requested to provide staking so that winds may not uproot the young seedlings. Also, earthing up and raising of green manure can hold the rain water for crop stand.
Livestock	Disease Forecast	Bluetongue Livestock Disease Forecast - Proper Vaccination of animals with regular intervals.

	of June month	<p>Animals should not be allowed for grazing. Ulcers in the mouth can be treated with saline water or dissolve 1g of Potassium permanganate in 1 liter of water and wash the mouth 2 to 3 times a day with this solution.</p> <p>Peste des petits ruminants- Preventive Measures: Vaccination of susceptible animals of above 3 months old age. Restriction on animal movement, strict biosecurity measures and proper disposal of carcass.</p>
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SMS: Rain: 21-25.06- 8,2,3,4&3 mm. Ploughing may be practiced. Sugarcane- earthing up and propping. Cotton- earthing up.

Tamil Nadu		
<p>The cyclonic circulation over Southwest & adjoining Westcentral Bay of Bengal off Tamilnadu coast now lies over Southwest & adjoining Westcentral Bay of Bengal off Andhra Pradesh coast between 0.9 km & 5.8 km above mean sea level tilting southwestwards with height.</p> <p>Yesterday's trough now runs from the above cyclonic circulation to Lakshadweep area & adjoining Southeast Arabian Sea across Tamil Nadu and Kerala at 3.1 km above mean sea level.</p>		
Next five days	Weather warning	<ul style="list-style-type: none"> <input type="checkbox"/> Light to moderate rain at a few places over North Tamilnadu, Puducherry, Karaikal area, at isolated places over South Tamil Nadu with Thunderstorm, lightning at one or two places is likely to occur. <input type="checkbox"/> Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Erode, Salem, Dharmapuri, Krishnagiri, Tirupattur, Vellore, Ranipet and Tiruvannamalai on Day1(21.06.23) <input type="checkbox"/> Light to moderate rain at a few places over North Tamilnadu, Puducherry, Karaikal area, at isolated places over South Tamil Nadu with Thunderstorm, lightning at one or two places is likely to occur on Day 2(22.06.23) <input type="checkbox"/> Light to moderate rain with thunderstorm & lightning is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area on Day 3(23.06.23) <input type="checkbox"/> Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry and Karaikal area on Day 4(24.06.23) & Day 5 (25.06.23)

**Professor and Head
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