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

Observed weather during last week ((Dated 15 th September to 21 st September 2023)							Weather Parameters / Date	Weather forecast (Valid from 23 rd September to 8:30 hrs of 27 th 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
1.2	0.6	2.2	1.9	0.3	0.3	2.9	Rainfall (mm)	15	3	3	5	3
37	37	36	35	36	34	37	Max. Temp. (°C)	37	36	35	35	35
27	27	24	26	25	25	26	Min. Temp. (°C)	26	25	25	25	24
Partly cloudy	Partly cloudy	Partly cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Cloud cover (Octa)	Generally cloudy	Partly cloudy	Generally cloudy	Mainly cloudy	Generally cloudy
61	59	61	65	67	73	73	Relative humidity - Mor. (%)	80	80	80	80	80
46	49	46	45	53	47	53	Relative humidity - Eve. (%)	50	40	40	50	50
2	1	1	1	0	2	0	Wind speed (kmph)	16	14	14	14	16
NNW	NNW	N	NNW	N	NNW	N	Wind direction (dd)	W	W	W	W	W

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
5.4	437.0

Weather forecast

- The maximum temperature for the next five days may remain the same as compared to the previous week**
- Light rainfall is predicted for next five days.**
- Sky condition will be partly to mainly cloudy sky.**
- Wind speed is expected to be 14-16 km per hour and the wind direction will be from West direction.**

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Light rainfall is predicted for next five days. Hence, farmers are requested to avoid irrigation.
	Rainfall	Provide the drainage facilities.
Plant protection	Rainfall	Farmers are Advised to avoid spray.
Rainfed crops	Selection of varieties	For sowing during the ensuing northeast monsoon season. Cotton (KC 3 & K12), Maize (CoH(M) 6 &8), Sorghum (K 8 & K 12), Black gram (Vamban 6, 8 &11), Green gram (CO 7 & CO 8).
	Sowing	Utilize the rainfall for sowing with crop specific moisture conservation technique.
Chilli	Nursery preparation	Sowing of chilli may be taken under protective condition like placing the coconut leaves to avoid rainfall splash damage.
Paddy	Green manuring	Raise green manure crops like daincha @ 20 kg/ ha in rice field for ensuing season.
	Flowering	Presence of rain and high humidity with high wind is conducive for False smut disease. spraying of copper oxychloride @ 2.5 g/litre or Propiconazole @ 1.0 ml/litre can be control.
Banana	Vegetative to bunch formation	Wind speed and rainfall may lead lodging. Propping and earthing-up operation may be practiced

SMS: Rain: 22-27.09-15,3,3,5&3 mm. Avoid irrigation and spray. Sowing of rainfed crops and chilli under protective condition. Raise daincha @ 20 kg/ ha in ensuing rice field.

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"> <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 & Karaikal area on Day 1 (23.09.2023). <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 & Ghat areas of Coimbatore districts of Tamilnadu on Day 1 (23.09.2023). <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 & Karaikal area on Day 2 (24.09.2023). <input type="checkbox"/> Heavy rain is likely to occur at isolated places over Nilgiris, Erode, Salem, Dharmapuri, Krishnagiri & Tirupattur districts of Tamilnadu on Day 2 (24.09.2023). <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 & Karaikal area from Day 3 (25.09.2023) to Day 5 (27.09.2023).
Extended range of weather forecast		Week (29 th Sep to 05 th Oct 2023): Generally near normal to above normal rainfall is likely over many parts of Tamilnadu, Puducherry and Karaikal area.

**Professor and Head
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