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Thoothukudi 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
0.0	0.0	0.0	13.0	1.8	1.8	2.3	Rainfall (mm)	3	2	5	3	3
36	NA	NA		31	33	31	Max. Temp. (°C)	33	33	33	32	32
27	NA	NA	26	26	27	27	Min. Temp. (°C)	26	25	25	25	25
Partly cloudy	NA	NA	Mainly cloudy	Generally cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Partly cloudy	Mainly cloudy	Generally cloudy	Mainly cloudy
78	NA	NA	86	89	89	82	Relative humidity – Mor. (%)	70	60	60	70	70
68	NA	NA	80	86	86	79	Relative humidity – Eve. (%)	40	40	40	40	40
2	NA	NA	4	1	1	2	Wind speed (kmph)	16	12	10	12	14
N	NA	NA	W	SSW	S	WNW	Wind direction (dd)	WSW	W	WSW	SSW	W

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
18.9	273.2

Weather forecast

- The maximum temperature for the next five days may remain the same as compared to the previous week**
- Very light to light rain fall is predicted for next five days.**
- Sky condition will be partly to mainly cloudy.**
- Wind speed is expected to be 10-14 km per hour and the wind direction will be from West-Southwest, West and South-Southwest direction.**

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Light rainfall is predicted for next five days. Hence, farmers are requested to avoid irrigation.
Plant protection	Rainfall	Advised to avoid spraying.
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	Flowering stage	The prevailing weather condition is conducive for Bacterial leaf blight incidence. Spray neem oil 3% (or) Two sprays of Copper hydroxide 77 WP@1.25 kg/ha on 30 DAP & 45 DAP.
	Green manuring	Raise green manure crops like daincha @ 20 kg/ ha in rice field.
Banana	Vegetative to bunch formation	Wind speed and rainfall may lead lodging. Propping and earthing-up operation may be practiced

SMS: Rain: 23-27.09- 3,2,5,3&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
Agricultural Research Station
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