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

Observed weather during last week (Dated 19 th September to 25 th September 2023)							Weather Parameters / Date	Weather forecast (Valid from 27 th September to 8:30 hrs of 01 st 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
1.8	1.8	2.3	0.0	3.6	0.0	1.5	Rainfall (mm)	0	0	0	0	0
31	33	31	33	NA	NA	NA	Max. Temp. (°C)	34	34	35	35	35
26	27	27	27	NA	NA	26	Min. Temp. (°C)	25	25	25	25	25
Generally cloudy	Partly cloudy	Partly cloudy	Generally cloudy	NA	NA	Partly cloudy	Cloud cover (Octa)	Generally cloudy	Generally cloudy	Generally cloudy	Partly cloudy	Generally cloudy
89	89	82	83	NA	NA	75	Relative humidity – Mor. (%)	70	70	70	70	70
86	86	79	83	NA	NA	80	Relative humidity – Eve. (%)	30	40	40	40	40
1	1	2	1	NA	NA	2	Wind speed (kmph)	18	18	20	20	20
SSW	S	WNW	NNW	NA	NA	S	Wind direction (dd)	W	W	W	W	W

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
5.1	278.3

Weather forecast

- The maximum temperature for the next five days may increase as 2C compared to the previous week**
- No rain fall is predicted for next five days.**
- Sky condition will be generally cloudy.**
- Wind speed is expected to be 18-20 km per hour and the wind direction will be from West direction.**

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	No rainfall is predicted for next five days. Hence, farmers are requested to irrigate the crop based on local weather.
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 llike 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	Moderate Wind speed and rainfall may lead lodging. Propping and earthing-up operation may be practiced

SMS: Rain: Nil. Irrigate the crop. Sowing of rainfed crops and chilli under protective condition. Raise daincha @ 20 kg/ ha in ensuing rice field.

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"><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.<input type="checkbox"/> Heavy rain is likely to occur at one or two places over Tiruvallur, Ranipet, Vellore, Tiruvannamalai, Kancheepuram, Chengalpattu, Villupuram, Kallakurichi, Cuddalore & Mayiladuthurai districts of Tamilnadu and Puducherry on Day 1 (27.09.23).<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 (28.09.23).<input type="checkbox"/> Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry & Karaikal area.<input type="checkbox"/> Heavy rain is likely to occur at one or two places over Nilgiris, Ghat areas of Coimbatore, Theni & Dindigul districts of Tamilnadu from Day 3 (29.09.23) to Day 5 (01.10.23).
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**Professor and Head
Agricultural Research Station
Kovilpatti**