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Tirunelveli District level AAB No. 080/2023-24 Day & Date: Friday & 06.10.2023

Observed weather during last week ((Dated 29 th September to 02 nd October 2023)							Weather Parameters / Date	Weather forecast (Valid from 07 th October to 8:30 hrs of 11 th October 2023)				
29/09	30/09	01/10	02/10	03/10	04/10	05/10		Day 1 07/10	Day 2 08/10	Day 3 09/10	Day 4 10/10	Day 5 11/10
3.7	12.3	23.4	23.3	6.6	2.4	10.5	Rainfall (mm)	5	3	8	12	12
35	33	34	34	35	35	36	Max. Temp. (°C)	37	37	37	36	36
27	25	25	25	25	25	25	Min. Temp. (°C)	26	26	26	25	25
Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Partly cloudy	Partly cloudy	Generally cloudy	Cloud cover (Octa)	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy
71	74	73	76	67	64	61	Relative humidity - Mor. (%)	70	70	70	68	68
54	49	52	47	46	48	45	Relative humidity - Eve. (%)	48	48	48	45	45
2	0	2	1	2	1	0	Wind speed (kmph)	2	2	2	1	1
NNW	N	NNW	NNW	NNW	NNW	N	Wind direction (dd)	NNW	NNW	NNW	NW	NNW

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
19.5	531.4

Weather forecast

- The maximum temperature for the next five days may increase 1-2°C as compared to the previous week**
- Light rainfall is predicted for next four days.**
- Sky condition will be generally cloudy sky.**
- Wind speed is expected to be 1-2 km per hour and the wind direction will be from North-Northwest and Northwest direction.**

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Light rainfall is predicted for next five days. Hence, farmers are request to postpone the irrigation.
Plant protection	Rainfall	Farmers are 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	Farmers are request to take sowing.
Chilli	Nursery preparation	Avoid spraying and provide drainage facilities.
Paddy	Green manuring	Raise green manure crops like daincha @ 20 kg/ ha in rice field for ensuing season
Banana	Vegetative to bunch formation	Moderate wind speed and rainfall may lead lodging. Propping and earthing-up operation may be practiced

SMS: Rain: 07-11.10-5,3,8,12&12 mm. Postpone the irrigation. Raise daincha @ 20 kg/ ha in ensuing rice field. Chilli- provide drainage facilities.

Tamil Nadu

Light to Moderate Northwesterlies / Westerlies/ Southwesterlies prevail over the region in the lower tropospheric levels.

Weather forecast	Next five days	<ul style="list-style-type: none"> ☐ Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area on Day 1 (07.10.2023) and Day 2 (08.10.2023). ☐ Light to moderate rain at a few places with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area on Day 3 (09.10.2023). ☐ Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore, Erode, Krishnagiri, Tirupattur, Salem, Dharmapuri, Namakkal, Tiruchirappalli, Karur, Dindigul, Madurai and Theni districts of Tamilnadu on Day 3 (09.10.2023). ☐ Light to moderate rain at a few places with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area on Day 4 (10.10.2023). ☐ Heavy rain is likely to occur at isolated places over Nilgiris, Ghat areas of Coimbatore, Erode, Krishnagiri, Tirupattur, Salem, Dharmapuri, Namakkal, Tiruchirappalli, Karur, Dindigul, Madurai and Theni districts of Tamilnadu on Day 4 (10.10.2023) ☐ Light to moderate rain at a few places with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area on Day 5 (11.10.2023).
Extended range of weather forecast		Week (13 th to 19 th Oct 2023): Above normal rainfall is likely over western ghat and adjoining interior districts of Tamilnadu and below normal rainfall is likely over rest of Tamilnadu, Puducherry and Karaikal.

**Professor and Head
Agricultural Research Station
Kovilpatti**