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**Tirunelveli District level AAB No. 083/2023-24 Day & Date: Tuesday & 17.10.2023**

Observed weather during last week (Dated 10 <sup>th</sup> October to 16 <sup>th</sup> October 2023)							Weather Parameters / Date	Weather forecast (Valid from 18 <sup>th</sup> October to 8:30 hrs of 22 <sup>nd</sup> October 2023)				
10/10	11/10	12/10	13/10	14/10	15/10	16/10		Day 1 18/10	Day 2 19/10	Day 3 20/10	Day 4 21/10	Day 5 22/10
3.8	0.0	2.2	5.3	0.3	4.7	6.5	Rainfall (mm)	50	8	8	10	10
36	35	35	35	34	33	32	Max. Temp. (°C)	33	33	33	32	32
25	26	25	25	25	25	25	Min. Temp. (°C)	25	25	25	24	24
Partly cloudy	Partly cloudy	Generally cloudy	Partly cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Cloud cover (Octa)	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy	General cloudy
70	68	65	70	70	77	77	Relative humidity - Mor. (%)	80	80	80	78	78
47	48	45	50	63	65	64	Relative humidity - Eve. (%)	66	66	66	64	64
4	1	0	0	0	0	0	Wind speed (kmph)	4	4	4	3	3
SE	SE	N	N	N	N	N	Wind direction (dd)	E	E	E	E	E

<b>Rainfall (mm) in last week</b>	<b>Rainfall (mm) from 01/01/2023 to till dated</b>
22.8	554.7

**Weather forecast**

- The maximum temperature for the next five days may decrease 1°C as compared to the previous week**
- Light to moderate rainfall is predicted for next five days.**
- Sky condition will be generally cloudy sky.**
- Wind speed is expected to be 3-4 km per hour and the wind direction will be from East direction.**

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Light to moderate 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. Sorghum (K 8 & K 12), Black gram (Vamban 6, 8 & 11), Green gram (CO 7 & CO 8).
	Sowing	Farmers are request to take sowing with proper drainage facilities across the field to collect rain water.
Chilli	Nursery preparation	Avoid spraying and provide drainage facilities to avoid Damping off infection.
Paddy	Green manuring	Raise green manure crops like daincha @ 20 kg/ ha in rice field for ensuing season.
	Sowing	In nursery, maintain the water level to avoid seed loss through rainfall splash.
Banana	Vegetative to bunch formation	Rainfall may lead lodging. Earthing-up and mulching operation may be practiced

SMS: Rain: 18-22.10-50,8,8,10&10 mm. Postpone the irrigation & avoid spraying. Rice- Nursey- maintain the water level to avoid seed loss.

**Tamil Nadu**

A trough runs from the Southeast Bay of Bengal & adjoining Andaman Sea to south coastal Tamil Nadu extending upto 4.5 km above mean sea level tilting southwards with height. Yesterday's cyclonic circulation over coastal Tamil Nadu & neighbourhood extending upto 3.1 km above mean sea level has merged with the

above trough.		
Weather forecast	Next five days	<ul style="list-style-type: none"> <li>☐ Light to moderate rain at many places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry &amp; Karaikal area on Day 1 (18.10.2023).</li> <li>☐ Heavy rain is likely to occur at isolated places over The Nilgiris, Coimbatore, Tiruppur, Theni, Dindigul, Madurai, Virudhunagar, Thenkasi, Tirunelveli, Kanyakumari and Thoothukudi districts of Tamilnadu on Day 1 (18.10.2023).</li> <li>☐ Light to moderate rain with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry &amp; Karaikal area on Day 2 (19.10.2023).</li> <li>☐ Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry &amp; Karaikal area from Day 3 (20.10.2023) to Day 5 (22.10.2023).</li> </ul>

**Professor and Head  
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