



Gramin Krishi Mausam Sewa (GKMS)
Agromet Field Unit (AMFU)
 Agricultural Research Station, TNAU, Kovilpatti - 628 501
 Email: agmet_arskpt@yahoo.co.in,
amfukovilpatti@gmail.com



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

Observed weather during last week ((Dated 10 th October to 16 th October 2023)							Weather Parameters / Date	Weather forecast (Valid from 18 th October to 8:30 hrs of 22 nd 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
0.9	3.6	5.5	9.7	3.4	8.5	37.7	Rainfall (mm)	40	15	10	10	10
38	37	36	33	34	32	33	Max. Temp. (°C)	31	31	31	30	30
25	25	23	25	24	24	23	Min. Temp. (°C)	23	23	23	22	22
Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Cloud cover (Octa)	Mainly cloudy	Mainly cloudy	Mainly cloudy	Generally cloudy	Generally cloudy
82	78	95	88	89	89	95	Relative humidity - Mor. (%)	96	96	96	92	92
68	56	69	69	68	72	73	Relative humidity - Eve. (%)	78	78	78	74	74
4	3	6	1	4	4	3	Wind speed (kmph)	6	6	6	5	5
W	S	SSE	ESE	S	S	S	Wind direction (dd)	E	E	E	ESE	ESE

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
69.3	503.6

Weather forecast

- The maximum temperature for the next five days may decrease 2-3°C as compared to the last three days.
- Light to moderate rainfall is predicted for next five days.
- Sky condition will be generally to mainly cloudy.
- Wind speed is expected to be 5-6 km per hour and the wind direction will be from East and East-Southeast direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Light to moderate rainfall is predicted for next five days. Hence, farmers are requested to postpone the irrigation.
	Rainfall	Avoid spraying
Rainfed crop	Sowing	Farmers are advised to practice gap filling and tinning with proper drainage facilities across the field to collect rain water.
Cotton	Vegetative	Crop residue mulching may be done to reduce the soil erosion.
Maize	Vegetative	The prevailing weather condition is conducive for fall armyworm incidence in early maize crop. Spray chlorantraniliprole 18.5% SC @ 0.4ml/ litre of water. Use only hand sprayer and direct the spray towards whorl region.
Chilli	Nursery	Avoid spraying and provide drainage facilities to avoid Damping off infection.
Livestock	October month forecast	Anthrax - Very High Risk – goat, sheep, cattle- Vaccination to be done in consultation with the veterinarians and as decided by state animal husbandry authorities. Other diseases infection are at very low risk.

SMS: Rain: 18-22.10-40,15,10,10&10 mm. Postpone the Irrigation and avoid spray. Cotton- crop residue mulch – reduce soil erosion. Chilli- drainage facilities.

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	<input type="checkbox"/> Light to moderate rain at many places with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry & Karaikal area on Day 1 (18.10.2023). <input type="checkbox"/> Heavy rain is likely to occur at isolated places over The Nilgiris, Coimbatore,
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		<p>Tiruppur, Theni, Dindigul, Madurai, Virudhunagar, Thenkasi, Tirunelveli, Kanyakumari and Thoothukudi districts of Tamilnadu on Day 1 (18.10.2023).</p> <ul style="list-style-type: none">□ Light to moderate rain with thunderstorm and lightning at one or two places is likely to occur over Tamilnadu, Puducherry & Karaikal area on Day 2 (19.10.2023).□ Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area from Day 3 (20.10.2023) to Day 5 (22.10.2023).
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**Professor and Head
Agricultural Research Station
Kovilpatti**