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Tirunelveli District level AAB No. 005/2024 Day & Date: Tuesday & 16.01.2024

Observed weather during last week Dated 09 th January 2024 to 15 th January, 2024							Weather Parameters / Date	Weather forecast (Valid from 17 th January 2024 to 8:30 hrs of 21 st January 2024)				
09/01	10/01	11/01	12/01	13/01	14/01	15/01		Day 1 17/01	Day 2 18/01	Day 3 19/01	Day 4 20/01	Day 5 21/01
11.6	23.6	32.9	3.9	0.0	0.0	0.0	Rainfall (mm)	0	0	1	2	0
29	28	28	29	30	31	31	Max. Temp. (°C)	31	32	31	31	31
24	24	24	24	23	24	24	Min. Temp. (°C)	22	21	21	21	21
Generally cloudy	Generally cloudy	Generally cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Cloud cover (Octa)	Mainly clear	Clear	Mainly clear	Mainly clear	Clear
81	85	85	82	81	79	82	Relative humidity - Mor. (%)	80	80	90	90	90
80	79	79	69	68	67	64	Relative humidity - Eve. (%)	40	50	60	50	40
0	0	0	0	0	0	1	Wind speed (kmph)	10	10	10	12	12
N	N	N	N	N	N	SE	Wind direction (dd)	N	N	N	N	N

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2024 to till dated
72	219.2

Weather forecast

- The maximum temperature for the next five days may increase by 2°C compared to the previous week.
- Very light rainfall is predicted next five days.
- Sky condition will be mainly clear sky.
- Wind speed is expected to be 10-12 km per hour and the wind direction will be from North direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Wet spell recorded during previous week. Hence, avoid irrigation. However, if crops undergo stress irrigation may be given.
rainfed / irrigated crops	Relative humidity/dew	Fungicide Spray may be given to avoid diseases due to high relative humidity
Pulses	Flowering stage	Spray PULSE WONDER @ 2 kg / acre in 200 litres of water and add adequate quantity of wetting agent to decreases flower shedding and Increases yield up to 20 per cent.
Maize	Harvest stage	Farmers are requested to go with machine harvest and kept safe.
Paddy	Transplanted, Tillering, panicle initiation stage	Raise Azolla as a dual crop by inoculating 500 kg/ha 7 to 10 DAT and then incorporate during weeding for the wet season crop.
Sunflower	Heading stage	The expected weather having low cloud cover and moderate to high humidity are conducive for the incidence of head borer. To control the pest, spray 5% Neem oil or 5% Neem Seed Kernal extract before egg laying.
Sugarcane	All the stages	Farmers are requested to practice Detrashing, Heavy earthing up and propping to prevent lodging.
Livestock	Relative humidity	Farmers are requested to provide vaccination immediately.
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SMS: Rain: 19&20.01:1&2 mm. pulse- PULSE WONDER @ 2 kg / acre in 200 litres of water. Irrigate the crop. sunflower- head borer. spray 5% Neem oil. paddy- Azolla @ 500 kg/ha at 7 to 10 DAT.

Tamil Nadu		
Weather forecast	Next five days	<ul style="list-style-type: none">• Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area on Day 1 (17.01.2024) and Day 2 (18.01.2024).• Light rain is likely to occur at one or two places over South Tamilnadu from Day 3 (19.01.2024) to Day 5 (21.01.2024).• Dry weather is very likely to prevail over North Tamilnadu, Puducherry & Karaikal area Day 3 (19.01.2024) to Day 5 (21.01.2024).

**Professor and Head
Agricultural Research Station
Kovilpatti**