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Tirunelveli District level AAB No. 012/2024 Day & Date: Friday & 09.02.2024

Observed weather for the period 02 <sup>nd</sup> to 8 <sup>th</sup> February, 2024							Weather Parameters / Date	Weather forecast (Valid from 9 <sup>th</sup> February 2024 to 8:30 hrs of 13 <sup>th</sup> February 2024)				
02/02	03/02	04/02	05/02	06/02	07/02	08/02		Day 1 09/02	Day 2 10/02	Day 3 11/02	Day 4 12/02	Day 5 13/02
1.4	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	1
28	32	32	33	33	33	33	Max. Temp. (°C)	33	33	32	32	33
25	25	25	25	25	24	24	Min. Temp. (°C)	24	23	22	23	24
Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Partly cloudy	Mainly clear	Partly cloudy	Cloud cover (Octa)	Partly cloudy	Generally cloudy	Mainly clear	Partly cloudy	Generally cloudy
90	90	87	89	88	88	97	Relative humidity - Mor. (%)	90	90	90	90	90
59	58	60	57	56	55	53	Relative humidity - Eve. (%)	50	40	50	50	50
2	0	4	2	1	22	1	Wind speed (kmph)	14	18	14	14	14
ENE	N	N	N	SE	30	50	Wind direction (dd)	NE	NE	N	N	NE

<b>Rainfall (mm) in last week</b>	<b>Rainfall (mm) from 01/01/2024 to till dated</b>
1.4	231.9

**Weather forecast**

- The maximum temperature is likely to be increase 1°C compared to the previous week.
- Very light rainfall is predicted on day 5 (13.02.2024).
- Sky condition will be partly to generally cloudy sky.
- Wind speed is expected to be 14-18 km per hour and the wind direction will be from Northeast and North direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Wind speed is high, evapotranspiration will be high. Hence, Irrigate the crop.
rainfed / irrigated crops	Relative humidity/dew	High relative humidity and moderate wind speed may increase the disease spread. Hence, spray fungicide to avoid diseases spread.
Paddy	Tillering, milking stage	❖ Prevailing weather may persist with Leaf folder (or) leaf roller. To control spray Chlorantraniliprole 18.5% SC 60 g/ac. ❖ Prevailing weather may persist with White backed plant hopper. Spray Azadirachtin 0.03% @400 ml.
Livestock	Dry condition	1. Dry condition is expected provide water frequently. 2. Avoid grazing ruminants during the early morning hours 3. The ruminants must not be tethered in marshy and slushy area to avoid foot rot, they must be housed in damp free elevated places.
	Goat	Goat pox: A Serious viral disease of goats commonly occurring in summer. The disease spread by direct contact and contaminated feed and water. Prevention: Annual revaccination should be done at the time of Feb-March. Treatment: Boric acid and glycerin paste can be applied over the skin lesions.3. Antibiotics should be given for 3-5 days. Contact near by Veterinary hospital.

SMS: Rain: 13.02-1 mm. Spray Chlorantraniliprole 18.5% SC @ 60 g/ac. to control Paddy Leaf folder. Spray Azadirachtin 0.03% @400 ml.to control White backed plant hopper.

<b>Tamil Nadu</b>		
Light to Moderate Easterlies/Northeasterlies prevail over the region in the lower tropospheric levels		
Weather forecast	Next five days	<ul style="list-style-type: none"><li>• On Day 1 (10.02.2024) &amp; Day 2 (11.02.2024): Dry weather is very likely to prevail over Tamilnadu, Puducherry &amp; Karaikal area. Mist/Haze is likely to prevail over Tamilnadu, Puducherry and Karaikal area during early morning hours.</li><li>• Day 3 (12.02.2024) &amp; Day 4 (13.02.2024): Dry weather is very likely to prevail over Tamilnadu, Puducherry &amp; Karaikal area.</li><li>• Day 5 (14.02.2024): Light rain is likely to occur at one or two places over South Tamilnadu, Delta region &amp; Karaikal area. Dry weather is very likely to prevail over Rest Tamilnadu.</li></ul>
Extended range of weather forecast		Week (16-02-2024 to 22-02-2024): Near normal to below normal rainfall is likely over Tamilnadu, Puducherry and Karaikal

**Professor and Head  
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