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**Virudhunagar District level AAB No.079/2023-24 Day & Date: Tuesday & 03.10.2023**

Observed weather during last week (Dated 26 <sup>th</sup> September to 02 <sup>nd</sup> October 2023)							Weather Parameters / Date	Weather forecast (Valid from 04 <sup>th</sup> October to 8:30 hrs of 08 <sup>th</sup> October 2023)				
26/09	27/09	28/09	29/09	30/09	01/10	02/10		Day 1 04/10	Day 2 05/10	Day 3 06/10	Day 4 07/10	Day 5 08/10
0.0	0.1	4.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	3	1
35	36	38	36	35	35	35	Max. Temp. (°C)	35	35	35	34	34
25	24	25	26	26	26	25	Min. Temp. (°C)	25	24	24	24	23
Generally cloudy	Partly cloudy	Generally cloudy	Generally cloudy	Generally cloudy	Partly cloudy	Generally cloudy	Cloud cover (Octa)	Clear sky	Clear sky	Partly cloudy	Mainly Cloudy	Clear sky
64	68	59	60	68	75	66	Relative humidity - Mor. (%)	70	70	70	70	70
49	84	48	54	57	51	49	Relative humidity - Eve. (%)	30	30	30	30	30
4	7	10	8	13	10	8	Wind speed (kmph)	12	10	10	8	8
WNW	N	WNW	W	W	W	W	Wind direction (dd)	WSW	WSW	WSW	S	SSW

<b>Rainfall (mm) in last week</b>	<b>Rainfall (mm) from 01/01/2023 to till dated</b>
<b>0.0</b>	<b>427.9</b>

**Weather forecast**

- The maximum temperature for the next five days may decrease 3°C as compared to the previous week.
- Very light to light rainfall is predicted on day 4 (07.10.2023) and day 5 (08.10.2023).
- Sky condition will be Clear to mainly cloudy sky.
- Wind speed is expected to be 8-12 km per hour and the wind direction will be from West-Southwest, South and South-Southwest direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Day 4 (07.10.2023) and day 5 (08.10.2023) is predicted with very light to light rainfall. Hence, farmers are requested to irrigate the crop.
Rainfed crop	Sowing	Farmers available with supplement irrigation can go for sowing, if not wait till rainfall arrival.
Spraying	Rainfall	Avoid dry spell stress give with foliar spray of <ol style="list-style-type: none"> <li>Pulse- TNAU Pulse Wonder @ 2 kg/acre in 200 litres of water at flower initiation stage.</li> <li>Rice- PPFM-Pink Pigmented Facultative Microbes @ 500 ml/ha at PI &amp; flag leaf stage.</li> <li>Groundnut - TNAU Groundnut Rich @ 2.0 kg/ac (for each spray) in 200 litres of water at peak flowering and pod filling stage.</li> <li>Cotton -TNAU Cotton Plus @ 2.5 kg/ac with 200 litres of water at flowering and boll formation stages</li> <li>Maize - TNAU Maize Maxim @ 3 kg/acre in 200 litres of water at tassel initiation and at grain filling stages</li> </ol>
Cotton	Vegetative	Dust mulching may be done to reduce the evaporative loss of soil moisture.
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 preparation	spray water or neem oil to over the dry condition
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: 07&08.10-3&1 mm. Irrigate the crop and spraying may be done to overcome the dry spell condition. Sowing of rainfed crops preferable with supplement irrigation.

Tamil Nadu		
Light to Moderate North-westerlies / Westerlies/ Southwesterlies prevail over the region in the lower tropospheric levels.		
Weather forecast	Next five days	<ul style="list-style-type: none"><li><input type="checkbox"/> Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry &amp; Karaikal area on Day 1 (04.10.2023).</li><li><input type="checkbox"/> Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli and Tenkasi districts of Tamilnadu on Day 1 (04.10.2023).</li><li><input type="checkbox"/> Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry &amp; Karaikal area from Day 2 (05.10.2023) to Day 5 (08.10.2023).</li></ul>

**Professor and Head  
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