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Virudhunagar District level AAB No. 101/2023-24 Day & Date: Tuesday & 19.12.2023

Observed weather during last week (Dated 08 th December to 14 th December 2023)							Weather Parameters / Date	Weather forecast (Valid from 20 th December to 8:30 hrs of 24 th December 2023)				
12/12	13/12	14/12	15/12	16/12	17/12	18/12		Day 1 20/12	Day 2 21/12	Day 3 22/12	Day 4 23/12	Day 5 24/12
0.0	0.0	0.0	0.0	0.0	2.7	149.5	Rainfall (mm)	14	4	8	0	0
31	31	31	33	31	30	30	Max. Temp. (°C)	25	24	23	24	24
24	22	21	24	23	25	23	Min. Temp. (°C)	23	23	22	23	23
Generally cloudy	Generally cloudy	Partly cloudy	Generally cloudy	Generally cloudy	Cloudy sky	Cloudy sky	Cloud cover (Octa)	Generally cloudy	Partly cloudy	Generally cloudy	Partly cloudy	Generally cloudy
86	82	79	67	83	85	95	Relative humidity - Mor. (%)	90	90	90	90	90
66	62	54	70	83	89	90	Relative humidity - Eve. (%)	80	70	60	50	70
13	9	15	14	8	8	6	Wind speed (kmph)	16	14	12	14	16
ENE	E	E	N	NE	N	NE	Wind direction (dd)	N	NE	NE	N	N

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2023 to till dated
152.2	1,009.1

Weather forecast

- The maximum temperature is likely to decrease by 5°C Celsius for the next five days compared to the previous week.
- Light rainfall is predicted for next five days.
- Sky condition will be generally to partly cloudy.
- Wind speed is expected to be 12-16 km per hour and the wind direction will be from North and Northeast direction.

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very Heavy rainfall was recorded during previous week. Hence, farmers are requested drain the water.
Both rainfed / irrigated crops	Cloudy	<ul style="list-style-type: none"> • Avoid spraying for the next three days. • However, if cloudy weather without rainfall prevails it may result in disease incidence. Hence, farmers are requested to go for fungicide spraying.
Pulses	Harvest	If possible, farmers are requested to go with machine harvester and store the harvested produce in safe.
Maize	Cob development	If Fall army worm incidence noticed with the prevailed weather. To control spray Chlorantraniliprole 18.5 SC@ 3 ml / 10lit. of water using manually operated or battery-operated high- volume knapsack sprayer only with a spray volume of 500 lit./ha.
Paddy	Vegetative to panicle initiation	<ul style="list-style-type: none"> • Continuous rainy days, intermittent drizzles, cloudy weather and longer leaf wetness favours blast incidence. Spray carbendazim 50WP @ 500 g/ha or tricyclozole 75 WP @ 500 g/ha after observing initial infection of the disease
Chilli	Flowering	<ul style="list-style-type: none"> • Avoid spraying and provide drainage facilities to avoid damping off infection. Soil drenching with copper oxychloride@ 2.5g/litre or Neem cake. • If rainfall was not recorded in the area, spray 19:19:19+Mn@1% at 60 days after planting.
Onion		Water logged condition results to soft rot and basal rot. Practice soil trenching with Copper hydroxide 2.5g/litre .
Livestock	Rainfall and Relative humidity	Chance for diseases spread. Farmers are requested to provide vaccination immediately.
Human		Stay in protective environment to avoid diseases spread and weather calamities.

SMS: Rain: 20-22.12-14,4&8 mm. Avoid spraying. Provide drainage facilities. Livestock – provide vaccination immediately. Human- stay in protective environment.

Tamil Nadu

Yesterday's Cyclonic Circulation over Comorin area & neighbourhood now lies over Lakshadweep & neighbourhood and extends upto 3.1 km above mean sea level.

Weather forecast	Next five days	<ul style="list-style-type: none">• Day 1 (20-12-2023): Light to moderate rain is likely to occur at a few places over South Tamilnadu, at one or two places over North Tamilnadu, over Puducherry and Karaikal area. Heavy rain is likely to occur at one or two places over Kanyakumari, Tirunelveli, Thoothukudi, Ramanathapuram, Pudukkottai, Thanjavur, Tiruvarur and Nagapattinam districts of Tamilnadu.• Day 2 (21-12-2023) and Day 3 (22-12-2023): Light to moderate rain is likely to occur at a few places over South Tamilnadu, at one or two places over North Tamilnadu, over Puducherry and Karaikal area.• Day 4 (23-12-2023) and Day 5 (24-12-2023): Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area
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**Professor and Head
Agricultural Research Station
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