



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

## **DISTRICT LEVEL**

# **Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 029/2022**

For the period 0830 IST, 12<sup>th</sup> April 2022 to  
0830 IST, 17<sup>th</sup> April 2022

**Issued on Tuesday, 12<sup>th</sup> April 2022**

Issued by

DDGM, Regional Meteorological Centre, India Meteorological Department,  
Chennai in collaboration with TNAU and nine AMFU's of Agro climatic Zones of  
the Tamil Nadu state

## Agro climatic zones of the state

Sl. No	Agro climatic zone	Districts	Agro met field Unit (AMFU) location
1	Northeastern zone	Kanchipuram, Tiruvallur, Cuddalore Tiruvannamalai, Chennai, Villupuram , Vellore	Chennai
2	Northwestern zone	Dharmapuri, Krishnagiri, Salem and Namakkal	Namakkal
3	Western Zone	Erode, Tiruppur and Coimbatore,	Coimbatore,
4	Cauvery Delta zone	Thanjavur, Nagapattinam, Thiruvarur, Karur, Perambalur, Ariyalur and Tiruchirapalli.	Adudurai
5	Southern zone	Virudhunagar, Tirunelveli and Thoothugudi	Kovilpatti
6	South Zone	Pudukkottai, Madurai, Dindigul, Theni, Ramanathapuram and Sivagangai	Kannivadi
7	High rainfall zone	Kanyakumari	Pechiparai
8	Hilly zone	Nilgiris	Ooty
9	Coastal Zone	Karaikal and Pondicherry	Karaikal



## Past Weather Summary for the period 08.04.22 to 11.04.22 for the State of Tamilnadu & Puducherry

### Temperature:

Maximum Temperature of range **31°C – 39°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **17°C – 26°C** during the period.

Minimum temperature of range **22°C - 28°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **09°C - 12°C** during the same period.

### Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	11.04.22	Puducherry
Fairly widespread (Many places)	--	--
Scattered (Few Places)	09.04.22, 10.04.22 & 11.04.22 10.04.22	Tamil Nadu Puducherry
Isolated (One or Two Places)	08.04.22	Tamil Nadu
Dry	08.04.22 & 09.04.22	Puducherry

### Chief Amounts of Rainfall (in cms):-

**08.04.22** : Devakottai (dist Sivaganga), Rameswaram (dist Ramanathapuram) 3 each, Periyakulam (dist Theni), Mudukulatur (dist Ramanathapuram), Kadaladi (dist Ramanathapuram), Odanchatram (dist Dindigul), R.S.Mangalam (dist Ramanathapuram), Vattanam (dist Ramanathapuram) 1 each.

**09.04.22** : Kodaikanal (dist Dindigul) 7, Sattur (dist Virudhunagar), Cheranmahadevi (dist Tirunelveli), Neyveli AWS (dist Cuddalore), Perunchani Dam (dist Kanyakumari), Mimisal (dist Pudukkottai), Puthan Dam (dist Kanyakumari) 5 each, Periyar (dist Theni), Kayathar (dist Toothukudi), Kurinjipadi (dist Cuddalore), Ambasamudram (dist Tirunelveli), Bodinaickanur (dist Theni), Bhuvanagiri (dist Cuddalore), Kodaikanal Boat Club (dist Dindigul) 4 each, Palayamkottai (dist Tirunelveli), Kayathar Arg (dist Toothukudi), Kadambur (dist Toothukudi), Suralacode (dist Kanyakumari), Thekkadi (dist Theni), Erumapatti (dist Namakkal), Emeraldad (dist Nilgiris), Kovilankulam (dist Virudhunagar), Manamadurai (dist Sivaganga), Pulipatti (dist Madurai), Valparai Taluk Office (dist Coimbatore), Avalanche (dist Nilgiris), Manimutharu (dist Tirunelveli) 3 each, Kamudhi (dist Ramanathapuram), Eraniei (dist Kanyakumari), Ayikudi (dist Tenkasi), Periyanaickenpalayam (dist Coimbatore), Sivakasi (dist Virudhunagar), Vembakottai (dist Virudhunagar), Ketti (dist Nilgiris), Mettupatti (dist Madurai), Melur (dist Madurai), Chittar (dist Kanyakumari), Sivagiri (dist Tenkasi), Sivalaogam (dist Kanyakumari) 2 each, Krishnarayapuram (dist Karur), Virudhunagar (dist Virudhunagar), Sholayar (dist Coimbatore), Ponmalai

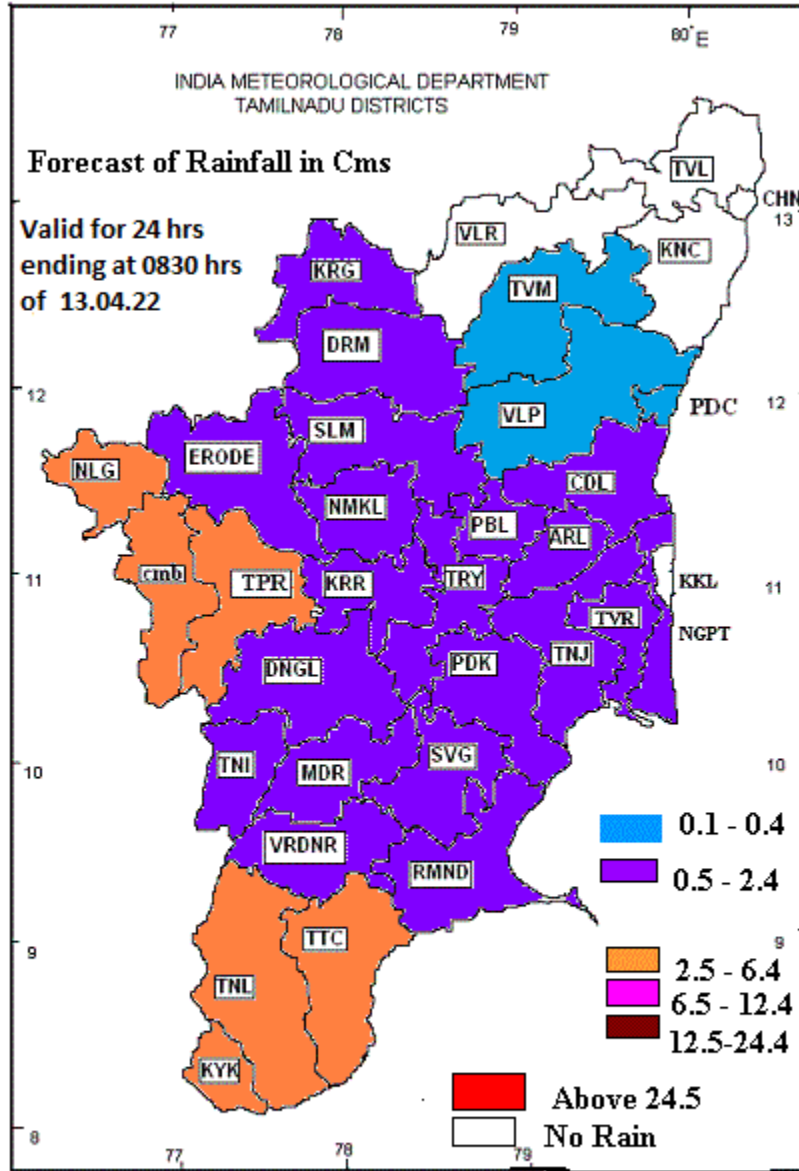
(dist Trichy), Mettupalayam (dist Coimbatore), Uttamapalayam (dist Theni), Chittampatti (dist Madurai), Rameswaram (dist Ramanathapuram), Andipatti (dist Theni), Vedaranyam (dist Nagapattinam), Mohanur (dist Namakkal), K Bridge (dist Nilgiris), Papanasam (dist Tirunelveli), Thenkasi (dist Tenkasi), Udumalpet (dist Tiruppur), Pechiparai (dist Kanyakumari), Uthagamandalam DRMS (dist Nilgiris), Aruppukottai (dist Virudhunagar), Pamban (dist Ramanathapuram), Colachel (dist Kanyakumari), Annur (dist Coimbatore), Pollachi (dist Coimbatore), Amaravathy Dam (dist Tiruppur), Coonoor (dist Nilgiris), Coonoor PTO (dist Nilgiris), Namakkal (dist Namakkal) 1 each.

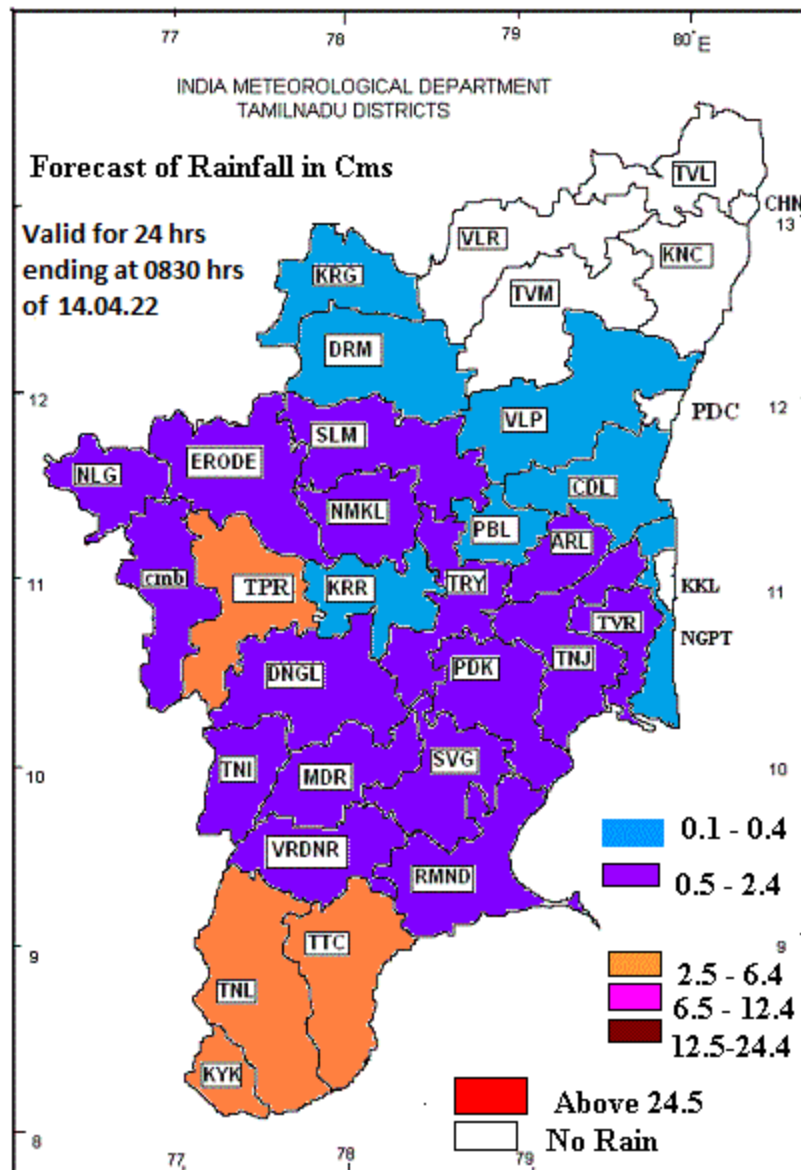
**10.04.22** : Watrap (dist Virudhunagar) 12, Gudalur (dist Theni) 10, Peraiyur (dist Madurai), Mimisal (dist Pudukkottai) , Vaigai Dam (dist Theni) 6 each, Kurinjipadi (dist Cuddalore) , Pilavakkal (dist Virudhunagar) , Sholavandan (dist Madurai) , Periyakulam (dist Theni) , Ayikudi (dist Tenkasi) , Thekkadi (dist Theni) 5 each, Virudhunagar (dist Virudhunagar), Kovilankulam (dist Virudhunagar) , Srivilliputhur (dist Virudhunagar), Pattukottai (dist Thanjavur) , Rajapalayam (dist Virudhunagar) , Arimalam (dist Pudukkottai) , Nagercoil (dist Kanyakumari) 4 each, Mohanur (dist Namakkal), Valparai Taluk Office (dist Coimbatore), Sethiathope (dist Cuddalore), Vadipatti (dist Madurai), Veerapandi (dist Theni), Vanur (dist Villupuram), Nilakottai (dist Dindigul), Uttamapalayam (dist Theni), Sholayar (dist Coimbatore), Sivagiri (dist Tenkasi) , Ottapadiram (dist Toothukudi) , Eraniel (dist Kanyakumari) , Madukkur (dist Thanjavur) , Thenkasi (dist Tenkasi), Tirumangalam (dist Madurai), Jayamkondam (dist Ariyalur), Kuzhithurai (dist Kanyakumari), Kulithalai (dist Karur), Bodinaickanur (dist Theni), Andipatti (dist Theni) 3 each, Srimushnam (dist Cuddalore) , Periyar (dist Theni), Kundha Bridge (dist Nilgiris) , Sirkali (dist Mayiladuthurai) , Suralacode (dist Kanyakumari) , Radhapuram (dist Tirunelveli) , Illuppur (dist Pudukkottai) , Perunchani Dam (dist Kanyakumari) , Kamatchipuram (dist Dindigul) , Satankulam (dist Toothukudi) , Srivaikuntam (dist Toothukudi) , Chinnakalar (dist Coimbatore), Karur (dist Karur) , Muthupet (dist Tiruvarur) , Kadaladi (dist Ramanathapuram) , Valparai PTO (dist Coimbatore) , Devakottai (dist Sivaganga) , Adirampatnam (dist Thanjavur) , Usilampatti (dist Madurai) , Manamelkudi (dist Pudukkottai) , Aravakurichi (dist Karur) , Aranmanaipudur (dist Theni) , Maniyachi (dist Toothukudi) , Mettupatti (dist Madurai) , Virudachalam (dist Cuddalore) , Pechiparai (dist Kanyakumari) , Peravurani (dist Thanjavur) , Tiruvarur (dist Tiruvarur) 2 each, Kodaikanal (dist Dindigul) , Manalmedu (dist Mayiladuthurai) , Vembakottai (dist Virudhunagar) , Keeranur (dist Pudukkottai) , K.m.koil (dist Cuddalore) , Mannargudi (dist Tiruvarur) , Kollidam (dist Mayiladuthurai) , Vilupuram (dist Villupuram) , Trichy Town (dist Trichy) Sivaganga (dist Sivaganga) , Nannilam (dist Tiruvarur) , Dindigul (dist Dindigul) , Thanjai Papanasam (dist Thanjavur) , Pandavaiyar Head (dist Tiruvarur) , Natham (dist Dindigul) , Bhoothapandy (dist Kanyakumari) , Panruti (dist Cuddalore) , Thiruthuraipoondi (dist Tiruvarur) , Mylaudy (dist Kanyakumari) , Colachel (dist Kanyakumari) , Cuddalore (dist Cuddalore) , Sivakasi (dist Virudhunagar) , Needamangalam (dist Tiruvarur) , Kovilpatti (dist Toothukudi) , Udumalpet (dist Tiruppur) , Mayanur (dist Karur) , Ketti (dist Nilgiris) , Virudunagar Aws (dist Virudhunagar) , Orthanad (dist Thanjavur) , Trichy AP (dist Trichy), Krishnarayapuram (dist Karur) , Ariyalur (dist Ariyalur) , Paramakudi (dist Ramanathapuram), Kodavasal (dist Tiruvarur) 1 each.

**11.04.22** : Srivaikuntam (dist Toothukudi), Rameswaram (dist Ramanathapuram), Mylaudy (dist Kanyakumari) 6 each, Kayalpattinam (dist Toothukudi), Ettayapuram (dist Toothukudi), Kovilankulam (dist Virudhunagar), R.S.Mangalam (dist Ramanathapuram), Kurungulam (Thanjavur) 5 each, Karaikal (dist Karaikal), Thenkasi (dist Tenkasi), Pattukottai (dist Thanjavur), Perunchani Dam (dist Kanyakumari) , Suralacode (dist Kanyakumari), Tondi (dist Ramanathapuram) 4 each, Pamban (dist Ramanathapuram), Ayikudi (dist Tenkasi), Tirupoondi (dist Nagapattinam), Satankulam (dist Toothukudi) , Thuckalay (dist Kanyakumari) , Nagercoil (dist Kanyakumari) , Madukkur (dist Thanjavur) , Tiruchendur (dist Toothukudi) , Bhoothapandy (dist Kanyakumari) Vedaranyam (dist Nagapattinam) 3 each, Mimisal (dist Pudukkottai) ,

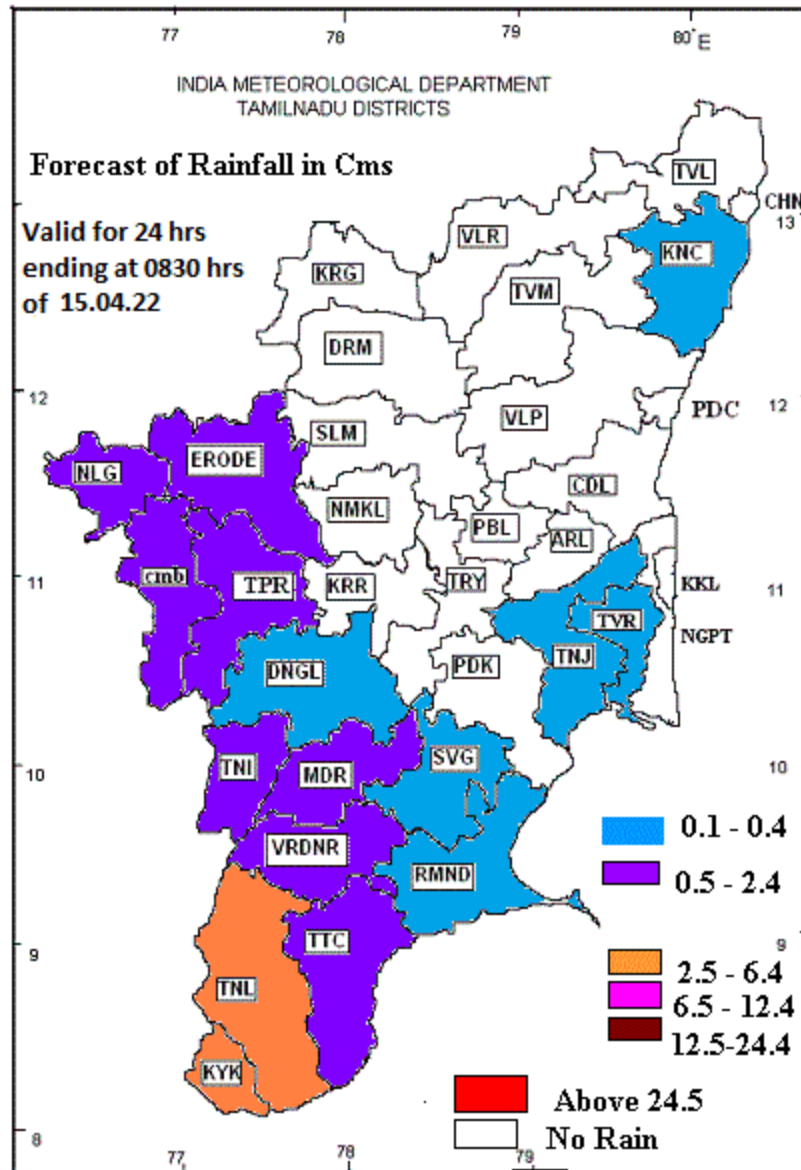
Ottapadiram (dist Toothukudi) , Valinokam (dist Ramanathapuram), Sivagiri (dist Tenkasi) , Avudayarkoil (dist Pudukkottai) , Kovilpatti (dist Toothukudi) , Madurai South (dist Madurai) , Nagapattinam (dist Nagapattinam) , Gandarvakottai (dist Pudukkottai) , Kadaladi (dist Ramanathapuram) , Muthupet (dist Tiruvarur) , Vattanam (dist Ramanathapuram) Madurai Airport (dist Madurai) , Mettupatti (dist Madurai) , Adirampatnam (dist Thanjavur) , Cheranmahadevi (dist Tirunelveli) , Karaikudi (dist Sivaganga) , Pechiparai (dist Kanyakumari) 2 each, Devakottai (dist Sivaganga) , Kottaram (dist Kanyakumari) , Tirumayam (dist Pudukkottai) , Sankarankoil (dist Tenkasi) , Mannargudi (dist Tiruvarur) , Surangudi (dist Toothukudi) , Pilavakkal (dist Virudhunagar) , Kanyakumari (dist Kanyakumari) , Vilathikulam (dist Toothukudi) , Manamelkudi (dist Pudukkottai) , Palayamkottai (dist Tirunelveli) , Thoothukudi Port AWS (dist Toothukudi) , Valangaiman (dist Tiruvarur) , Aruppukottai (dist Virudhunagar) , Tuticorin (dist Toothukudi) , Mandapam (dist Ramanathapuram) , Kariyapatti (dist Virudhunagar) , Rajapalayam (dist Virudhunagar) , Arantangi (dist Pudukkottai) , Maniyachi (dist Toothukudi) , Cuddalore (dist Cuddalore) , Neyveli AWS (dist Cuddalore) , Thalaignayer (dist Nagapattinam) , Alangudi (dist Pudukkottai) , Orthanad (dist Thanjavur) , Kadambur (dist Toothukudi) , Sattur (dist Virudhunagar) , Thanjavur (dist Thanjavur) , Thiruidaimaruthur (dist Thanjavur) 1 each.

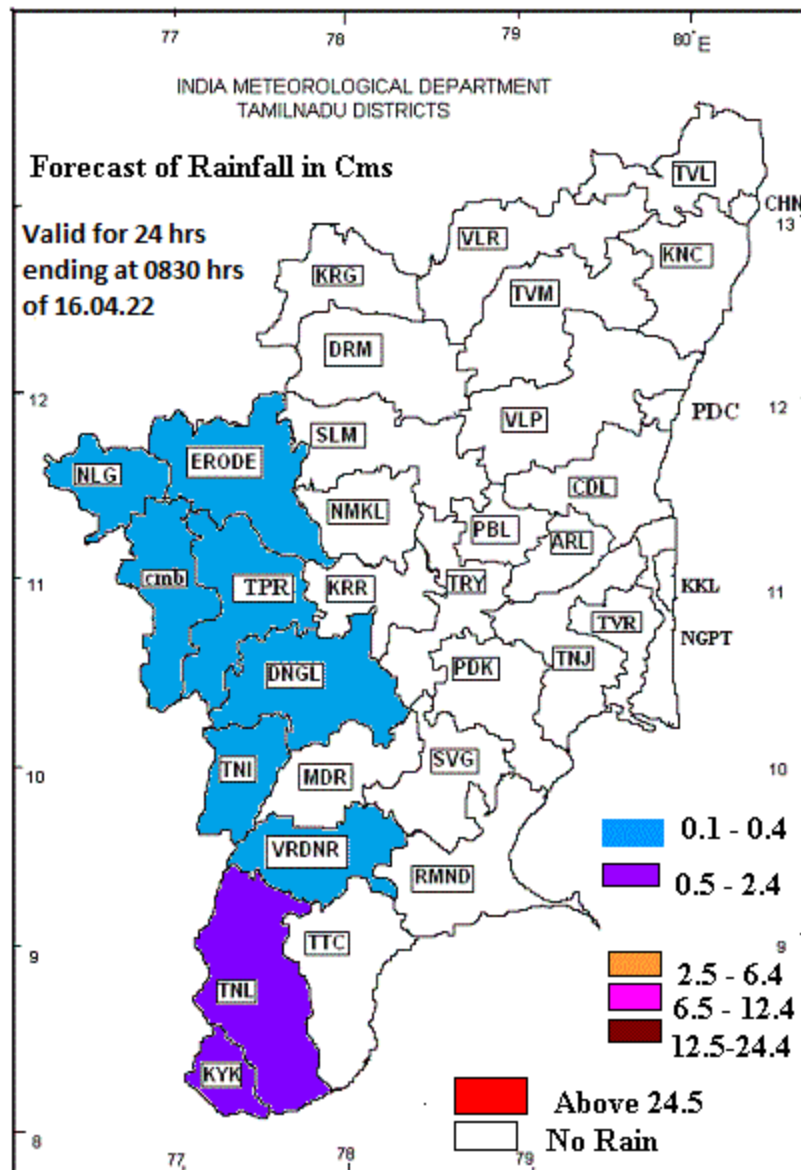
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 12.04.22  
VALID FOR THE NEXT 5 DAYS**

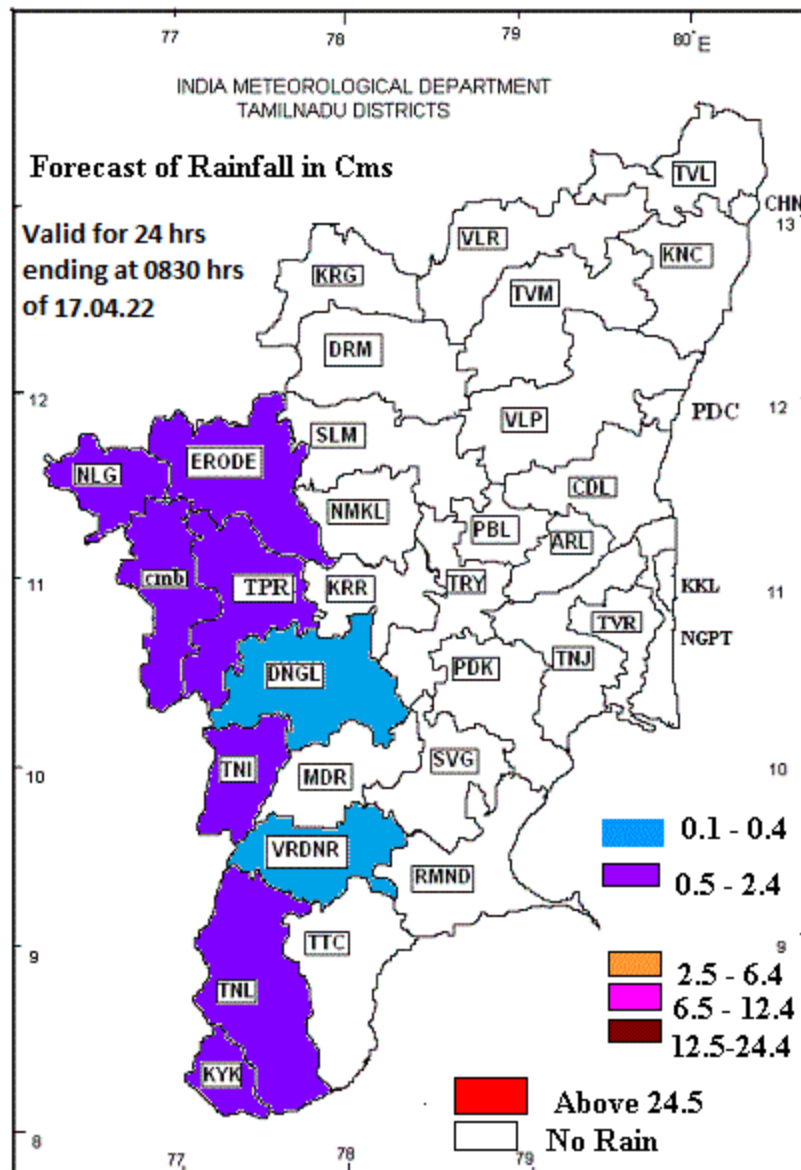












## Districtwise Agromet Advisories

### Chennai

SMS Advisory: Any bruises or wound noticed must be given first aid with fly repellent or neem oil with necessary veterinary care. Livestock Advisory 1. To avoid heat stress in livestock they must allowed for grazing in the morning hours and in the evening hours to avoid exposure to hot sun. 2. To avoid heat stress in high yielders and other dairy animals frequent bath or water splashing in the hot period. Moverover provide cool drinking potable drinking water to livestock. 3. In rabbit a cool environment may be provided by splashing water in the sides of the shelter. If possible amla mixed water may be provided to rabbit 4. Buffaloes can be allowed for wallowing. 5. Fresh green tree fodder or silage may be fed to cattle and calves during summer 6. In summer regular removal of dry and solid waste must be followed to avoid fly breeding 7. Special care must be undertaken during summer to avoid mastitis in dairy cattle.

### Kancheepuram

From the extended range forecast of IMD, below normal rainfall, normal maximum temperature and minimum temperature expected for the period of 17.04.2022 to 23.04.2022 over Tamil Nadu and Pondicherry region. On 15.04.2022, by viewing rainfall forecast farmers may postponed. Farmers are advised to irrigate their crop fields depends on the soil moisture availability. Farmers are advised to vaccinate their poultry birds against ranikhet disease in nearby veterinary dispensary.

Crop(Varieties)	Crop Specific Advisory
RICE	Farmers are advised monitor the infestation of thrips in paddy nursery fields. If symptoms are observed farmers may spray Phosphamidon 40 SL @ 50 ml.
GROUNDNUT	There are possibilities of dry root rot infestation in groundnut. For management Spot drenching with Carbendazim 1g/lit or apply Trichoderma viride 2.5kg/ha with 50 kg of FYM.
OKRA/ LADYFINGER	There are possibilities of white fly transmitting vein-clearing / Yellow Vein Mosaic virus disease infestation in bhendi. For the management of vector farmers may spray Chlorpyrifos 2.5 ml + neem oil 2 ml lit of water.
Horticulture(Va rieties)	Horticulture Specific Advisory
CHILLI	There are possibilities of thrips infestation in chilli crops. For management farmers are advised to spray Emamectin benzoate 5 % SG @ 4g/tank of water.
BRINJAL	There are possibilities of fruit and shoot borer infestation in brinjal crop. For management farmers are advised to spray Emamectin benzoate 5 % SG @ 4 gram/10 liter of water.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Farmers are advised to deworm the calves in nearby by veterinary dispensary. Farmers may provide mineral mixture @ 30-50 g/animal to improve the milk fat content.
GOAT	Farmers are advised to provide green/tree leaves with concentrate feed to goats for balanced ration to improve the body weight. Farmers are advised to provide mineral block to sheep and goat shed to improve growth rate in animals.

Fisheries(Varieties)	Fisheries Specific Advisory
INLAND	Farmers may follow the fish pond feeding at 7.00-8.00 AM in morning and 4.00-5.00 PM in evening. Fish farmers are advised to observe the water Colour and odour of water, if any dark green colour and unwanted odour is observed follow 10-20% water exchange to remove the debris.
COMMON FISH	Farmers are advised to maintain the fish/prawn water transparency of 30-45 cm regularly and also advised to use inorganic or organic manure to maintain the natural productivity.
ORNAMENTAL FISH	In ornamental fish culture, growers are advised to use more of aquatic plants in fish tanks to hide and for better protective nature.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Provide B-Complex liquid supplementation through drinking water to poultry birds to combat heat stress. Farmers are advised protect the poultry sheds by hanging jute bags dipped in water around the sheds to reduce heat stress.

### Villupuram

SMS Advisory: Any bruises or wound noticed must be given first aid with fly repellent or neem oil with necessary veterinary care. Livestock Advisory: 1. To avoid heat stress in livestock they must allowed for grazing in the morning hours and in the evening hours to avoid exposure to hot sun. 2. To avoid heat stress in high yielders and other dairy animals frequent bath or water splashing in the hot period. Moreover provide cool drinking potable drinking water to livestock. 3. In rabbit a cool environment may be provided by splashing water in the sides of the shelter. If possible amla mixed water may be provided to rabbit 4. Buffaloes can be allowed for wallowing 5. Fresh green tree fodder or silage may be fed to cattle and calves during summer 6. In summer regular removal of dry and solid waste must be followed to avoid fly breeding 7. Special care must be undertaken during summer to avoid mastitis in dairy cattle. Agricultural advisory Rice: Alage in paddy field reduces the growth of crops. To control apply, 2 kg of coppersulphate mix with sand.2. Due to prevailing weather condition leaf folder and stem borerinfestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours. Sugarcane: Due to prevailing weather condition changes of sugarcane early shoot borer infection. Tocontrol spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l). Cashew: To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) atflushing stage, second spraying with chlorpyriphos 2.0 ml/lit at flowering and thirdspraying with profenophos 1.0 ml/lit at fruit set stage Banana: Normally summer rain accompanied with squally wind. Therefore stacking may be given to be five months old and above banana crops.

### Tiruvannamalai

SMS Advisory: Any bruises or wound noticed must be given first aid with fly repellent or neem oil with necessary veterinary care. Livestock Advisory: 1. To avoid heat stress in livestock they must allowed for grazing in the morning hours and in the evening hours to avoid exposure to hot sun. 2. To avoid heat stress in high yielders and other dairy animals frequent bath or water splashing in the hot period. Moreover provide cool drinking potable drinking water to livestock. 3. In rabbit a cool environment may be provided by splashing water in the sides of the shelter. If possible amla mixed water may be

provided to rabbit 4. Buffaloes can be allowed for wallowing 5. Fresh green tree fodder or silage may be fed to cattle and calves during summer 6. In summer regular removal of dry and solid waste must be followed to avoid fly breeding 7. Special care must be undertaken during summer to avoid mastitis in dairy cattle. Agricultural advisory Rice If deficiency symptom appears in the field, foliar spray of 0.5 % ZnSo<sub>4</sub>+1.0% urea can be given at 15 days interval until the symptoms disappear. Redgram Present weather condition is favorable for marucca (Spotted pod Borer). Early instars of this pod borer will eat the flower buds. To control this, spray chlorophyriphos @ 2.5 ml / litre. Chilli Prevailing weather condition is favorable for thrips incidence in chilli. The symptom of damage is infected leaves develop crinckles and curl upwards. Hence farmers are requested to monitor the field and spray fipronil 1.5ml/litre. Banana To control panama wilt in banana, soil drenching with copper oxy chloride 2 g/litre. Coconut To control Rugose Spiraling Whitefly in coconut, spray neem oil@10ml or azadiractin 1%@5ml/litre or Installation of yellow sticky traps ( 5ft. X 1.5 ft.) smeared with castor oil @ 5ml ac. To control rhinoceros beetle in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown Papaya To control aphids in papaya , spray Imdachloprid @ 0.5 ml / litre.

## Vellore

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be receive below normal rainfall and normal temperature for the period of 17.04.2022 to 23.04.2022. Prevailing weather condition is favorable for sucking pest incidence for all crops. Farmers are advised to monitor their field and take necessary plant protection measures based on symptoms of damage. Dry weather may be expected on forthcoming days. So, farmers are advised irrigate the field based on soil moisture and harvest the matured crops like Rice and pulses.

Crop(Varieties)	Crop Specific Advisory
RICE	If deficiency symptom appears in the field, foliar spray of 0.5 % ZnSo <sub>4</sub> +1.0% urea can be given at 15 days interval until the symptoms disappear. Rice ear head bug in rice symptom of sucking the sap from individual grains, which are in milky stage. Individual grains become chaffy. To Control ear head bug in rice Spray thiamethoxam 1gm/ litre of water and Notchi leaf extract 10 %.
PIGEON PEA (RED GRAM/ARHAR)	Present weather condition is favorable for marucca (Spotted pod Borer). Early instars of this pod borer will eat the flower buds. To control this, spray chlorophyriphos @ 2.5 ml / litre.
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Prevailing weather condition is favorable for thrips incidence in chilli. The symptom of damage is infected leaves develop crinckles and curl upwards. Hence farmers are requested to monitor the field and spray fipronil 1.5ml/litre.
BANANA	To control panama wilt in banana, soil drenching with copper oxy chloride 2 g/litre.
COCONUT	To control Rugose Spiraling Whitefly in coconut, spray neem oil@10ml or azadiractin 1%@5ml/litre or Installation of yellow sticky traps ( 5ft. X 1.5 ft.) smeared with castor oil @ 5ml ac. Drought management and soil moisture conservation: Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 m radius around the palms as mulch for soil moisture conservation particularly

	during summer season.
PAPAYA	To control aphids in papaya , spray Imidachloprid @ 0.5 ml / litre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	A farmer maintaining in one acre of land 10 dairy cows cultivate green grass like cumbu napier greens, co-4,& co-5 fodder sorghum like cofs-29,cofs-31 and fodder like velimasal, Agathi subabul,clyricidiya and mulberry.
GOAT	Farmers maintaining 10 numbers of sheeps or goats can cultivate green grass like cumbu napier, co-4, multicut sorghum fodder cofs-29 velimasal, agathi and cowpea each in two cent of land and also cultivate subabul and mulberry in bunds so as to provides green grass through got a year.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Farmers can grow nature chicken variety for eggs purpose like Gramapriya, Namakkal, Nanthanam-4, Kairali and Srinithi and can rear chicken for meat Variety like Siruvidai, Peruvidai,Krishipro and Nanthanam broiler-3.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Before crop sowing soil testing to be done. Required of fertilizers may be applied cast will be reduced. Summer ploughing to be done. Due to summer ploughing insect and soil born pathogen will be destroyed and crop damaged will be minimized.

### Cuddalore

From extended range forecast below normal rainfall, normal maximum temperature and minimum temperature expected for the period of 17.04.2022 to 23.04.2022 over Tamil Nadu. Provide proper drainage to crops and irrigate crop based on the soil moisture.

Crop(Varieties)	Crop Specific Advisory
RICE	1. Alage in paddy field reduces the growth of crops. To control apply, 2.0 kg of copper sulphate mix with sand. 2.Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.
SUGARCANE	Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spraychlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2

	ml/l).
CASHEW	To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyriphos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.
BANANA	Normally summer rain accompanied with squally wind. Therefore stacking may be given to be five months old and above banana crops.
Live Stock(Varieties )	Live Stock Specific Advisory
GOAT	Farmers are advised to apply Butox solution (2.0 ml in 1 litre water) externally to remove ecto-parasites in sheep and goats

### Coimbatore

#### Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall along with lightning and thunder is expected in western zone districts. Postpone irrigation to all crops and apply crop residue mulch to reduce water loss through evaporation. Summer ploughing against the slope is advised to conserve the anticipated rain.
Cumbu	Sowing	Since rain is anticipated, sowing of irrigated Cumbu may be continued. Seeds harden with 2% KCl solution (16 hours soaking 5 hours shade dry) may be done before sowing.
Groundnut		Prevailing weather is favorable for the tikka leaf spot incidence in Groundnut. Spray Carbendazim @ 500 gram or Mancozeb @ 1000 gram per ha.
Banana		Normally summer rain accompanied with squally wind. Therefore stacking may be given to be five months old and above banana crops.
Turmeric	Land preparation	Considering the prevailing weather ploughing may be done for planting Turmeric and apply FYM @ 12.5 tons per hectare.
Coconut		Basin of Coconut may be harrowed with spade and khurpi or hand hoe to conserve rain water received from anticipated rainfall.
Animal		Summer rain may accompanied with thunders and lightening. Hence do not allow animals for a open grazing during the rain hours. Farmers are requested to cut off the power connection to the cattle and poultry sheds during thunderstorm and lightening. Further requested to safeguard the fodder and food materials from the rain.

#### SMS advisory

Light to moderate rainfall along with lightning and thunder is expected. Summer ploughing against the slope is advised to conserve the anticipated rain.



## Erode

### Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall along with lightning and thunder is expected in western zone districts. Postpone irrigation to all crops and apply crop residue mulch to reduce water loss through evaporation. Summer ploughing against the slope is advised to conserve the anticipated rain.
Cumbu	Sowing	Since rain is anticipated, sowing of irrigated Cumbu may be continued. Seeds harden with 2% KCl solution (16 hours soaking 5 hours shade dry) may be done before sowing.
Groundnut		Prevailing weather is favorable for the tikka leaf spot incidence in Groundnut. Spray Carbendazim @ 500 gram or Mancozeb @ 1000 gram per ha.
Cotton	Sowing	This is the best time for sowing irrigated cotton. Delinted seed may be sown after the seed treatment with Trichoderma viridie followed by Azophos biofertilizer.
Banana		Normally summer rain accompanied with squally wind. Therefore stacking may be given to be five months old and above banana crops.
Turmeric	Land preparation	Considering the prevailing weather ploughing may be done for planting Turmeric and apply FYM @ 12.5 tons per hectare.
Coconut		Basin of Coconut may be harrowed with spade and khurpi or hand hoe to conserve rain water received from anticipated rainfall.
Animal		Summer rain may accompanied with thunders and lightening. Hence do not allow animals for a open grazing during the rain hours. Farmers are requested to cut off the power connection to the cattle and poultry sheds during thunderstorm and lightening. Further requested to safeguard the fodder and food materials from the rain.

### SMS advisory

Light to moderate rainfall along with lightning and thunder is expected. Summer ploughing against the slope is advised to conserve the anticipated rain.

## Tiruppur

### Agro advisory

Crop	Stage	Advisory
General		Light to moderate rainfall along with lightning and thunder is expected in western zone districts. Postpone irrigation to all crops and apply crop residue mulch to reduce water loss through evaporation. Summer ploughing against the slope is advised to conserve the anticipated rain.
Groundnut		Prevailing weather is favorable for the tikka leaf spot incidence in Groundnut. Spray Carbendazim @ 500 gram or Mancozeb @ 1000 gram

		per ha.
Cotton	Sowing	This is the best time for sowing irrigated cotton. Delinted seed may be sown after the seed treatment with Trichoderma viridie followed by Azophos biofertilizer.
Banana		Normally summer rain accompanied with squally wind. Therefore stacking may be given to be five months old and above banana crops.
Coconut		Basin of Coconut may be harrowed with spade and khurpi or hand hoe to conserve rain water received from anticipated rainfall.
Animal		Summer rain may accompanied with thunders and lightening. Hence do not allow animals for a open grazing during the rain hours. Farmers are requested to cut off the power connection to the cattle and poultry sheds during thunderstorm and lightening. Further requested to safeguard the fodder and food materials from the rain.

#### SMS advisory

Light to moderate rainfall along with lightning and thunder is expected. Summer ploughing against the slope is advised to conserve the anticipated rain.

### Nilgiris

#### Agro Advisory

Crop	Stage	Advisory
General		Due to rainfall and high humidity, farmers are advised to drenching of bavistin @ 2g/lit to prevent wilt diseases in vegetable crops.
		As there is forecast for cloudy weather, there may be chances for the spread of fungal diseases. Farmers are advised to adopt remedial measures.
Potato		Due to cloudy weather prevailing presently, growers are advised to spray systemic and contact fungicides once in 7 days interval to control late blight in potato.
Carnation		Due to prevailing weather, to control Fusarium wilt in carnation, Iprodione 25% + Carbendazim 25% WP may be preferably sprayed .
Plantation		As the sky is expected to be cloudy, there may be chances for the spread of blister blight in tea, the growers are requested to spray copper oxy chloride 85 g + tilt 80 ml/ac to control the blister blight in tea.

#### SMS advisory

Due to rainfall and high humidity, farmers are advised to drenching of bavistin @ 2g/lit to prevent wilt diseases in vegetable crops.

### Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

#### Agro Advisory

Crop	Stage	Advisory
Rice	Harvest	Farmers are advised to provide adequate drainage facilities after rain harvest the paddy crop and temporarily stored it in the raised area in the farm.

Pulses	Harvest	Harvest the matured blackgram and greengram plants.
Tree		Pruning of fruit trees and cutting of excess branches maybe done to avoid lodging of tress. Provide support with wooden poles to avoid lodging of tress.
vegetable crops		Provide adequate drainage facilities to all the vegetable crops grown in the Delta region
Cattle	Cow	The expected rain favours pneumonia in calves and kids and advised to prevent them by avoiding expose to rain water.

SMS advisory

Harvest the matured blackgram and greengram plants.

### Dindigul

Heavy Rainfall Warning: Heavy to Very Heavy rain on 13 April 2022 and Heavy rain on 14, 15 April 2022. is likely to occur at isolated places over the South Tamil Nadu. THUNDERSTORM WARNING: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu during 13 to 15 April 2022.

Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. Chances of Moderate rain on 13, 14 Apr & light rain during 15, 16, 17 Apr. Max temp-33°C-36°C & Min temp -25°C-26°C. Generally cloudy sky for next 5 days. Wind speed 6 kmph from SW & SE directions.

Crop(Varieties)	Crop Specific Advisory
COTTON	For the Cotton crop, if the basal application was not given or cannot be done, fertilizer canbe applied on the 25th day after sowing. For varieties, apply 50% of Nitrogen (N) and Potassium (K) with the full dose of Phosphorus (P) as basal and the remaining 50% of N and K at 40–45th days after sowing. For hybrids, apply N in three splits viz., basal, 45 and 65 DAS. Foliar applications of 2% DAP + 1% KCl or Polyfeed and Multi K may be sprayed to improve the yield.
RICE	Due to the prevailing weather condition, the incense of Bacterial Leaf Blight in Paddy. It infects the paddy after 3-4 weeks of planting. In paddy, water-soaked to yellowish stripes on leaf blades or starting at leaf tips then later increase in length and width with a wavy margin, Lessions are seedling wilt, turn yellow to white as the disease advances. If the cut end of the leaf is kept in water it becomes turbid because of bacterial ooze. To control this, spray Neem oil 60 EC 3% (or) NSKE 5% or fresh cow dung extract 20% twice (starting from the initial appearance of the disease and another at a fortnightly interval) is recommended for the control of sheath rot, sheath blight, grain discolouration and bacterial

	blight.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Due to the recent summer rain, the prevailing weather condition is favourable for developing of Aplatoxin infection in the Corn kernels and Paddy Straw, which may affect the health of your cattle. To avoid the infection, check and dry the Corn kernels and Paddy Straw before feeding.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
LAND PREPARATION	Rainfall occurred in a few places during the past few days, and rain is also forecasted for the coming days, farmers are advised to start summer plough work to increase the capacity of the soil to absorb the rainwater and by overturning the soil, the sharp rays of sun enters the soil and kills the eggs, larvae, and pupae of soil-borne insects and pests.

### Madurai

Heavy Rainfall Warning: Heavy to Very Heavy rain on 13 April 2022 and Heavy rain on 14, 15 April 2022. is likely to occur at isolated places over the South Tamil Nadu. THUNDERSTORM WARNING: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu during 13 to 15 April 2022.

Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. Chances of Moderate rain during 13, 14 & 15 Apr. Max temp-36°C-39°C & Min temp -25°C-27°C. Generally cloudy sky for next 5 days. Wind speed 6 kmph from SW & SE directions.

Crop(Varieties)	Crop Specific Advisory
SUGARCANE	Due to the prevailing weather condition, the incidence of early shoot borer is expected in Sugarcane. The dead heart occurrence is more in 1-3 months old crops. Caterpillar bores into the central shoot and feeds on the internal tissue causing a dead heart, which can be easily pulled out. To control this, spray Fipronil @ 35ml + Sticky agent @ 10ml with 10 litres of water.
COTTON	At this stage, the problem of flower and tender pod or square shedding is noticed in the cotton crop. To avoid this, farmers are advised to go with a foliar spray of TNAU Cotton Plus @ 2.5 kg/acre in 200 litres of water during the flowering and at the boll formation stages. It reduces the flower and square shedding, improves boll bursting, increases seed cotton yield and imparts drought tolerance capacity to the crop.
COW	Due to the recent summer rain, the prevailing weather condition is favourable for developing of Aplatoxin infection in the Corn kernels and Paddy Straw, which may affect the health of your cattle. To avoid the infection, check and dry the Corn kernels and Paddy Straw before feeding.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory

LAND PREPARATION	Rainfall occurred in a few places during the past few days, and rain is also forecasted for the coming days, farmers are advised to start summer plough work to increase the capacity of the soil to absorb the rainwater and by overturning the soil, the sharp rays of sun enters the soil and kills the eggs, larvae, and pupae of soil-borne insects and pests.
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### Pudukottai

Extended Range Forecast For Tamil Nadu 17 .03.2022 to 23. 04.2022 (:During the Week from 17 th to 23 th April Rainfall Normal . Maximum temperature and minimum temperature Normal is likely to occur over

Tamilnadu. As rains are expected, the drying of Black gram and green gram seed in open can be avoided.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Treat the seeds with Carbendazim or Thiram @ 2 g/kg of seed 24 hours before sowing (or) with talc formulation of Trichoderma viride @ 4g/kg of seed (or) Pseudomonas fluorescens @ 10 g/kg seed. Bio control agents are compatible with biofertilizers. First treat the seeds with Biocontrol agents and then with Rhizobium. Fungicides and biocontrol agents are incompatible. Note: Seed treatment will protect the seedlings from seed borne pathogens, root-rot and seedlings diseases.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Farmers are requested to apply 20 gram of each Azospirillum and Phosphobacteria to 5 months old banana plants. by using expected light rain
COCONUT	Basin of Coconut may be harrowed with spade and khurpi or hand how to conserve rain water received from anticipated rainfall.
GUAVA	Due to the prevailing weather condition the incidence of Fruit Fly is expected in Guava. The symptoms of damage appear on fruits. The fruit fly adults and maggots attack the semi-ripen fruits, ovipositor punctures are found on fruits and maggots destroys the pulp and a bad smell comes out of it. To control this, set up pheromone trap. Fill a 5 litre bucket with 3 litres water + 2dry fish + 50gm Jagery + 2 well rotten Banana + 1kg castor cake + 2 pieces of Pineapple and fix it as 12 Nos per Acre.
BANANA	Due to the prevailing weather condition, incense of yellow sigatoka disease in Banana, the symptoms are, slight discoloration between the leaf's secondary veins. Over a period of time these points develop into pale yellow streaks, brown streaks and elliptic necrotic spots arranges parallel to the secondary veins. This disease spread rapidly. To control this, add 10gms of Pseudomonas Fluorescence + 10gms of Bacillus Subtilis + 10 ml of Panchakavya + 5gms of Jaggery in one litre of water and spray it during the morning or evening hours.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Summer rain may be accompanied with thunders and lightening, hence animals may not be allowed for open grazing during the rain hours. Vaccination against the ranikot disease of poultry may be done in nearby veterinary hospital .

GOAT	Farmers are advised to deworm their goats for Round / Tap Worms for the month of April/June. The deworming should be done in the morning and the goat should be on an empty stomach.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Raising of green manure crops like dhaincha, sunhemp and kalonji can be done by utilizing the rainfall.
GENERAL ADVICE	Areas around Pudukkottai district have received light to moderate rains over the last two days. Water infiltration will increase as the groove formed during plough will retain water. Across the slope plough ditches prevent water from flowing and reduce its directional velocity and increase stagnation capacity. Also store rainwater received before sowing.

### Ramanathapuram

Changing weather condition is favourable for ectoparasites in livestock so apply de-ticking solution like cypermethrin 1% (clinar) externally. Light rainfall expected for next five days So farmers are advised to harvest the mature crop immediately and then store harvest produce at safe place.

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to the prevailing weather conditions incidence of stem weevil is expected in cotton. The damage symptoms are swellings on the stem just above the ground level and Older plants that survive lack vigor and strength, breaks at the nodes due to strong wind. If damage symptoms are observed 10% of ETL uproot and destroy the infested plants and drenching collar region with chlorpyrifos 2.5ml/1 liters of water
COTTON	Due to the prevailing weather condition incidence of mealy bug is expected in cotton. The damage symptoms are heavy clustering of mealy bugs usually seen under surface of leaves as a thick mat with waxy secretion and excrete copious amount of honey dew on which the fungus sooty mould grow Affected plants appear sick and black, resulting reduced fruiting capacity. If symptoms are observed in cotton field apply neem oil 2% or fish oil rosin soap 25g/liter of water or Profenophos 800ml/ac.

### Sivagangai

Heavy Rainfall Warning: Heavy to Very Heavy rain on 13 April 2022 and Heavy rain on 14, 15 April 2022. is likely to occur at isolated places over the South Tamil Nadu. THUNDERSTORM WARNING: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu during 13 to 15 April 2022.

Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. Chances of Moderate rain on 13, 14 Apr & light rain on 15 Apr. Max temp -34°C-36°C & Min temp -27°C-28°C. Generally cloudy sky for next 5 days. Wind speed 6 - 8 kmph from SE& SW directions.

Horticulture(Varieties)	Horticulture Specific Advisory
GUAVA	Due to the prevailing weather condition, the incidence of Fruit flies is expected in Guava. The symptoms of damage appear on fruits. The fruit fly adults and maggots attack the semi-ripen fruits, ovipositor punctures are found on fruits and maggots destroy the pulp and a bad smell comes out of it. To control this, set up pheromone traps. Fill a 5-litre bucket with 3 litres water + 2dry fish + 50gm Jaggery + 2 well rotten Banana + 1kg castor cake + 2 pieces of Pineapple and fix it as 12 Nos per Acre.
BRINJAL	Due to the prevailing weather condition, to manage the pest occurrence in vegetable fields, farmers are advised to install Solar light traps @ 1 No. per acre, Pheromone trap @ 8Nos. per acre and Yellow sticky traps @ 8Nos. per acre. To prevent diseases, apply Trichoderma Viride @1kg per 500kg of farmyard manure during the last ploughing.
COW	Due to the recent summer rain, the prevailing weather condition is favourable for developing of Aplatoxin infection in the Corn kernels and Paddy Straw, which may affect the health of your cattle. To avoid the infection, check and dry the Corn kernels and Paddy Straw before feeding
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
LAND PREPARATION	Rainfall occurred in a few places during the past few days, and rain is also forecasted for the coming days, farmers are advised to start summer plough work to increase the capacity of the soil to absorb the rainwater and by overturning the soil, the sharp rays of sun enters the soil and kills the eggs, larvae, and pupae of soil-borne insects and pests.

### Theni

Heavy Rainfall Warning: Heavy to Very Heavy rain on 13 April 2022 and Heavy rain on 14, 15 April 2022. is likely to occur at isolated places over the South Tamil Nadu. THUNDERSTORM WARNING: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu during 13 to 15 April 2022.

Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. Chances of Moderate rain during 13, 14, 15 Apr & light rain on 16, 17 Apr. Max temp-33°C-35°C & Min temp -23°C-25°C. Generally cloudy sky for next 5 days. Wind speed 6 kmph from SW & SE directions.

Crop(Varieties)	Crop Specific Advisory
JASMINE	Due to the prevailing weather condition, the incense of Collar rot and Root rot in Jasmine. Plants at all stages are infected. First, the older leaves become yellow followed by younger leaves and finally, the plant dies. Black discolouration can be seen on the root. On the infected tissues and stem surface, white strands of mycelia and mustard-like sclerotia are seen. Heavy application of FYM with Trichoderma viride will give a good result.

Horticulture(Varieties)	Horticulture Specific Advisory
Drumstick	Drumstick cultivating farmers are advised to follow the fertilizer recommendation for the annual Moringa crop. A fertilizer dose of 45:16:30 gram of NPK per pit may be applied 3 months after sowing. Apply 45g of Nitrogen per pit after 6 months when the crop is in the bearing stage.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Due to the recent summer rain, the prevailing weather condition is favourable for developing of Aplatoxin infection in the Corn kernels and Paddy Straw, which may affect the health of your cattle. To avoid the infection, check and dry the Corn kernels and Paddy Straw before feeding.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
LAND PREPARATION	Rainfall occurred in a few places during the past few days, and rain is also forecasted for the coming days, farmers are advised to start summer plough work to increase the capacity of the soil to absorb the rainwater and by overturning the soil, the sharp rays of sun enters the soil and kills the eggs, larvae, and pupae of soil-borne insects and pests.

### Virudhunagar

#### Agro Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light to moderate rainfall is predicted for day 1 (13.04.2022) to day 5 (17.04.2022). Postpone the irrigation. Proper drainage channel may be provided to avoid crop lodging.
Agricultural/ Horticultural crops	Rainfall	Light to moderate rainfall is expected for next five days. Harvested agricultural and horticultural produce may be stored under protective shelter.
	Spraying	Spraying of chemicals may be avoided for the next two days.
Livestock	Rainfall & Thunder	Light to moderate rainfall is expected, avoid leakage roof and livestock feed to be kept under protective area. If thunder occurrence is noticed avoid grazing.
Human		Stay indoors and avoid travel if possible, during heavy rainfall and thunderstorm.
Dry land		Farmers are requested to practice the summer ploughing based on the receipt of rainfall.
Irrigated crops	Soil moisture conservation	Farmers are advised to practice mulching in order to reduce the evaporation loss.
Rice		At recent years green algae domination is noticed in rice field. This algae absorb the nutrients given to rice field. Due to the overgrowth of algae the respiration and photosynthesis rate of rice are getting reduced. Management: 1.Conoweeding to



		plough the algae. 2. Application of copper sulphate (2.5kg/ha)
Chilli	Flowering and fruiting stage	Prevailing weather is conducive for Fruit Rot and Die Back diseases. The first spraying should be given just before flowering and the second at the time of fruit formation. Third spraying may be given a fortnight after second spraying. Chemicals like wettable sulphur 0.2%, copper oxychloride 0.25% and Zineb 0.15% not only reduced the disease incidence but also increased the yield of fruits. Prevailing weather is aphid is noticed. To control spray Imidacloprid 17.8 % SL@ 3.5 ml/10 lit.
Mango	Flowering stage	Sooty mould: Spray Starch solution (1 kg starch/ maida in 5 litre of water and made up to 20 litre by adding water. Starch dries and from flake along with the fungus and early removed.
Coconut	All stages	Rugose Spiralling whitefly is noticed in the prevailed weather condition. Application of water, maida solution as spray in order to increase the population of Encarsia parasitic. Also keep yellow stick trap.
Citrus	Citrus Canker	Under the prevailing weather condition citrus canker disease is noticed. To control spray of Copper oxychloride (COC) @ 0.3% followed by 4 sprayings with Streptocyclin 100 ppm + COC @ 0.3 % at monthly intervals after pruning. Under the prevailing weather condition Citrus leaf miner is noticed. To control spray fenvalerate 0.2ml or dimethoate [Rogor] 2ml/l (or) Spray application of NSKE 5%

SMS: Rain:,13-17.04-12,10,7,3&3 mm. Irrigation may be avoided. Harvested agricultural and horticultural produce may be stored under protective shelter. Spraying may be avoided.

Tamil Nadu		
Next five days	Weather warning	Thunderstorm with light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area on Day 1 (13.04.2022) and Day 2 (14.04.2022). Thunderstorm with light to moderate rain is likely to occur at a few places over south Tamilnadu, Nilgiris, Coimbatore and Tiruppur districts; at isolated places over rest Tamilnadu, Puducherry and Karaikal area Day 3 (15.04.2022). Light to moderate rain is likely to occur at a few places over Kanyakumari, Tirunelveli and western ghat districts on Day 4 (16.04.2022) and Day 5 (17.04.2022).
	Heavy rainfall warning	Day 1(13.04.2022): Heavy to very heavy rain is likely to occur at isolated places over south Tamilnadu and north interior Tamilnadu. Day 2(14.04.2022) & Day 3(15.04.2022): Heavy rain is likely to occur at isolated places over south Tamilnadu.
	Thunderstorm	Day 1(13.04.2022) to Day 3(15.04.2022): Thunderstorm with

	warning	lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area.
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### Tirunelveli

#### Agro Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light to moderate rainfall is predicted for day 1 (13.04.2022) to day 5 (17.04.2022). Postpone the irrigation. Proper drainage channel may be provided to avoid crop lodging.
Agricultural/ Horticultural crops	Rainfall	Light to moderate rainfall is expected for next five days. Harvested agricultural and horticultural produce may be stored under protective shelter.
	Spraying	Spraying of chemicals may be avoided for the next two days.
Livestock	Rainfall & Thunder	Light to moderate rainfall is expected, avoid leakage roof and livestock feed to be kept under protective area. If thunder occurrence is noticed avoid grazing.
Human		Stay indoors and avoid travel if possible during heavy rainfall and thunderstorm.
Dry land		Farmers are requested to practice the summer ploughing based on the suitable soil moisture prevailing for ploughing.
Irrigated crops	Soil moisture conservation	Farmers are advised to practice mulching in order to reduce the evaporation loss.
Rice	Milking stage	Prevailing weather is conducive for False smut diseases. Spraying of copper oxychloride @2.5g / litre or propiconazole @1.0ml/litre to control the disease spread.
	Vegetative stage to milking stage	Prevailing weather is conducive for sheath blight diseases. Spraying of neem oil at 3% (15 lit/ha.) to control the disease spread at the initial stage. .
Chilli	Flowering and fruiting stage	Prevailing weather is conducive for Fruit Rot and Die Back diseases. The first spraying should be given just before flowering and the second at the time of fruit formation. Third spraying may be given a fortnight after second spraying. Chemicals like wettable sulphur 0.2%, copper oxychloride 0.25% and Zineb 0.15% not only reduced the disease incidence but also increased the yield of fruits. Prevailing weather is aphid is noticed. To control spray Imidacloprid 17.8 % SL@ 3.5 ml/10 lit.
Coconut	All stages	Rugose Spiralling whitefly is noticed in the prevailed weather condition. Application of water, maida solution as spray in order to increase the population of Encarsia parasitic. Also keep yellow stick trap.
Citrus	Citrus Canker	Under the prevailing weather condition citrus canker disease is noticed. To control spray of Copper oxychloride (COC) @ 0.3% followed by 4 sprayings with Streptocyclin 100 ppm + COC @ 0.3 % at monthly intervals after pruning.

		Under the prevailing weather condition Citrus leaf miner is noticed. To control spray fenvalerate 0.2ml or dimethoate [Rogor] 2ml/l (or) Spray application of NSKE 5%
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SMS: Rain:13-17.04-30,40,25,15&5mm. Irrigation may be avoided. Harvested agricultural and horticultural produce may be stored under protective shelter. Spraying may be avoided.

Tamil Nadu		
Next five days	Weather warning	Thunderstorm with light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area on Day 1 (13.04.2022) and Day 2 (14.04.2022). Thunderstorm with light to moderate rain is likely to occur at a few places over south Tamilnadu, Nilgiris, Coimbatore and Tiruppur districts; at isolated places over rest Tamilnadu, Puducherry and Karaikal area Day 3 (15.04.2022). Light to moderate rain is likely to occur at a few places over Kanyakumari, Tirunelveli and western ghat districts on Day 4 (16.04.2022) and Day 5 (17.04.2022).
	Heavy rainfall warning	Day 1(13.04.2022): Heavy to very heavy rain is likely to occur at isolated places over south Tamilnadu and north interior Tamilnadu. Day 2(14.04.2022) & Day 3(15.04.2022): Heavy rain is likely to occur at isolated places over south Tamilnadu.
	Thunderstorm warning	Day 1(13.04.2022) to Day 3(15.04.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area.

### Thoothukudi

#### Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light to moderate rainfall is predicted for day 1 (13.04.2022) to day 3 (15.04.2022). Postpone the irrigation for next three days Proper drainage channel may be provided to avoid crop lodging.
Agricultural/ Horticultural crops	Rainfall	Light to moderate rainfall is expected for next five days. Harvested agricultural and horticultural produce may be stored under protective shelter.
	Spraying	Spraying of chemicals may be avoided for the next two days.
Livestock	Rainfall & Thunder	Light to moderate rainfall is expected, avoid leakage roof and livestock feed to be kept under protective area. If thunder occurrence is noticed avoid grazing.
Human		Stay indoors and avoid travel if possible during heavy rainfall and thunderstorm.
Dry land		Farmers are requested to practice the summer ploughing based on the suitable soil moisture prevailing for ploughing.

Irrigated crops	Soil moisture conservation	Farmers are advised to practice mulching in order to reduce the evaporation loss.
Rice	Milking stage	Prevailing weather is conducive for False smut diseases. Spraying of copper oxychloride @2.5g / litre or propiconazole @1.0ml/litre to control the disease spread.
	Vegetative stage to milking stage	Prevailing weather is conducive for sheath blight diseases. Spraying of neem oil at 3% (15 lit/ha.) to control the disease spread at the initial stage. .
Chilli	Flowering and fruiting stage	Prevailing weather is conducive for Fruit Rot and Die Back diseases. The first spraying should be given just before flowering and the second at the time of fruit formation. Third spraying may be given a fortnight after second spraying. Chemicals like wetttable sulphur 0.2%, copper oxychloride 0.25% and Zineb 0.15% not only reduced the disease incidence but also increased the yield of fruits. Prevailing weather is aphid is noticed. To control spray Imidacloprid 17.8 % SL@ 3.5 ml/10 lit.
Coconut	All stages	Rugose Spiralling whitefly is noticed in the prevailed weather condition. Application of water, maida solution as spray in order to increase the population of Encarsia parasitic. Also keep yellow stick trap.
Citrus	Citrus Canker	Under the prevailing weather condition citrus canker disease is noticed. To control spray of Copper oxychloride (COC) @ 0.3% followed by 4 sprayings with Streptocyclin 100 ppm + COC @ 0.3 % at monthly intervals after pruning. Under the prevailing weather condition Citrus leaf miner is noticed. To control spray fenvalerate 0.2ml or dimethoate [Rogor] 2ml/l (or) Spray application of NSKE 5%
Banana	All stages	Under prevailing weather condition Wilt disease noticed. Soil drenching of Carbendazim 0.1 per cent solution around the pseudostem at bimonthly intervals starting from five months after planting

SMS: Rain:13-15.04-25,30&5mm. Irrigation and Spraying may be avoided for next three days. Harvested agricultural and horticultural produce may be stored under protective shelter.

Tamil Nadu		
Next five days	Weather warning	Thunderstorm with light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area on Day 1 (13.04.2022) and Day 2 (14.04.2022). Thunderstorm with light to moderate rain is likely to occur at a few places over south Tamilnadu, Nilgiris, Coimbatore and Tiruppur districts; at isolated places over rest Tamilnadu, Puducherry and Karaikal area Day 3 (15.04.2022). Light to moderate rain is likely to occur at a few places over Kanyakumari, Tirunelveli and western ghat districts on Day 4 (16.04.2022) and Day 5 (17.04.2022).

	Heavy rainfall warning	Day 1(13.04.2022): Heavy to very heavy rain is likely to occur at isolated places over south Tamilnadu and north interior Tamilnadu. Day 2(14.04.2022) & Day 3(15.04.2022): Heavy rain is likely to occur at isolated places over south Tamilnadu.
	Thunderstorm warning	Day 1(13.04.2022) to Day 3(15.04.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area.

### Salem

#### Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Jasmine	Vegetative	Due to prevailing weather alternaria leaf spot incidence may occur in jasmine. To control, spray foliar application of mancozeb @ 2.5 g/l at monthly interval.
Vegetable crops	Vegetative	Application of micro nutrients to vegetable crops may give good results. Farmers are advised to apply micronutrients to the vegetable crops through fertigation or foliar spray during the flowering to fruiting stage.
Paddy	Vegetative	Due to prevailing weather condition leaf folder infestation identified in paddy crop. To manage the leaf folder Release Trichogramma chilonis @5 cc (1, 00,000/ha) thrice at 37, 44 and 51 days.
Livestock	Sheep and Goat	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ecto - parasites in sheep and goats.
Sorghum	Vegetative	Shoot flies are damaging the sorghum crop mostly it affects the yield. The maggot bores inside the stem and cuts the growing point. Central shoots dried and produce "dead heart" symptom. The infested plant produces side tillers. Take up early sowing of sorghum immediately after the receipt of South West or North East Monsoon to minimise the shoot fly incidence. To control Shoot flies in sorghum, Apply Quinalphos 25EC 1500 ml /ha. Plough soon after harvest, remove and destroy the stubbles
Cotton	Vegetative	Due to prevailing weather the leaf blight incidence may occur in cotton. To control leaf blight in cotton, Spray mancozeb 2 kg/ha immediately after the symptom appearance and 2-3 times once in 15 days.
Banana	Vegetative	Due to prevailing weather condition favourable for leaf spot infection in banana crop. To control spray carbendazim 1g/l or propiconazole 1ml/l or mancozeb 2.5 g/l with sticking agent @ 1 ml / lit at 10-15 days interval.

Livestock	General	Considering the temperature, artificial insemination to animals can be done in morning before 11am after cooling the animals by bathing.
Livestock	General	Flea bite in livestock leads to allerg reaction all over body. treatment for this apply mixer of betel vine leaves ,salt, pepper paste below the tonque.

### Namakkal

#### Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	Control of flies in poultry farms In these days, there has been mild showers here and there in Namakkal and its surrounding districts in the evening hours. However, due to high intensity of sunlight, the day time is found to sultry. This condition may likely to favour fly breeding and consequent rise of fly population in poultry farms. To control fly menace, the farm premises should be maintained hygienically through replacement of faulty nipples, proper disposal of dead birds and broken eggs. If fly intensity is high the birds should be fed with IGR mixed feed.
Livestock	General	Cotton ginning waste available from cotton mills can be used as a scarcity feed for ruminants replacing dry roughages. The ginning waste contain moderate levels of crude protein (10 – 14 %) and crude fibre (40-50 %). Hence, protein supplements such as oil cakes (groundnut, gingelly, coconut, cotton seed cake) or fodders (hedge lucerne, stylo, agathi, mulberry, moringa leaves) or azolla can be fed. Besides, the mineral content is also low in ginning waste. Hence, addition of mineral mixure @ 50 g per day per animal for cattle, 5- 10 gram for sheep and goats is recommended. However, certain foreign materials such as nails, wires, iron particles, plastic waste materials may be present and they should be removed before feeding to livestock. The iron particles may be removed using a magnet.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Jasmine	Flowering stage	To increase the flower yield in jasmine give foliar spraying with zinc sulphate and ferrous sulphate each @ 5 gram / litre of water with 1 month interval.
Mango	Fruiting stage	To reduce the fruit drop and increase the yield in mango give foliar spraying with mango special @ 5 gram / litre of water along with shampoo and lemon juice.
Tapioca	Vegetative	Mealy bug management in Tapioca Due to change in climate mealy bug incidence was reported in Tapioca crop. To control this foliar spraying of neem oil 3 ml and adjuvant 1ml in 1 litre of water can be done for 2 times at 15 days interval.

Water melon	Vegetative	Thrips management in water melon Due to the prevailing change in climate, thrips incidence was noticed in water melon. To control this foliar spraying of neem oil 3 % and setting up of blue sticky trap @ 5 numbers / acre may be followed. If the incidence is more than Economic Threshold level, then foliar spraying of thiamethoxam @ 2 gram / litre of water mixed in 200 litre / acre may be adopted for control.
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### Dharmapuri

#### Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Dharmapuri :		
Gourds	Vegetative	To control fruit fly in gourds, fixing of pheromone trap@ 5no/acre can attract and control fruit fly.
Crops	General	Farmers who is doing composting turned the compost periodically once in 15 days to allow more aeration inside the material.
Chilli	Flowering	In chilli crop at flowering stage, spraying of Arka vegetable special @ 3 gram/ litre can be recommended.
Tapioca	Vegetative	For tapioca growers to increase the yield and prevent cassava mosaic virus, spray TNAU tapioca boosters @1 bag/acre/200 litre of water at 2nd,3rd 4rd month after planting.
Livestock	Cattle	Due to increasing temperature, chances for incidence of ephemeral fever in cattle's are very high. To control the fever, shade the animal under tree and feed the cattle with soaked fenugreek (50g/l) along with lemon water (1 lemon+ 20L of water +200g of jaggery +50g baking soda+50g of salt).

### Krishnagiri

#### Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	Control of flies in poultry farms In these days, there has been mild showers here and there in Namakkal and its surrounding districts in the evening hours. However, due to high intensity of sunlight, the day time is found to sultry. This condition may likely to favour fly breeding and consequent rise of fly population in poultry farms. To control fly menace, the farm premises should be maintained

		hygienically through replacement of faulty nipples, proper disposal of dead birds and broken eggs. If fly intensity is high the birds should be fed with IGR mixed feed.
Livestock	General	Cotton ginning waste available from cotton mills can be used as a scarcity feed for ruminants replacing dry roughages. The ginning waste contain moderate levels of crude protein (10 – 14 %) and crude fibre (40-50 %). Hence, protein supplements such as oil cakes (groundnut, gingelly, coconut, cotton seed cake) or fodders (hedge lucerne, stylo, agathi, mulberry, moringa leaves) or azolla can be fed. Besides, the mineral content is also low in ginning waste. Hence, addition of mineral mixture @ 50 g per day per animal for cattle, 5- 10 gram for sheep and goats is recommended. However, certain foreign materials such as nails, wires, iron particles, plastic waste materials may be present and they should be removed before feeding to livestock. The iron particles may be removed using a magnet.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Jasmine	Flowering stage	To increase the flower yield in jasmine give foliar spraying with zinc sulphate and ferrous sulphate each @ 5 gram / litre of water with 1 month interval.
Mango	Fruiting stage	To reduce the fruit drop and increase the yield in mango give foliar spraying with mango special @ 5 gram / litre of water along with shampoo and lemon juice.
Tapioca	Vegetative	Mealy bug management in Tapioca Due to change in climate mealy bug incidence was reported in Tapioca crop. To control this foliar spraying of neem oil 3 ml and adjuvant 1ml in 1 litre of water can be done for 2 times at 15 days interval.
Water melon	Vegetative	Thrips management in water melon Due to the prevailing change in climate, thrips incidence was noticed in water melon. To control this foliar spraying of neem oil 3 % and setting up of blue sticky trap @ 5 numbers / acre may be followed. If the incidence is more than Economic Threshold level, then foliar spraying of thiamethoxam @ 2 gram / litre of water mixed in 200 litre / acre may be adopted for control.



## BLOCK LEVEL FORECAST

### CHENNAI DISTRICT

#### **Chennai Block**

From extended range forecast Normal rainfall and Normal maximum temperature & minimum temperature expected for the period of 17.04.2022 to 23.04.2022 over Tamil Nadu. Any bruises or wound noticed must be given first aid with fly repellent or neem oil with necessary veterinary care.

Live Stock(Varieties)	Live Stock Specific Advisory
COW	1. Fresh green tree fodder or silage may be fed to cattle and calves during summer 2. Special care must be undertaken during summer to avoid mastitis in dairy cattle
GOAT	1. To avoid heat stress in livestock they must allowed for grazing in the morning hours and in the evening hours to avoid exposure to hot sun. 2. To avoid heat stress in high yielders and other dairy animals frequent bath or water splashing in the hot period. Moverover provide cool drinking potable drinking water to livestock
RABBIT	In rabbit a cool environment may be provided by splashing water in the sides of the shelter. If possible amla mixed water may be provided to rabbit
BUFFALO	Buffaloes can be allowed for wallowing.

### TIRUVANNAMALAI DISTRICT

**Anukkavur, Chengam, Arani, Chetput, Cheyyar, Jawadhu Hill, Kalasapakkam, Keelpennathur, Pernamallur, Polur, Pudupalayam, Thandrampet, Thellar, Tiruvannamalai, Thuringapuram, Vandavasi, Verbakkam, West Arani Blocks**

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be receive below normal rainfall and normal temperature for the period of 17.04.2022 to 23.04.2022. Prevailing weather condition is favorable for sucking pest incidence for all crops. Farmers are advised to monitor their field and take necessary plant protection measures based on symptoms of damage. Any bruises or wound noticed must be given first aid with fly repellent or neem oil with necessary veterinary care.

Crop(Varieties)	Crop Specific Advisory
RICE	If deficiency symptom appears in the field, foliar spray of 0.5 % ZnSo4+1.0% urea can be given at 15 days interval until the symptoms disappear. Rice ear head bug in rice symptom of sucking the sap from individual grains, which are in milky stage. Individual grains become chaffy. To Control ear head bug in rice Spray thiamethoxam 1gm/ litre of water and Notchi leaf extract 10 %.
PIGEON PEA (RED GRAM/ARHAR)	Present weather condition is favorable for marucca (Spotted pod Borer). Early instars of this pod borer will eat the flower buds. To control this, spray chlorophyriphos @ 2.5 ml / litre.
Horticulture(Varieties)	Horticulture Specific Advisory

BANANA	To control panama wilt in banana, soil drenching with copper oxy chloride 2 g/litre.
PAPAYA	To control aphids in papaya , spray Imidachloprid @ 0.5 ml / litre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	A farmer maintaining in one acre of land 10 dairy cows cultivate green grass like cumbu napier greens, co-4,& co-5 fodder sorghum like cofs-29,cofs-31 and fodder like velimasal, Agathi subabul,clyricidiya and mulberry.

### VILLUPURAM DISTRICT

**Chinnasalam, Gingee, Kallakurichi, Kallrayan hill, Kana, Kandamangalam, Koliyanur, Mailam, Marakanam, Melmalayanur, Mugaiyur, Olakkur, Rishivandiyam, Sankarapuram, Thirukovilur, Thirunavalur, Thiruvainallur, Thiyagadurgam, Ulundurpet, Vallam, Vanur, Vikravandi Blocks**

From extended range forecast below normal rainfall, normal maximum temperature and minimum temperature expected for the period of 17.04.2022 to 23.04.2022 over Tamil Nadu. Any bruises or wound noticed must be given first aid with fly repellent or neem oil with necessary veterinary care.

Crop(Varieties)	Crop Specific Advisory
RICE	Alage in paddy field reduces the growth of crops. To control apply, 2 kg of coppersulphate mix with sand.2. Due to prevailing weather condition leaf folder and stem borerinfestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.
SUGARCANE	Due to prevailing weather condition changes of sugarcane early shoot borer infection. Tocontrol spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l).
CASHEW	To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) atflushing stage, second spraying with chlorpyriphos 2.0 ml/lit at flowering and thirdspraying with profenophos 1.0 ml/lit at fruit set stage
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Farmers are advised to apply Butox solution (2.0 ml in 1 litre water) externally to removeecto-parasites in sheep and goats

**NILGIRIS DISTRICT**

**Coonoor, Gudalur, Kotagiri and Ooty Blocks**

Agro Advisory

Crop	Stage	Advisory
General		Due to rainfall and high humidity, farmers are advised to drenching of bavistin @ 2g/lit to prevent wilt diseases in vegetable crops.
		As there is forecast for cloudy weather, there may be chances for the spread of fungal diseases. Farmers are advised to adopt remedial measures.
Potato		Due to cloudy weather prevailing presently, growers are advised to spray systemic and contact fungicides once in 7 days interval to control late blight in potato.
Carnation		Due to prevailing weather, to control Fusarium wilt in carnation, Iprodione 25% + Carbendazim 25% WP may be preferably sprayed .
Plantation		As the sky is expected to be cloudy, there may be chances for the spread of blister blight in tea, the growers are requested to spray copper oxy chloride 85 g + tilt 80 ml/ac to control the blister blight in tea.

SMS advisory

Due to rainfall and high humidity, farmers are advised to drenching of bavistin @ 2g/lit to prevent wilt diseases in vegetable crops.

