



तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श बुलेटिन



State Composite Agro-meteorological Advisory Bulletin for Tamil Nadu and Puducherry Bulletin No. 055/2024

For the period 0830 IST, 09th July 2024 to

0830 IST, 14th July 2024

Issued on Tuesday, 09th July 2024

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, Tiruvarur, Karur, Perambalur, Ariyalur and Tiruchirapalli.	Adudurai
5	Southern zone	Virudhunagar, Tirunelveli and Thoothukudi	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 05.07.24 to 08.07.24 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **29°C – 40°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **16°C – 21°C** during the period.

Minimum temperature of range **22°C - 32°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **12°C - 14°C** during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Tamil Nadu	Puducherry
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	06.07.24	06.07.24
Isolated (One or Two Places)	05.07.24, 07.07.24 & 08.07.24	--
Dry	--	05.07.24, 07.07.24 & 08.07.24

Chief Amounts of Rainfall (in cms):-

05.07.24 : Ponnai Dam (dist Vellore) 3, Arcot (dist Ranipet), Erode PTO (dist Erode) 2 each, Avadi (dist Tiruvallur), Erode ISRO AWS (dist Erode), Tiruchengode (dist Namakkal), Zone 03 Puzhal (dist Chennai), Ranipet (dist Ranipet), Arakonam (dist Ranipet) 1 each.

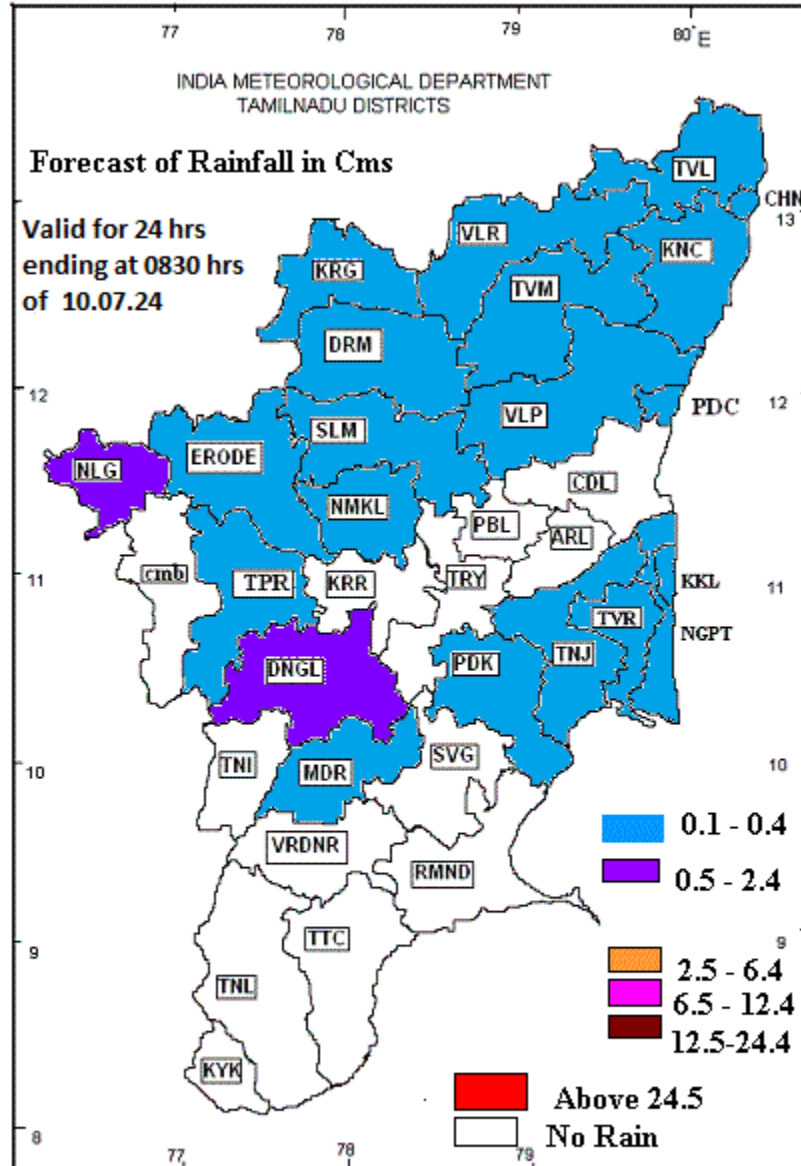
06.07.24 : Sethu_Baskar_Agri college AWS (Dist Sivaganga), Zone 10 Kodambakkam (dist Chennai) 7 each, Nambiyur (dist Erode), Anna University (dist Chennai), Sivagangai PWD TB (dist Sivagangai), Tiruvallur (dist Tiruvallur), Zone 09 Teynampet (dist Chennai), Zone 08 Anna Nagar (dist Chennai), Panapakkam (dist Ranipet), Zone 11 Valasaravakkam (dist Chennai) 6 each, DGP Office (dist Chennai), Ennore AWS (dist Chennai), Chennai (N) (dist Chennai), SCS Mill Arasoor (dist Villupuram), Tondi (dist Ramanathapuram), Zone 01 Thiruvottiyur (dist Chennai), Zone 12 D156 Mugalivakkam (dist Chennai), Chennai Collector Office (dist Chennai), Devakottai (dist Sivagangai), Illupur (dist Pudukottai), Gov hr sec school MGR Nagar (dist Chennai), Pondicherry Town (dist Pondicherry) 5 each, Zone 05 GCC (dist Chennai), Meenambakkam AWS (dist Chennai), Chennai (AP) (dist Chennai), Alandur (dist Chennai), Ayanavaram Taluk Office (dist Chennai), Koratur (dist Tiruvallur), Zone 11 U32 Maduravoyal (dist Chennai), Zone 15 Sholinganallur (dist Chennai), Zone 13 Adyar (dist Chennai), Puducherry_Observatory (dist Puducherry), Avadi (dist Tiruvallur), Tambaram (dist Chengalpattu), Devala (dist The Nilgiris), Sholinganallur (dist Chennai), Vettikadu (dist Thanjavur), Sriperumbudur (dist Kancheepuram), Ranipet AWS (dist Ranipet) 4 each, Zone 08 Malar Colony (dist Chennai), Manamalkudi (dist Pudukkottai), Zone

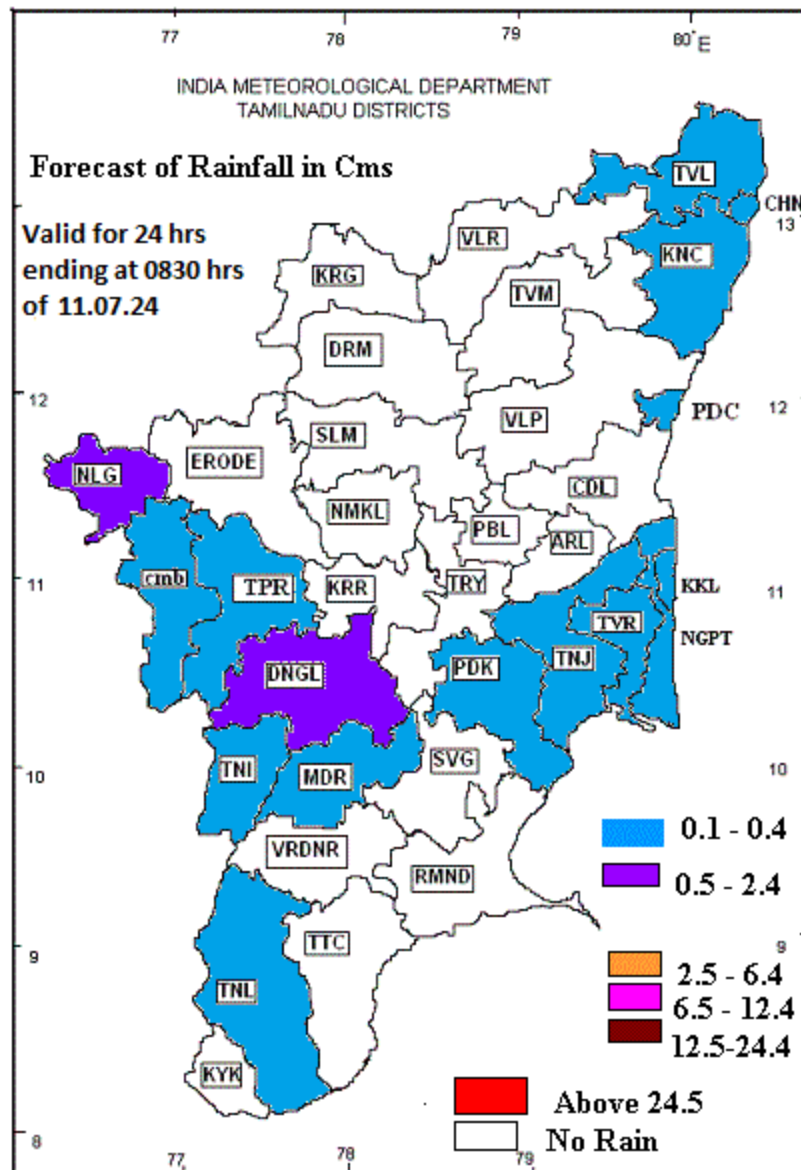
06 T.V.K Nagar(dist Chennai), West Tambaram_Sit ARG (dist Chengalpattu), Chennai(N) AWS (dist Chennai),Chennai(N) AWS (dist Chennai), Sirkali (dist Mayiladuthurai), Zone 01 Kathivakkam (distChennai), R.K.Pet (dist Tiruvallur), Zone 02 Manali (dist Chennai), Vattanam (distRamanathapuram), NIOT_Pallikaranai ARG (dist Chennai), Chinnakalar (dist Coimbatore),Manamadurai (dist Sivagangai), Sivaganga (dist Sivagangai), Minnal (dist Ranipet), Sholingur(dist Ranipet), Wallajah (dist Ranipet), Perambur (dist Chennai), Manalmedu (distMayiladuthurai), Tiruvadana (dist Ramanathapuram), Red Hills (dist Tiruvallur), Zone 07 U18D81 Vanagaram (dist Chennai), Mammallapuram PWD bungalow (dist Chengalpattu),Chembarampakkam (dist Kancheepuram), Mammallapuram AWS (dist Chengalpattu),Manalmedu ARG (dist Mayiladuthurai), Tirur_KVK AWS (dist Tiruvallur) 3 each,Zone 14 Perungudi (dist Chennai), Zone 03 Puzhal (dist Chennai), Arimalam (dist Pudukkottai),VIT_Chennai AWS (dist Chengalpattu), ACS Medical College ARG (dist Kancheepuram),Mimisal (dist Pudukkottai), Kundrathur (dist Kancheepuram), Theerthandathanam (distRamanathapuram), Kovilpatti (dist Thiruchirappalli), Yercaud (dist Salem), Zone 02 D15 Manali(dist Chennai), Valparai PTO (dist Coimbatore), Kaveripakkam (dist Ranipet), Orthanad (distThanjavur), Annavasal (dist Pudukkottai), Vembakkam (dist Tiruvannamalai), Zone 07Ambattur (dist Chennai), Ammoor (Walajah Railway) (dist Ranipet), Poonamallee (distTiruvallur), Poonamalle ARG (dist Tiruvallur), Puzhal ARG (dist Tiruvallur), Tiruttani PTO (distTiruvallur), Kancheepuram (dist Kancheepuram), Taluk Office Pandalur (dist The Nilgiris),Cincona (dist Coimbatore), Kothagiri (dist The Nilgiris), Zone 12 Meenambakkam (distChennai), Zone 03 Madhavaram (dist Chennai), Needamangalam (dist Thiruvarur), SRCKudithangi (dist Cuddalore), Rasipuram (dist Namakkal), Vilupuram (dist Villupuram),Ambathur (dist Chennai), Zone 09 Ice House (dist Chennai), Gummidipoondi (dist Tiruvallur),Kariyapatti (dist Virudhunagar), CD Hospital Tondiarpet (dist Chennai), UPASI_Tea_Researchfoundation AWS (dist Coimbatore), Yercaud_ISRO AWS (dist Salem) , Tiruttani_PTO_ISROAWS (dist Tiruvallur) Patthukannu (dist Puducherry) 2 each,Kovilpatti AWS (dist Thoothukudi), Good Will School Villivakkam ARG (dist Tiruvallur),Edapadi (dist Salem), Karaikudi (dist Sivagangai), Satyabama Uty ARG (dist Kancheepuram),Sankaridurg (dist Salem), Ponnai Dam (dist Vellore), Kalavai PWD (dist Ranipet), Cholavaram(dist Tiruvallur), Madurai city (dist Madurai), Madurai North (dist Madurai), Lakkur (distCuddalore), Vanur (dist Villupuram), Uthukottai (dist Tiruvallur), Thammampatty (dist Salem),Ranipet (dist Ranipet), Pechiparai (dist Kanniyakumari), Mettur (dist Salem), Vadakuthu (distCuddalore), Sandhiyur KVK AWS (dist Salem), RSCL-3 Semmedu (dist Villupuram), RSCL-2Nemoor (dist Villupuram), Thamaraipakkam (dist Tiruvallur), Thiruvallangadu (dist Tiruvallur),Araconam (dist Ranipet), Kil Kotagiri Estate (dist The Nilgiris), Gudalur Bazar (dist TheNilgiris), Wood Braiyar Estate (dist The Nilgiris), Ponneri (dist Tiruvallur), Pallipattu (distTiruvallur), Elanthakuttai Medu (dist Erode), Viraganur Dam (dist Madurai), Arcot (dist Ranipet),Thiruchendur AWS (dist Thoothukudi), BASL Vengur (dist Kallakurichi), Vint Worth Estate (distThe Nilgiris), Valparai PAP (dist Coimbatore), Ayinkudi (dist Pudukkottai), Adiramapattinam(dist Thanjavur), Adirampatnam (dist Thanjavur), Mannargudi (dist Thiruvarur), Periyar (distTheni), Cuddalore Collector Office (dist Cuddalore), RSCL-2 Koliyanur (dist Villupuram),Adiramapattinam AWS (dist Thanjavur), Maduranthagam (dist Chengalpattu), HarisanMalayalam Ltd. (dist The Nilgiris), Nalumukku (dist Tirunelveli), Upper Gudalur (dist TheNilgiris), Neyveli AWS (dist Cuddalore), Kanchipuram_ISRO AWS (dist kancheepuram), Lower_Kothaiyar ARG (dist Kanyakumari), Thirukkanur (dist Puducherry), Bahour (dist Puducherry),1 each.

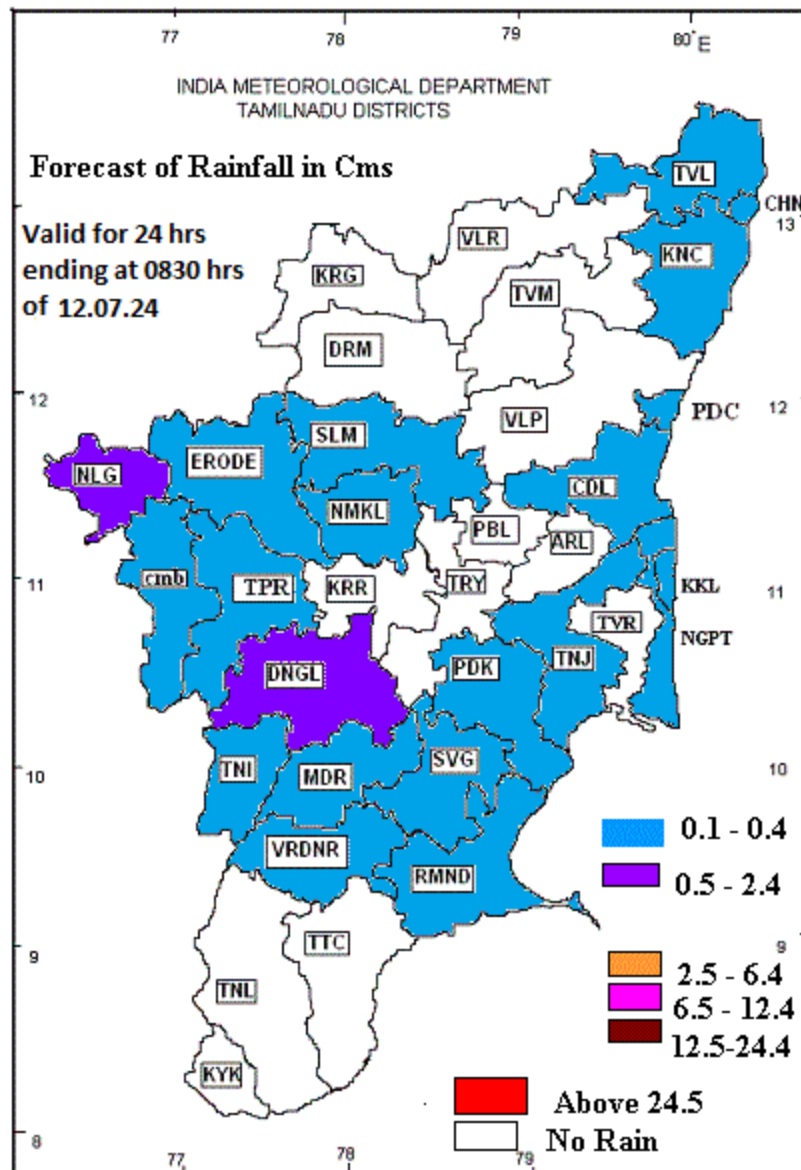
07.07.24 : Taluk Office Pandalur (dist The Nilgiris), Chinnakalar (dist Coimbatore) 3 each,Devala (dist The Nilgiris) , Avalanche (dist The Nilgiris) 2 each,Valparai PTO (dist Coimbatore), Valparai PAP (dist Coimbatore), Upper Bhavani (dist TheNilgiris), Cincona (dist Coimbatore), Valparai Taluk Office (dist Coimbatore), Sholayar (distCoimbatore), Siruvani Adivaram (Water Treatment Plant) (dist Coimbatore),UPASI_Tea_Research foundation AWS (dist Coimbatore) 1 each.

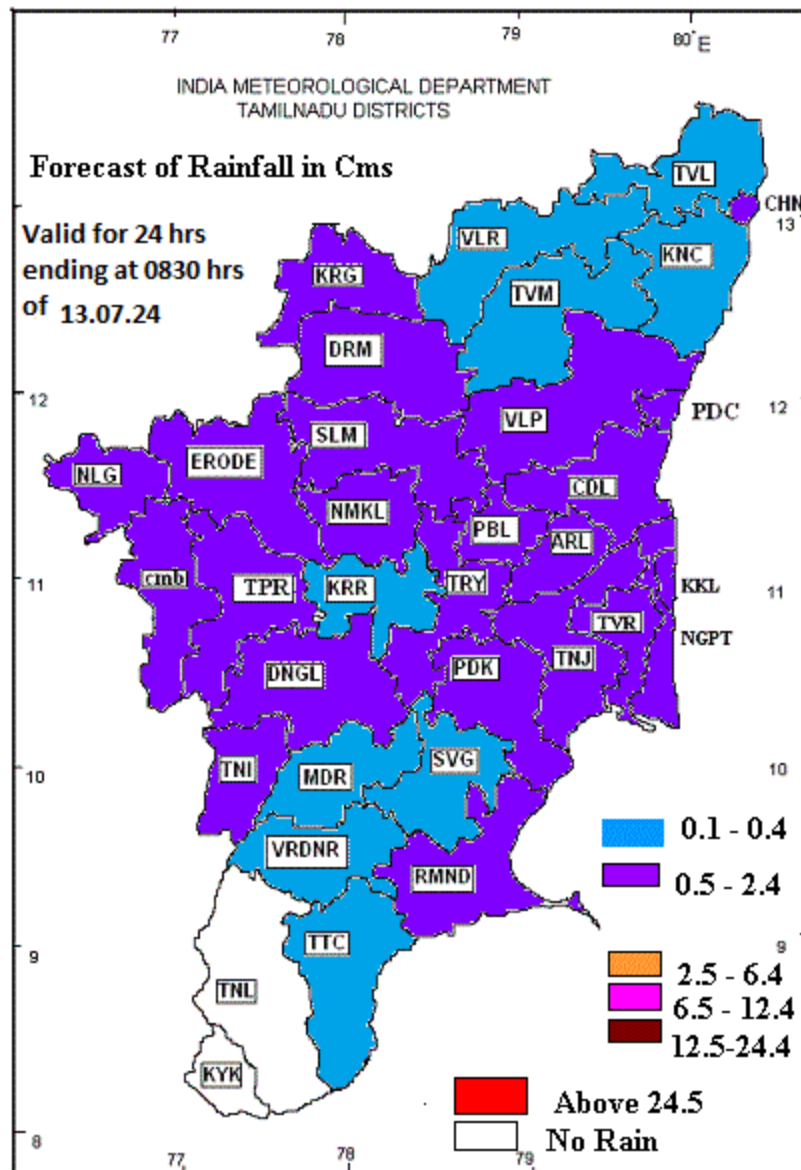
08.07.24 : Walajabad (dist Kancheepuram) 7, Panapakkam (dist Ranipet) 7, Avadi (dist Tiruvallur) 6, Zone 15 Sholinganallur (dist Chennai) 5, Valparai PAP (dist Coimbatore) 5, Chinnakalar (dist Coimbatore) 5, Valparai Taluk Office (dist Coimbatore) 5, Chengalpattu (dist Chengalpattu) 4, Kancheepuram (dist Kancheepuram) 4, Sholingur (dist Ranipet) 3, Minnal (dist Ranipet) 3, Tiruttani (dist Tiruvallur) 3, Arakonam (dist Ranipet) 3, Zone 15 Uthandi (dist Chennai) 3, Koratur (dist Tiruvallur) 3, R.K.Pet (dist Tiruvallur) 2, Thiruvalangadu (dist Tiruvallur) 2, Zone 10 Kodambakkam (dist Chennai) 2, Cincona (dist Coimbatore) 2, Kaveripakkam (dist Ranipet) 2, Sivagangai PWD TB (dist Sivagangai) 2, Avalanche (dist The Nilgiris) 2, Sholinganallur (dist Chennai) 2, Ponnai Dam (dist Vellore) 2, Tiruttani PTO (dist Tiruvallur) 2, Zone 07 Ambattur (dist Chennai) 2, Valparai PTO (dist Coimbatore) 2, Sholayar (dist Coimbatore) 2, Thondamuthur (dist Coimbatore) 2, Tiruvallur (dist Tiruvallur), Thirukalukundram (dist Chengalpattu), Zone 14 Perungudi (dist Chennai), Taluk Office Pandalur (dist The Nilgiris), Uthukottai (dist Tiruvallur), Nagudi (dist Pudukkottai), NIOT_Pallikaranai ARG (dist Chennai), Kundrathur (dist Kancheepuram), Upper Bhavani (dist The Nilgiris), Zone 09 Teynampet (dist Chennai), Cholavaram (dist Tiruvallur), DGP Office (dist Chennai), Zone 12 Meenambakkam (dist Chennai), Alandur (dist Chennai), Poonamallee (dist Tiruvallur), Meenambakkam AWS (dist Chennai), Chennai (AP) (dist Chennai), Vint Worth Estate (dist The Nilgiris), Periyar (dist Theni), Vedaranyam (dist Nagapattinam), Zone 08 Anna Nagar (dist Chennai), Tirumayam (dist Pudukkottai), Red Hills (dist Tiruvallur), Pallipattu (dist Tiruvallur), Thamaraiyapakkam (dist Tiruvallur), Vembakkam (dist Tiruvannamalai), Devala (dist The Nilgiris), Zone 02 D15 Manali (dist Chennai), YMCA Nandnam ARG (dist Chennai), Zone 07 U18 D81 Vanagaram (dist Chennai), Zone 11 Valasaravakkam (dist Chennai), Zone 09 Ice House (dist Chennai), Wood Braiyar Estate (dist The Nilgiris), ACS Medical College ARG (dist Kancheepuram), Thirupporur (dist Chengalpattu), Barwood (dist The Nilgiris), Chembarambakkam ARG (dist Tiruvallur), AWS Mahapalipuram (dist Chengalpattu), AWS Kanchipuram 1 each.

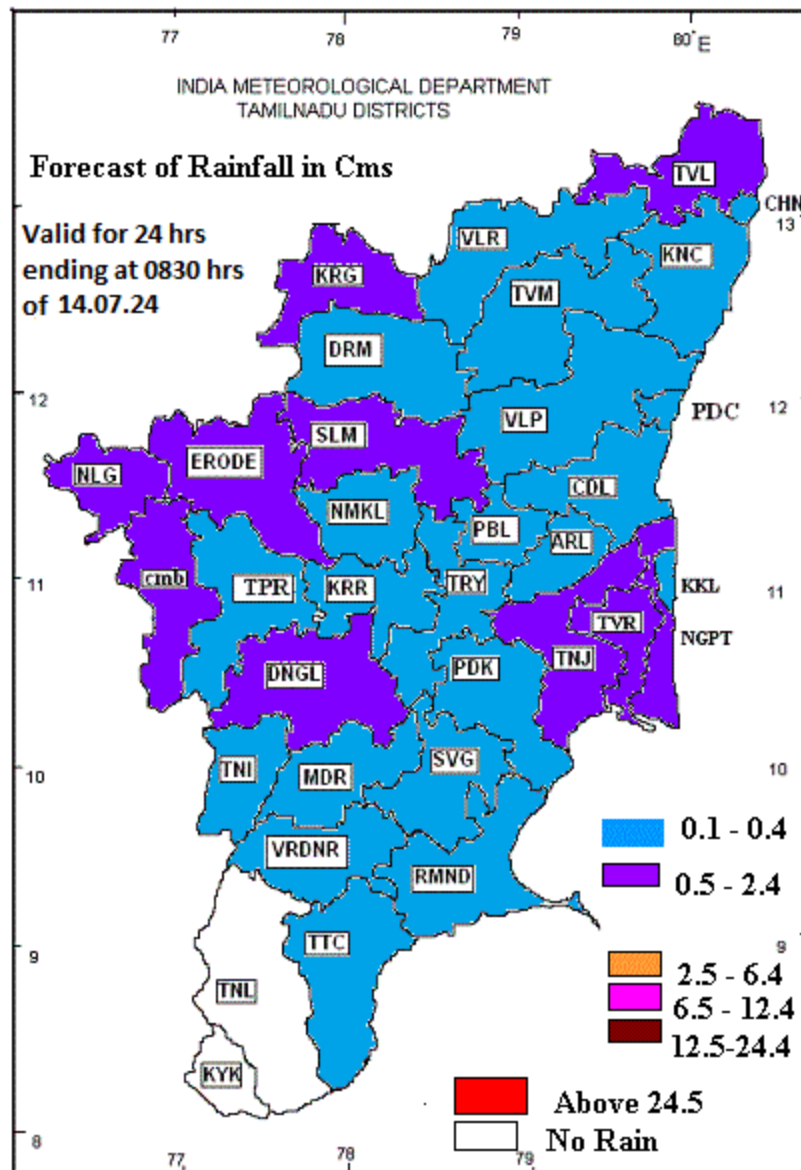
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 09.07.24
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

Chennai, Kancheepuram, Villupuram, Tiruvannamalai, Tiruvallur, Vellore and Cuddalore

SMS Advisory:

(10.07.2024-14.07.2024) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory:

1. The farmers are advised to preserve rice straw after harvesting the paddy crop which has to be used as livestock feed.
2. The livestock especially dairy cattle, sheep and goat must not be allowed to stand in slushy and filthy area to prevent foot rot.
3. Egg laying poultry (layers) suffering from lice infestation must be looked into with proper attention. Dipping solution must be rubbed over the affected body parts and feathers using cloth or cotton, during Sunny part of the day
4. Dry fodders and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin.
5. Due to high humidity, Young animals may suffer from pneumonia, get veterinary doctors advice.
6. The weather conditions prevailing now are a conducive environment for mosquitoes & flies. Hence the farmers are advised to spray insecticides around the farm premises.
7. Fumigation of livestock shed by using neem and notchi leaves will keep the mosquitoes and other vectors away from the animals.

Agricultural advisory Rice:

Transplanting of rice varieties may be done utilizing the expected rainfall. To provide proper drainage facility to the nursery field.

Prevailing weather condition is favorable for bacterial leaf blight infection in rice crop. White colour streaks appear leaf and it turns brown in colour and dried. To control spray copper hydroxide @ 300 g/ac. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 40 g/ac or azadirachtin 400 ml/ac (10000 PPM). Due to prevailing weather condition leaf folder infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

Coconut:

To control Rugose Spiraling Whitefly in coconut, setup yellow sticky traps (size 5x1.5 feet) @ 8/ac in between the trees.

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In severe case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Banana:

High wind speed (>10 kmph) is expected on forthcoming days, so prop up 5 month old banana trees.

Sugarcane:

Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2.0 ml/l).

Brinjal:

There are possibilities of mealybug infestation in brinjal crops. For management farmers are advised to spray Profenophos 2ml/lit of water.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Drizzling or light rainfall is expected along with heavy wind speeds of 10 – 26 kmph during this week in Western zone districts. Irrigation may be done based on soil moisture. Schedule the chemical sprays during non rainy and low wind speed hours.
Sorghum		Top dressing with 25kg of urea per hectare is recommended to rainfed sorghum on receipt of 15mm of rainfall.
Groundnut		By utilizing expected rainfall prepare the land for taking up sowing of ground nut in ensuing season.
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging.
Banana		Considering the high wind speed @ 10-26 kmph, provide propping to the banana of more than five months old to prevent from lodging.
Tapioca		To enhance the size of the tuber in Tapioca, irrigation may be done based on the soil moisture content so as to minimize the effect of high soil temperature.
Grapes		June is the best time for pruning in monsoon grape crop. Weak and immature branches should be pruned without damaging in vines.
Gourds	Sowing	With the receipt of anticipated rainfall gourds seeds sowing may be continued with adequate drainage.
Onion		Prevailing weather situation is favourable for thrips attack in onion. Hence monitor the crop carefully and spray Dimethoate @ 1 ml per litre of water.
Turmeric		Considering the favourable weather apply topdressing to 40 and 60 days old turmeric @ 22 kg urea, 72 kg Potash /acre
Animal Husbandry		Due to high wind speed, feed material of poultries may drift. Hanging of gunny bags along the borders is advised to reduce the wind speed. Provide adequate cool drinking water to all the animals to prevent thirst for water due to high wind speed. Considering high relative humidity, prevent mastitis disease in milch animals by washing the udder with potassium permanganate solution before and after milking.

SMS advisory:

Considering the high wind speed @ 10-26 kmph, provide support to the banana of more than five months old to prevent from lodging.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Drizzling or light rainfall is expected along with heavy wind speeds of 10 – 26 kmph during this week in Western zone districts. Irrigation may be done based on soil moisture. Schedule the chemical sprays during non rainy and low wind speed hours.
Sorghum		Top dressing with 25kg of urea per hectare is recommended to rainfed sorghum on receipt of 15mm of rainfall.
Groundnut		By utilizing expected rainfall prepare the land for taking up sowing of ground nut in ensuing season.
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging.
Banana		Considering the high wind speed @ 10-26 kmph, provide propping to the banana of more than five months old to prevent from lodging.
Tapioca		To enhance the size of the tuber in Tapioca, irrigation may be done based on the soil moisture content so as to minimize the effect of high soil temperature.
Gourds	Sowing	With the receipt of anticipated rainfall gourds seeds sowing may be continued with adequate drainage.
Onion		Prevailing weather situation is favourable for thrips attack in onion. Hence monitor the crop carefully and spray Dimethoate @ 1 ml per litre of water.
Turmeric		Considering the favourable weather apply topdressing to 40 and 60 days old turmeric @ 22 kg urea, 72 kg Potash /acre
Animal Husbandry		Due to high wind speed, feed material of poultries may drift. Hanging of gunny bags along the borders is advised to reduce the wind speed. Provide adequate cool drinking water to all the animals to prevent thirst for water due to high wind speed. Considering high relative humidity, prevent mastitis disease in milch animals by washing the udder with potassium permanganate solution before and after milking.

SMS advisory:

Considering the high wind speed @ 10-26 kmph, provide support to the banana of more than five months old to prevent from lodging.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Drizzling or light rainfall is expected along with heavy wind speeds of 10 – 26 kmph during this week in Western zone districts. Irrigation may be done based on soil moisture. Schedule the chemical sprays during non rainy and low wind speed hours.
Sorghum		Top dressing with 25kg of urea per hectare is recommended to rainfed

		sorghum on receipt of 15mm of rainfall.
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging.
Tapioca		To enhance the size of the tuber in Tapioca, irrigation may be done based on the soil moisture content so as to minimize the effect of high soil temperature.
Gourds	Sowing	With the receipt of anticipated rainfall gourds seeds sowing may be continued with adequate drainage.
Onion		Prevailing weather situation is favourable for thrips attack in onion. Hence monitor the crop carefully and spray Dimethoate @ 1 ml per litre of water.
Animal Husbandry		Due to high wind speed, feed material of poultries may drift. Hanging of gunny bags along the borders is advised to reduce the wind speed. Provide adequate cool drinking water to all the animals to prevent thirst for water due to high wind speed. Considering high relative humidity, prevent mastitis disease in milch animals by washing the udder with potassium permanganate solution before and after milking.

SMS advisory:

Considering the high wind speed @ 10-26 kmph, provide support to the banana of more than five months old to prevent from lodging.

Nilgiris

To prevent disease incidence due to continuous rain, spray *Pseudomonas fluorescens* or *Bacillus subtilis* @ 5 g per litre of water. Spray may be given during rain free period. Light rainfall to moderate rainfall is expected for next five day, hence vegetable farmers are requested to drain the excess water in vegetable field by making proper drainage facility.

Horticulture (Stage)	Horticulture Specific Advisory
BANANA (Vegetative)	Soil application of FYM @ 10 kg + Neem cake @ 1.25 kg as basal; Vermicompost @ 5 kg after 3 months of planting and Wood ash @ 1.75 kg / plant after 5 months of planting; Triple green manuring with sunhemp (one time) and Cowpea (two times) + biofertilizers viz., Arbuscular mycorrhiza (AM) @ 25g, Azospirillum @ 50 g, Phosphate solubilizing bacteria (PSB) @ 50 g and Trichoderma harzianum @ 50 g/ plant is recommended for organic cultivation of banana. Applying for may be given during rain free period.
CARROT (Vegetative)	i) Provide drainage facility. ii) Postpone the intercultural / plant protection activities like fertilizer and pesticide application, till the rain stops.
BLACK PEPPER (Vegetative)	To manage wilt in pepper, farmers are advised to do the application of Trichoderma viride @ / Pseudomonas or Bacillus 25 gm and Neem cake 500gm is recommended. Apply may be given during rain free period.

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

Agro Advisory

Crop	Stage	Advisory
General		Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage.
Rice	Main field	The prevailing weather condition favours the stem borer incidence in paddy. Place pheromone traps @ 4 / ac to control stem borer population. Also to control this, spray profenophos at 400 ml/acre (or) Apply Cartarp hydrochloride 4 G @ 6 kg/ac for effective control of stemborer.
		The prevailing weather condition is conducive for stem borer infection. To control this apply Chlorpyriphos 20 EC 500 ml/ acre or Profenophos 50 EC 400 ml/ acre.
		For Kuruvai paddy, apply 35 kg urea and 10 kg MOP/acre as 2nd split dose at 40 days after planting.
Cattle	Cow	Present weather is conducive for the initiation of foot and mouth disease in dairy animals and cattle. All farmers must vaccinate the animals to control the disease.

SMS advisory

Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage.

Dindigul

SMS Advisory	Chances of light rain during 10, 12, 13 July & Moderate rain on 11, 14 July. Maximum temperature would be in the range of 36°C to 38°C and the minimum temperature would be between 24°C - 26°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10 Kmph from, Northwest direction.
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General Advisory:

Extended range Forecast for next week (12th to 18th July 2024):

Rainfall:

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 12th to 18th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 12th to 18th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 24°C over the district during next week 12th to 18th July 2024.

Agriculture:

During Aadi pattam (July-August), farmers can soak seed in one percent potassium chloride solution for 6 hours one day before sowing of quality seeds and leave it to dry for 16 hours in the shade before sowing.

Through this seed hardening treatment, the young seedlings get uniform germination capacity and growth.

Also the seedlings emerge and develop into active seedlings.

Weather Based Agro-Advisories: (Sunflower, Coconut & Animal Husbandry)

Sunflower:

The incidence of Leaf hoppers may be noticed in the sunflower crop. Young insects and adults suck the sap of the crop.

The leaves turn pale yellow and the leaves curl inwards during the intense attack. The leaf edges turn pinkish brown.

To control this, spray Imidacloprid 70% WS @ 490 ml/ha.

To avoid these pests, as a preventive measure, seed treatment should be done before sowing by mixing Imidacloprid 70% WS @ 7g per kg of seed. So that there will be no pest attack on the crop for 7 weeks.

Coconut:

Due to the prevailing weather condition, the occurrence of Leaf roller is noticed in Coconut. The symptoms of damage are initially larvae feed on under the surface of leaves and often fold two sides of leaflets by a silken thread and feed inside.

Usually, they are found in the silken web. Severe infestation leads to the skeletonizing of fronds.

To manage, basal application of Neem cake @ 2½ kg + Pseudomonas @ 100gm per tree and root-feeding with Profenophos @ 20ml with 100ml of water per tree is recommended.

Animal Husbandry:

Due to the prevailing weather condition, there are chances for infection of external parasites in goats and sheep.

To remove and control the parasites, Mix 2ml of Butox in one litre of water and apply this Butox solution externally on your sheep & goats.

This solution is only for external use not for internal purposes.

Madurai

SMS Advisory	Chances of light rain during 10, 11, 12, 13 & 14 Jul. Maximum temperature would be in the range of 36°C to 38°C and the minimum temperature would be between 24°C - 26°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6-10 Kmph from, Northwest & West directions.
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General Advisory:

Extended range Forecast for next week (12th to 18th July 2024):

Rainfall:

As per extended range predictions, there is possibility of generally near normal rainfall likely over the district during 12th to 18th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 12th to 18th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 24°C over the district during next week 12th to 18th July 2024.

Agriculture:

During Aadi pattam (July-August), farmers can soak seed in one percent potassium chloride solution for 6 hours one day before sowing of quality seeds and leave it to dry for 16 hours in the shade before sowing.

Through this seed hardening treatment, the young seedlings get uniform germination capacity and growth.

Also the seedlings emerge and develop into active seedlings.

Weather Based Agro-Advisories: (Paddy, Sugarcane & Animal Husbandry)

Paddy:

The incense of Bacterial Leaf Blight can be noticed in Paddy fields. 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, lesions 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 fortnightly intervals) is recommended for the control of sheath rot, sheath blight, grain discolouration and bacterial blight.

Sugarcane:

Mulching can be carried out in sugarcane cultivation. Within a week after planting, mulch the ridges uniformly with cane trash to a thickness of 10 cm.

It helps to tide over drought, conserves moisture, reduces weed population and minimizes shoot borer incidence.

For heavy soil and wetland conditions, mulch the field with trash after 21 days of planting. Avoid trash mulching in areas where incidence of termites is noticed.

Animal Husbandry:

Due to the prevailing weather condition, there are chances for infection of external parasites in goats and sheep.

To remove and control the parasites, Mix 2ml of Butox in one litre of water and apply this Butox solution externally on your sheep & goats.

This solution is only for external use not for internal purposes.

Pudukottai

SMS Advisory	Chances of light rain during 10, 13 & 14 July. Maximum temperature would be in the range of 35°C to 37°C and the minimum temperature would be between 26°C - 27°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 8-12 Kmph from, Southwest & West directions.
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General Advisory:

Extended range Forecast for next week (12th to 18th July 2024):

Rainfall:

As per extended range predictions, there is possibility of generally normal rainfall likely over the district during 12th to 18th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 32°C to 36°C over the plains of the district during next week. 12th to 18th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 24°C to 28°C over the district during next week 12th to 18th July 2024.

Agriculture:

During Aadi pattam (July-August), farmers can soak seed in one percent potassium chloride solution for 6 hours one day before sowing of quality seeds and leave it to dry for 16 hours in the shade before sowing.

Through this seed hardening treatment, the young seedlings get uniform germination capacity and growth.

Also the seedlings emerge and develop into active seedlings.

Weather Based Agro-Advisories: (Jasmine, Brinjal & Animal Husbandry)

Jasmine:

The incense of Collar and Root Rot disease is expected in Jasmine. Plants at all stages are infected by this disease.

The symptoms are, initially, the older leaves become yellow followed by younger leaves and finally, the plant will die. Black discolouration can be seen on the root part.

To control this, remove and destroy the affected plant from the field.

Soil drenching of Copper Oxychloride @ 2 ½ gm per litre of water per plant is recommended.

Brinjal:

Due to the current weather, the incidence of spotted beetles is noticed in the Brinjal crop. The symptoms of damage are found in leaves. The beetles are scrapping of chlorophyll.

It leads to skeletonizing and drying of leaves.

To control collect the damaged leaves with grubs, and egg masses and destroy them.

Spray Cartap hydrochloride @ 35gm per tank.

Animal Husbandry:

Due to the prevailing weather condition, there are chances for infection of external parasites in goats and sheep.

To remove and control the parasites, Mix 2ml of Butox in one litre of water and apply this Butox solution externally on your sheep & goats.

This solution is only for external use not for internal purposes.

Ramanathapuram

SMS Advisory	Chances of light rain during 12, 13 & 14 July. Maximum temperature would be in the range of 36°C to 37°C and the minimum temperature would be between 25°C - 26°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 10-22 Kmph from, Southwest & South directions.
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General Advisory:

Extended range Forecast for next week (12th to 18th July 2024):

Rainfall:

As per extended range predictions, there is possibility of generally normal rainfall likely over the district during 12th to 18th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 32°C to 36°C over the plains of the district during next week. 12th to 18th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 24°C to 28°C over the district during next week 12th to 18th July 2024.

Agriculture:

During Aadi pattam (July-August), farmers can soak seed in one percent potassium chloride solution for 6 hours one day before sowing of quality seeds and leave it to dry for 16 hours in the shade before sowing.

Through this seed hardening treatment, the young seedlings get uniform germination capacity and growth.

Also the seedlings emerge and develop into active seedlings.

Weather Based Agro-Advisories: (Coconut, Paddy & Animal Husbandry)

Coconut:

Due to the prevailing weather conditions, there is a chance for the incidence of Thanjavur wilt disease in coconut crops. The spread of the disease is faster from July to November.

Initial symptoms of Thanjavur Wilt start with yellowing and drooping of the outer whorl of leaves. This is followed by the exudation of reddish brown liquid through cracks at the base of the trunk and oozing spread upwards.

Decaying of tissues at the bleeding point and rotting of the basal portion of the stem.

To control this mix and apply Pseudomonas fluorescence @ 200gm + Phosphobacter @ 200gm + Azotobacter @ 200gm with 50kg of FYM per tree.

Also, mix 5kg of Neem cake with 50kg of FYM per tree and apply it in six-month intervals.

Paddy:

Farmers planning to transplant Paddy during the Kharif season are advised to take up sowing with 20kg of either Sun hemp or Daincha or Multigrain and do in-situ incorporation within 30 – 45 days after sowing.

Select Daincha as a green manure crop for soil and water having alkaline ph.

Animal Husbandry:

Due to the prevailing weather condition, there are chances for infection of external parasites in goats and sheep.

To remove and control the parasites, Mix 2ml of Butox in one litre of water and apply this Butox solution externally on your sheep & goats.

This solution is only for external use not for internal purposes.

Sivagangai

SMS Advisory	Chances of light rain on 12 & 13 July. Maximum temperature would be in the range of 36°C to 38°C and the minimum temperature would be between 24°C - 26°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6-10 Kmph from, Southwest, Southeast & South directions.
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General Advisory:

Extended range Forecast for next week (12th to 18th July 2024):

Rainfall:

As per extended range predictions, there is possibility of generally near normal rainfall likely over the district during 12th to 18th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 12th to 18th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 24°C over the district during next week 12th to 18th July 2024.

Agriculture:

During Aadi pattam (July-August), farmers can soak seed in one percent potassium chloride solution for 6 hours one day before sowing of quality seeds and leave it to dry for 16 hours in the shade before sowing.

Through this seed hardening treatment, the young seedlings get uniform germination capacity and growth.

Also the seedlings emerge and develop into active seedlings.

Weather Based Agro-Advisories: (Paddy, Chilly & Animal Husbandry)

Paddy:

For the Paddy nursery beds raised in poor quality soil, if seedlings are to be transplanted after 25 days, application of DAP has to be done 10 days prior to Transplanting.

Chilly:

At this prevailing weather condition, weeding work can be carried out in Chilli.

Using the hand sprayer, spray Pendimethalin @ 1 kg/ha with 500 litres of water. As pre-emergence herbicide and may be combined with hand weeding once and earth up 45 days after planting.

Raise intercrop of onion in paired row system to get additional income

Animal Husbandry:

Due to the prevailing weather condition, there are chances for infection of external parasites in goats and sheep.

To remove and control the parasites, Mix 2ml of Butox in one litre of water and apply this Butox solution externally on your sheep & goats.

This solution is only for external use not for internal purposes.

Theni

SMS Advisory	Chances of light rain during 11, 12, 13 & 14 July. Maximum temperature would be in the range of 32°C to 34°C and the minimum temperature would be between 20°C - 22°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 10-12 Kmph from, West directions.
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General Advisory:

Extended range Forecast for next week (12th to 18th July 2024):

Rainfall:

As per extended range predictions, there is possibility of below normal rainfall likely over the district during 12th to 18th July 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 12th to 18th July 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 20°C to 24°C over the district during next week 12th to 18th July 2024.

Agriculture:

During Aadi pattam (July-August), farmers can soak seed in one percent potassium chloride solution for 6 hours one day before sowing of quality seeds and leave it to dry for 16 hours in the shade before sowing.

Through this seed hardening treatment, the young seedlings get uniform germination capacity and growth.

Also the seedlings emerge and develop into active seedlings.

Weather Based Agro-Advisories: (Banana, Lemon & Animal Husbandry)

Banana:

The incense of Mosaic virus is expected in Banana. The symptoms are found in foliage with chlorotic mottling or stripes, distorted leaves and distorted fruit with chlorotic streaks.

To control spray Neem oil @ 40ml + Trichoderma viride @ 40gm + sticky agent @ 10ml with 10 liters of water.

Lemon:

Prevailing weather conditions, there is the incense of Fruit sucking moth in Acid lime.
Keep the field clean without weeds.

Bait with fermented molasses plus Abamectin @ 50 ml/acre can be used to control. Cover the fruits with polythene bags punctured at the bottom.

Apply smoke and set up light traps or food lures (pieces of citrus fruits) to control the pest.

Animal Husbandry:

Due to the prevailing weather condition, there are chances for infection of external parasites in goats and sheep.

To remove and control the parasites, Mix 2ml of Butox in one litre of water and apply this Butox solution externally on your sheep & goats.

This solution is only for external use not for internal purposes.

Salem

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Coccidiosis in sheep and goats and its control</p> <p>Coccidiosis is caused by protozoan parasite Eimeria. It commonly occurs in sheep and goats particularly in young lambs and kids which are maintained under unhygienic and overcrowded condition. Adults are susceptible, but they do not show clinical manifestations. However, the affected adult animals continue to shed oocysts of Eimeria in their dung and which act as source of infection to young stock.</p> <p>The lambs and kids acquire infection by ingestion of feed and water contaminated with sporulated oocysts of Eimeria parasite. Affected animals show anemia, emaciation, diarrhoea and death often occurs. Coccidiosis is diagnosed by faecal examination and postmortem examination of dead animals. Affected animals can be treated with sulphamonomethoxime and Amprolium drugs. Coccidiosis can be prevented by hygienic maintenance of animal shed – proper disposal of dung, waterers and feeders should be cleaned regularly. Young animals should be separated from adults.</p>
Poultry Disease Diagnosis and Surveillance Laboratory, Namakkal		
Poultry	General	<p>Post mortem observations in the birds brought for diagnosis at Poultry Disease Diagnosis and Surveillance Laboratory, VC & RI, Namakkal revealed death of birds due to Upper respiratory tract infection.</p> <p>Hence, the farmers are advised to follow biosecurity measures severely and use foggers during hot hours.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Fodder sorghum	General	<p>Apply 10 tonnes of well decomposed farm yard manure alongwith 1 kg azospirillum, 1kg phosphobacteria, 39 kg urea, 100 kg super phosphate, 26.72 muriate of potash at the</p>

		timing of planting of fodder sorghum as basal dose. While applying biofertilizers add 10 kg soil and sand. Apply 39 kg urea after every harvest of fodder sorghum. Then after the fourth harvest of fodder sorghum again apply 39 kg urea, 100 kg superphosphate, 26.72 muriate of potash as top dressing.
Brinjal	Vegetative stage	To increase the yield of brinjal give foliar spraying with vegetable booster @ 5 gram / liter along with sticking agent at 30 days after planting with 15 days interval.
Maize	Sowing stage	To increase the yield of maize enrich maize micronutrient mixture @ 12 kg / acre alongwith 120 kg well decomposed farmyard manure and then apply while take up the sowing of maize.
Banana	Vegetative stage	Banana growers are advised to follow propping to bearing plants with the help of bamboo pole / casuarina pole to avoid falling down due to increase of wind speed.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Coccidiosis in sheep and goats and its control</p> <p>Coccidiosis is caused by protozoan parasite Eimeria. It commonly occurs in sheep and goats particularly in young lambs and kids which are maintained under unhygienic and overcrowded condition. Adults are susceptible, but they do not show clinical manifestations. However, the affected adult animals continue to shed oocysts of Eimeria in their dung and which act as source of infection to young stock.</p> <p>The lambs and kids acquire infection by ingestion of feed and water contaminated with sporulated oocysts of Eimeria parasite. Affected animals show anemia, emaciation, diarrhoea and death often occurs. Coccidiosis is diagnosed by faecal examination and postmortem examination of dead animals. Affected animals can be treated with sulpha and Amprolium drugs. Coccidiosis can be prevented by hygienic maintenance of animal shed – proper disposal of dung, waterers and feeders should be cleaned regularly. Young animals should be separated from adults.</p>
Poultry Disease Diagnosis and Surveillance Laboratory, Namakkal		
Poultry	General	<p>Post mortem observations in the birds brought for diagnosis at Poultry Disease Diagnosis and Surveillance Laboratory, VC & RI, Namakkal revealed death of birds due to Upper respiratory tract infection.</p> <p>Hence, the farmers are advised to follow biosecurity measures severely and use foggers during hot hours.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Fodder sorghum	General	Apply 10 tonnes of well decomposed farm yard manure alongwith 1 kg azospirillum, 1kg phosphobacteria, 39 kg urea, 100 kg super phosphate, 26.72 muriate of potash at the timing of planting of fodder sorghum as basal dose. While applying biofertilizers add 10 kg soil and sand. Apply 39 kg urea after every harvest of fodder sorghum. Then after the fourth harvest of fodder sorghum again apply 39 kg urea, 100 kg superphosphate, 26.72 muriate of potash as top dressing.

Brinjal	Vegetative stage	To increase the yield of brinjal give foliar spraying with vegetable booster @ 5 gram / liter along with sticking agent at 30 days after planting with 15 days interval.
Maize	Sowing stage	To increase the yield of maize enrich maize micronutrient mixture @ 12 kg / acre alongwith 120 kg well decomposed farmyard manure and then apply while take up the sowing of maize.
Banana	Vegetative stage	Banana growers are advised to follow propping to bearing plants with the help of bamboo pole / casuarina pole to avoid falling down due to increase of wind speed.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Coccidiosis in sheep and goats and its control</p> <p>Coccidiosis is caused by protozoan parasite Eimeria. It commonly occurs in sheep and goats particularly in young lambs and kids which are maintained under unhygienic and overcrowded condition. Adults are susceptible, but they do not show clinical manifestations. However, the affected adult animals continue to shed oocysts of Eimeria in their dung and which act as source of infection to young stock.</p> <p>The lambs and kids acquire infection by ingestion of feed and water contaminated with sporulated oocysts of Eimeria parasite. Affected animals show anemia, emaciation, diarrhoea and death often occurs. Coccidiosis is diagnosed by faecal examination and postmortem examination of dead animals. Affected animals can be treated with sulpha and Amprolium drugs. Coccidiosis can be prevented by hygienic maintenance of animal shed – proper disposal of dung, waterers and feeders should be cleaned regularly. Young animals should be separated from adults.</p>
Poultry Disease Diagnosis and Surveillance Laboratory, Namakkal		
Poultry	General	<p>Post mortem observations in the birds brought for diagnosis at Poultry Disease Diagnosis and Surveillance Laboratory, VC & RI, Namakkal revealed death of birds due to Upper respiratory tract infection.</p> <p>Hence, the farmers are advised to follow biosecurity measures severely and use foggers during hot hours.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Fodder sorghum	General	Apply 10 tonnes of well decomposed farm yard manure alongwith 1 kg azospirillum, 1kg phosphobacteria, 39 kg urea, 100 kg super phosphate, 26.72 muriate of potash at the timing of planting of fodder sorghum as basal dose. While applying biofertilizers add 10 kg soil and sand. Apply 39 kg urea after every harvest of fodder sorghum. Then after the fourth harvest of fodder sorghum again apply 39 kg urea, 100 kg superphosphate, 26.72 muriate of potash as top dressing.
Brinjal	Vegetative stage	To increase the yield of brinjal give foliar spraying with vegetable booster @ 5 gram / liter along with sticking agent at 30 days after planting with 15 days interval.
Maize	Sowing stage	To increase the yield of maize enrich maize micronutrient mixture @ 12 kg / acre alongwith 120 kg well decomposed farmyard manure and then apply while take up the sowing of maize.

Banana	Vegetative stage	Banana growers are advised to follow propping to bearing plants with the help of bamboo pole / casuarina pole to avoid falling down due to increase of wind speed.
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Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Coccidiosis in sheep and goats and its control</p> <p>Coccidiosis is caused by protozoan parasite Eimeria. It commonly occurs in sheep and goats particularly in young lambs and kids which are maintained under unhygienic and overcrowded condition. Adults are susceptible, but they do not show clinical manifestations. However, the affected adult animals continue to shed oocysts of Eimeria in their dung and which act as source of infection to young stock.</p> <p>The lambs and kids acquire infection by ingestion of feed and water contaminated with sporulated oocysts of Eimeria parasite. Affected animals show anemia, emaciation, diarrhoea and death often occurs. Coccidiosis is diagnosed by faecal examination and postmortem examination of dead animals. Affected animals can be treated with sulpha and Amprolium drugs. Coccidiosis can be prevented by hygienic maintenance of animal shed – proper disposal of dung, waterers and feeders should be cleaned regularly. Young animals should be separated from adults.</p>
Poultry Disease Diagnosis and Surveillance Laboratory, Namakkal		
Poultry	General	<p>Post mortem observations in the birds brought for diagnosis at Poultry Disease Diagnosis and Surveillance Laboratory, VC & RI, Namakkal revealed death of birds due to Upper respiratory tract infection.</p> <p>Hence, the farmers are advised to follow biosecurity measures severely and use foggers during hot hours.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Fodder sorghum	General	Apply 10 tonnes of well decomposed farm yard manure alongwith 1 kg azospirillum, 1kg phosphobacteria, 39 kg urea, 100 kg super phosphate, 26.72 muriate of potash at the timing of planting of fodder sorghum as basal dose. While applying biofertilizers add 10 kg soil and sand. Apply 39 kg urea after every harvest of fodder sorghum. Then after the fourth harvest of fodder sorghum again apply 39 kg urea, 100 kg superphosphate, 26.72 muriate of potash as top dressing.
Brinjal	Vegetative stage	To increase the yield of brinjal give foliar spraying with vegetable booster @ 5 gram / liter along with sticking agent at 30 days after planting with 15 days interval.
Maize	Sowing stage	To increase the yield of maize enrich maize micronutrient mixture @ 12 kg / acre alongwith 120 kg well decomposed farmyard manure and then apply while take up the sowing of maize.
Banana	Vegetative stage	Banana growers are advised to follow propping to bearing plants with the help of bamboo pole / casuarina pole to avoid falling down due to increase of wind speed.

Karaikal

Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Cotton	Flowering to picking stage	To manage mealy bug in cotton, spray Thiamethoxam 25 WG @ 0.2 g/l or Buprofezin 25 SC @ 2 ml/l.
		To manage white fly in cotton, spray Azadirachtin 0.03 (300 ppm) @ 5-10 ml/l or Thiamethoxam 25 WG 0.4 g/l.
Brinjal	Bearing stage	To manage tobacco cutworm in brinjal, spray Bacillus thuringiensis 2 g/l or Novaluron 10% EC 1 ml/l or flubendamide 0.2 – 0.3 ml/l
Cattle	Babesiasis	The prevailing weather conditions are favorable for the Babesiasis disease in cattle. High fever, dark coloured urine, less intake of feed and less milk yield are the symptoms of Babesiasis disease. If these symptoms appear in the cattle, contact nearby dispensary. As a preventive measure, apply Butox @ 2 ml/l of water on cattle and also spray it on the nearby areas of the cattle shed to control ectoparasites

SMS: Light rain is expected for next few days. Hence, postpone irrigation to crops.

Puducherry

Agro Advisory

Crop	Stage/Particulars	Agro Advisory
Rice	Tillering stage	To manage rice stem borer, release parasitoid Trichogramma japonicum @1,00,000/ha at active tillering stage (37, 44 and 51 DAP) or Azadirachtin 0.03% @ 4 ml/l or cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.
		To manage rice leaf folder release Trichogramma chilonis 5cc (1,00,000/ha) at 37, 44, 51 day after planting. Avoid excess application of nitrogen fertilizers. Setup light trap to attract adult moths. Setup T- shaped bird perches for predatory birds to control these pests. Apply cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.
Groundnut	-	In groundnut, to manage tikka leaf spot disease, spray Mancozeb @ 2 g/ litre.
Cassava	Vegetative stage	To manage cassava mosaic disease CMD in tapioca, spray 3% neem oil or methyl dematon 2ml/lit or Dimethoate 1ml/lit or Acetamiprid 0.3g/l.
Sugarcane	Vegetative stage	In Sugarcane, to manage mealy bug, spray Methyl Parathion 50 EC @ 2ml/l.

Brinjal	Flowering to Bearing stage	To manage tobacco cutworm in brinjal, spray Bacillus thuringiensis 2g/l or Novaluron 10% EC 1 ml/l or flubendamide 0.2 – 0.3 ml/l
Cattle	Babesiasis	The prevailing weather conditions are favorable for the Babesiasis disease in cattle. High fever, dark coloured urine, less intake of feed and less milk yield are the symptoms of Babesiasis disease. If these symptoms appear in the cattle, contact nearby dispensary. As a preventive measure, apply Butox @ 2 ml/l of water on cattle and also spray it on the nearby areas of the cattle shed to control ectoparasites.

SMS: Light to moderate rain is expected for next five days. Hence, postpone irrigation to crops.

