



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 103/2022

For the period 0830 IST, 27th December 2022
to 0830 IST, 01st January 2023

Issued on Tuesday, 27th December 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 23.12.22 to 26.12.22 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **25°C – 35°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **17°C – 24°C** during the period.

Minimum temperature of range **17°C - 26°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **07°C - 12°C** during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	25.12.22 26.12.22	Puducherry Tamil Nadu
Fairly widespread (Many places)	--	--
Scattered (Few Places)	26.12.22	Puducherry
Isolated (One or two Places)	23.12.22, 24.12.22 & 25.12.22	Tamil Nadu
Dry	23.12.22 & 24.12.22	Puducherry

Chief Amounts of Rainfall (in cms):

23.12.22: Nil.

24.12.22: Nil.

25.12.22: Chennai Collector Office 5, CD Hospital Thandaiyarpur (dist Chennai) 4, Chennai AP (dist Chennai), Chennai(N) (dist Chennai), Kattapakkam (dist Kancheepuram) 3 each, Anna University (dist Chennai), Mgr Nagar (dist Chennai) , Poonamalle Arg (dist Tiruvallur) , Hindusthan University (dist Chengalpattu) , DGP Office (dist Chennai) , Poonamallee (dist Tiruvallur) , Perambur (dist Chennai) , Alandur (dist Chennai) , Taramani Arg (dist Chennai) , Ayanavaram Taluk Office (dist Chennai) , Karaikal (dist Karaikal), ACS Medical College (dist Kancheepuram), Sriperumbudur (dist Kancheepuram) , Satyabama Uty Arg (dist Chengalpattu) , Velankanni (dist Nagapattinam) 2 each, Nagapattinam (dist Nagapattinam), Tambaram (dist Chengalpattu) , Ambathur (dist Tiruvallur) , Chembarambakkam Arg (dist Tiruvallur) , Sholinganallur (dist Chennai), Cuddalore (dist Cuddalore) , Tarangambadi (dist Mayiladuthurai) , Avadi (dist Tiruvallur) , Puzhal Arg (dist Tiruvallur) 1,

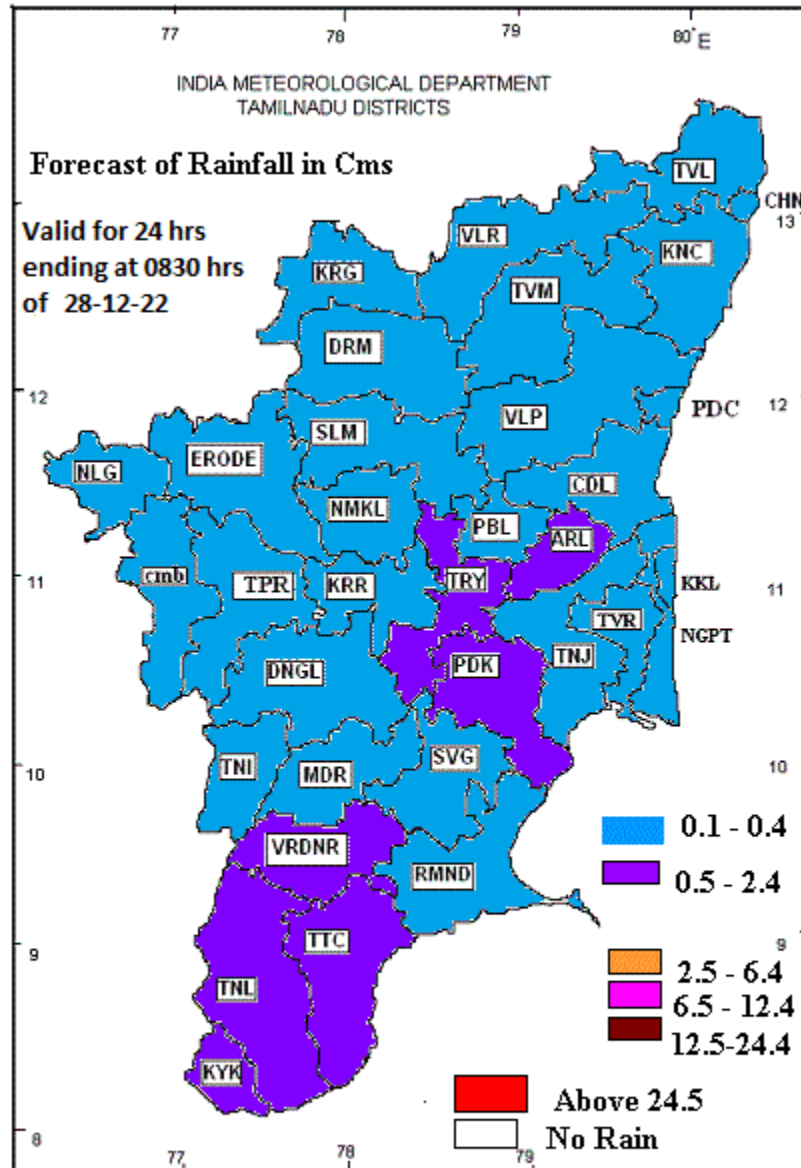
Kodiayakarai (dist Nagapattinam) , Ponneri (dist Tiruvallur) , Thamaraipakkam (dist Tiruvallur), Chengalpattu (dist Chengalpattu) , Cholavaram (dist Tiruvallur) , Cheyyar (dist Tiruvannamalai) , Chidambaram Aws (dist Cuddalore), Thalaigayyer (dist Nagapattinam), Chembarabakkam (dist Tiruvallur), Vedaranyam (dist Nagapattinam), Kancheepuram (dist Kancheepuram), Taluk Office Kundrathur (dist Kancheepuram) 1 each.

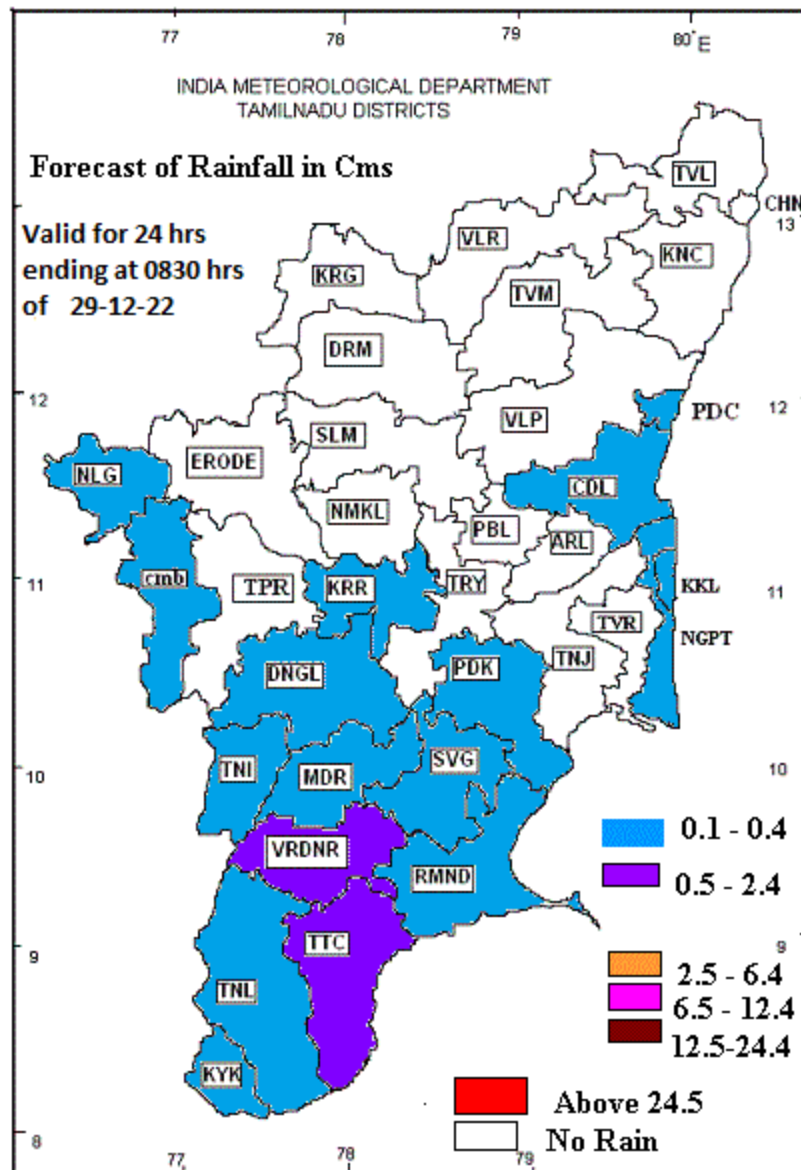
26.12.22: Nalumukku (dist Tirunelveli) 9, Oothu (dist Tirunelveli) 8, Sholavandan (dist Madurai) 6, Thanjavur (dist Thanjavur), Kakkachi (dist Tirunelveli) 5 each, Manjolai (dist Tirunelveli), Moongilthuraipattu (dist Kallakurichi), Andipatti (dist Madurai), Coonoor PTO (dist Nilgiris), Avadi (dist Tiruvallur), Chengam (dist Tiruvannamalai), Valathy (dist Villupuram), Harur (dist Dharmapuri) 4 each, Vadipatti (dist Madurai), Palladam (dist Tiruppur), Kalasapakkam (dist Tiruvannamalai), Nilakottai (dist Dindigul), Sathiar (dist Madurai), Coonoor (dist Nilgiris), Tiruttani (dist Tiruvallur), Thenparanadu (dist Trichy), Vadapudupattu (dist Tirupattur), Vaigai Dam (dist Theni), Needamangalam (dist Tiruvarur), Burliar (dist Nilgiris), Billimalai Estate (dist Nilgiris), Thanjai Papanasam (dist Thanjavur), Yercaud (dist Salem), Kundha Bridge (dist Nilgiris), Shoolagiri (dist Krishnagiri), Polur (dist Tiruvannamalai), Periyakulam AWS (dist Theni), Kodanad (dist Nilgiris), Ketti (dist Nilgiris), Chamraj Estate (dist Nilgiris), Rishivandhiyam (dist Kallakurichi), Manalmedu (dist Mayiladuthurai), Papanasam (dist Tirunelveli), Lower Anaicut (dist Thanjavur), Kinnakorai (dist Nilgiris), Chetpet (dist Tiruvannamalai), Rayakottah (dist Krishnagiri), Valangaiman (dist Tiruvarur), Dindigul (dist Dindigul), Vedasandur (dist Dindigul), Thandampettai (dist Tiruvannamalai), Perambur (dist Chennai), Uthagamandalam (dist Nilgiris), Geddai (dist Nilgiris), Glenmorgan (dist Nilgiris), Kancheepuram (dist Kancheepuram), Ambur (dist Tirupattur), Virinjipuram AWS (dist Vellore) 3 each, Tondaiyarpattinam (dist Chennai), Adar Estate (dist Nilgiris), Thirumanur (dist Ariyalur), Ponnamaravathi (dist Pudukkottai), Ponnaniyar Dam (dist Trichy), Kallikudi (dist Madurai), Mettupatti (dist Madurai), Katpadi (dist Vellore), Kodaikanal (dist Dindigul), Chennai Collectorate (dist Chennai), Thanjavur PTO (dist Thanjavur), Avalanche (dist Nilgiris), Avalurpettai (dist Villupuram), Alakarai Estate (dist Nilgiris), Uthukuli (dist Tiruppur), Palavidithi (dist Karur), R.K.pet (dist Tiruvallur), Trichy Airport (dist Trichy), Budalur (dist Thanjavur), Pandavaiyar Head (dist Tiruvarur), Mayiladuthurai (dist Mayiladuthurai), Tiruvallur (dist Tiruvallur), Mylampatti (dist Karur), Barur (dist Krishnagiri), Jamunamarathur (dist Tiruvannamalai), Ayyampettai (dist Thanjavur), Mugaiyur (dist Villupuram), Manjalar (dist Theni), Periyakulam (dist Theni), Uthangarai (dist Krishnagiri), Tiruttani PTO (dist Tiruvallur), Jambukuttapatti (dist Krishnagiri), Radhapuram (dist Tirunelveli), Nagapattinam (dist Nagapattinam), Poondi (dist Tiruvallur), Alangudi (dist Pudukkottai), Pudukkottai (dist Pudukkottai), Pullambadi (dist Trichy), Ponnai Dam (dist Vellore), Ambathur (dist Tiruvallur), Vellore (dist Vellore), Vandavasi (dist Tiruvannamalai), Perundururai (dist Erode), Adirampatnam (dist Thanjavur), Ayanavaram Taluk Office (dist Chennai), Gudiyatham (dist Vellore), Kilanilai (dist Pudukkottai), Melalathur (dist Vellore), Manampooni

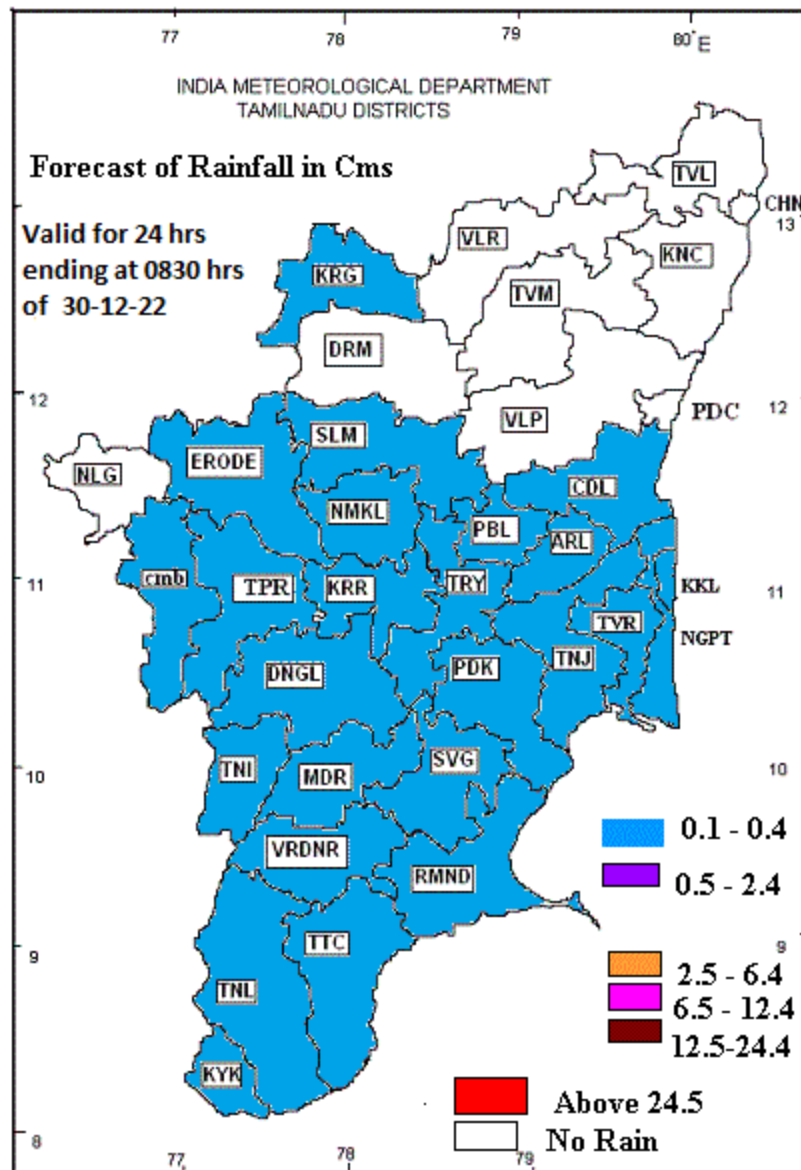
(dist Villupuram), Wallajah (dist Ranipet), Kodayakarai (dist Nagapattinam), Kattumannarkoil (dist Cuddalore), Kedar (dist Villupuram), Peravurani (dist Thanjavur), Kothagiri (dist Nilgiris), Grand Anaicut (dist Thanjavur), DGP Office (dist Chennai), Pulipatti (dist Madurai) 2 each, Andipatti (dist Theni), Tiruvarur (dist Tiruvarur), Satankulam (dist Toothukudi), Kurungulam (dist Thanjavur), Tirupuvanam (dist Sivaganga), Krishnagiri (dist Krishnagiri), Kadavur (dist Karur), Pappireddipatti (dist Dharmapuri), Tiruppur (dist Tiruppur), Kamatchipuram (dist Dindigul), Thalaigayyer (dist Nagapattinam), Ponmalai (dist Trichy), DC Office Tiruppur (dist Tiruppur), Kallakurichi (dist Kallakurichi), Kangeyam (dist Tiruppur), Semmedu (dist Villupuram), Kanyakumari (dist Kanyakumari), Alandur (dist Chennai), Gingee (dist Villupuram), Puzhal ARG (dist Tiruvallur), Sholingur (dist Ranipet), Jayamkondam (dist Ariyalur), Nandhiyar Head (dist Trichy), Alangayam (dist Tirupattur), Tirukoilur (dist Kallakurichi), Tiruvaiyaru (dist Thanjavur), Hogenekal (dist Dharmapuri), Neivasal Thenpathi (dist Thanjavur), Anna University (dist Chennai), Cheyyur (dist Chengalpattu), Marandahalli (dist Dharmapuri), Tirupathur (dist Sivaganga), Manalurpet (dist Kallakurichi), Coimbatore South (dist Coimbatore), Sirkali (dist Mayiladuthurai), Dharapuram (dist Tiruppur), Avinasi (dist Tiruppur), Keeranur (dist Pudukkottai), Kodaikannal Boat Club (dist Dindigul), Maduranthagam (dist Chengalpattu), Thuvakudi (dist Trichy), Thogamalai (dist Karur), Mangalapuram (dist Namakkal), Arani (dist Tiruvannamalai), Collectorate (dist Cuddalore), Odanchatram (dist Dindigul), Ayinkudi (dist Pudukkottai), Natham (dist Dindigul), Peelamedu Airport (dist Coimbatore), Mettupalayam (dist Coimbatore), Ariyalur (dist Ariyalur), Gobichettipalayam (dist Erode), Pattukottai (dist Thanjavur), Kovilpatti (dist Trichy), Arantangi (dist Pudukkottai), Periyanaickenpalayam (dist Coimbatore), Kudithangi (dist Cuddalore), Samayapuram (dist Trichy), Vathalai Anaicut (dist Trichy), Madavaram AWS (dist Tiruvallur), Red Hills (dist Tiruvallur), Viralimalai (dist Pudukkottai), Madukkur (dist Thanjavur), Karaikudi (dist Sivaganga), Kodavasal (dist Tiruvarur), Kallakudi (dist Trichy), Manimutharu (dist Tirunelveli), Kumbakonam (dist Thanjavur), Watrap (dist Virudhunagar), Malaiyur (dist Pudukkottai), Erode (dist Erode), Penucondapuram (dist Krishnagiri), Vellakoil (dist Tiruppur), Thirupporur (dist Chengalpattu), MGR Nagar (dist Chennai), Anandhapuram (dist Villupuram), Tiruchirappalli Junction (dist Trichy), Coimbatore AWS (dist Coimbatore), Thirupalapandal (dist Kallakurichi), Thiruvalangadu (dist Tiruvallur), Koratur (dist Tiruvallur), Kuppanampatti (dist Madurai), Yethapur (dist Salem), Virugavoor (dist Kallakurichi), Vettikadu (dist Thanjavur), Mannargudi (dist Tiruvarur), Kundadam (dist Tiruppur), Anaimaduvu Dam (dist Salem), Veppanthattai (dist Perambalur), Chettikulam (dist Perambalur), Kurinjipadi (dist Cuddalore), Tirupathur PTO (dist Tirupattur), Salem (dist Salem), Sholinganallur (dist Chennai), Ammundi (dist Vellore), Devakottai (dist Sivaganga), Thekkadi (dist Theni), Nannilam (dist Tiruvarur), Kulasekarapattinam (dist Toothukudi), Omalur (dist Salem), Edapadi (dist Salem), Kadavanur (dist Kallakurichi), Vaniyambadi (dist Tirupattur), Ammoor (dist Ranipet), Tarangambadi (dist Mayiladuthurai), Tambaram (dist Chengalpattu), Sothuparai (dist Theni), Vanamadevi (dist Cuddalore), Kariyakovil Dam (dist Salem), Pallipattu (dist

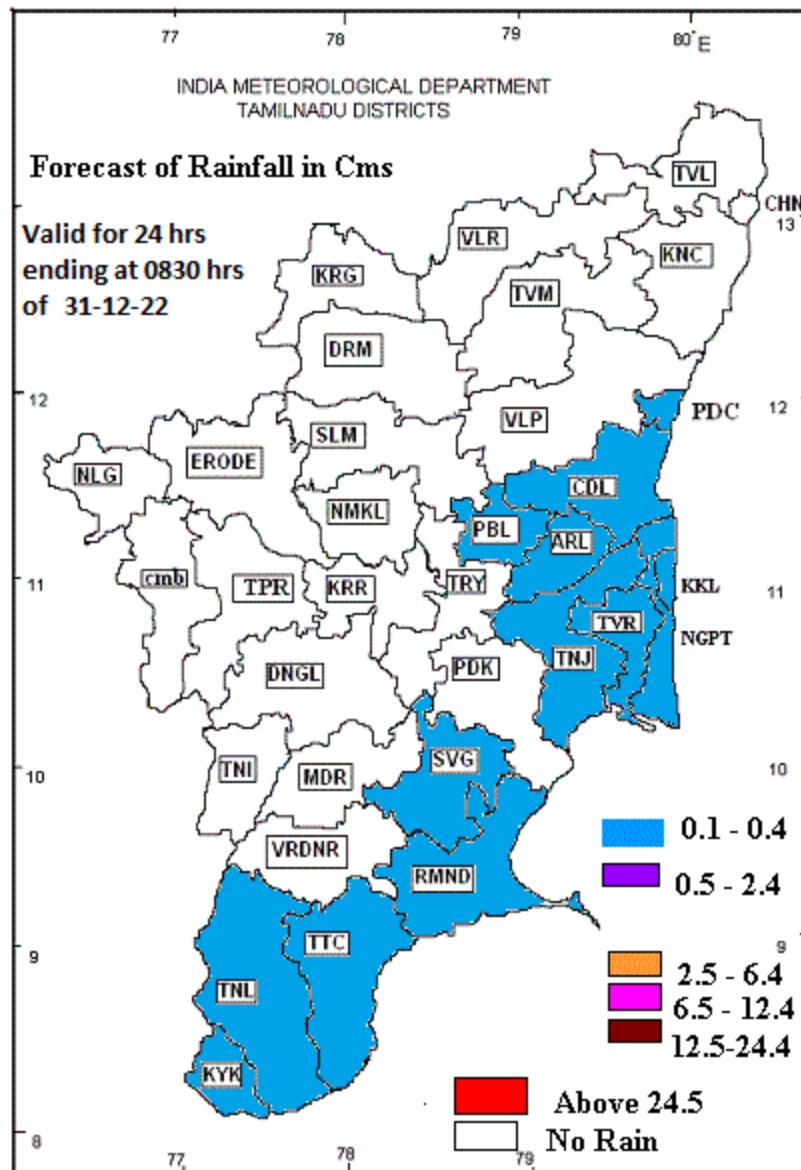
Tiruvallur), Padalur (dist Perambalur), Pennagaram (dist Dharmapuri), Uthukottai (dist Tiruvallur), Mohanur (dist Namakkal), Paramathivelur (dist Namakkal), Uthiramerur (dist Kancheepuram), Walajabad (dist Kancheepuram), Thaluthalai (dist Perambalur), Annamalai Nagar (dist Cuddalore), Airport Madurai (dist Madurai), Chennai Nungambakkam (dist Chennai), Karaiyur (dist Pudukkottai), Karambakudi (dist Pudukkottai), Vembakottai (dist Virudhunagar), Kovilpatti AWS (dist Toothukudi), Orthanad (dist Thanjavur), Aranmanaipudur (dist Theni), Cheyyar (dist Tiruvannamalai), Annavasal (dist Pudukkottai), Mylaudy (dist Kanyakumari), Usilampatti (dist Madurai), Udumalpet (dist Tiruppur), Hosur (dist Krishnagiri), Kalayanallur (dist Kallakurichi), Melur (dist Madurai), Madampoondi (dist Kallakurichi), Muthupet (dist Tiruvarur), Sankarapuram (dist Kallakurichi), Bhavanisagar (dist Erode), Me Mathur (dist Cuddalore), Poonamallee (dist Tiruvallur), Veeraganoor (dist Salem), Srivaikuntam (dist Toothukudi), Thiruchuzhi (dist Virudhunagar), Velankanni (dist Nagapattinam), Chembarabakkam (dist Tiruvallur), Virudhunagar (dist Virudhunagar), Thiruthuraiipoondi (dist Tiruvarur) 1 each.

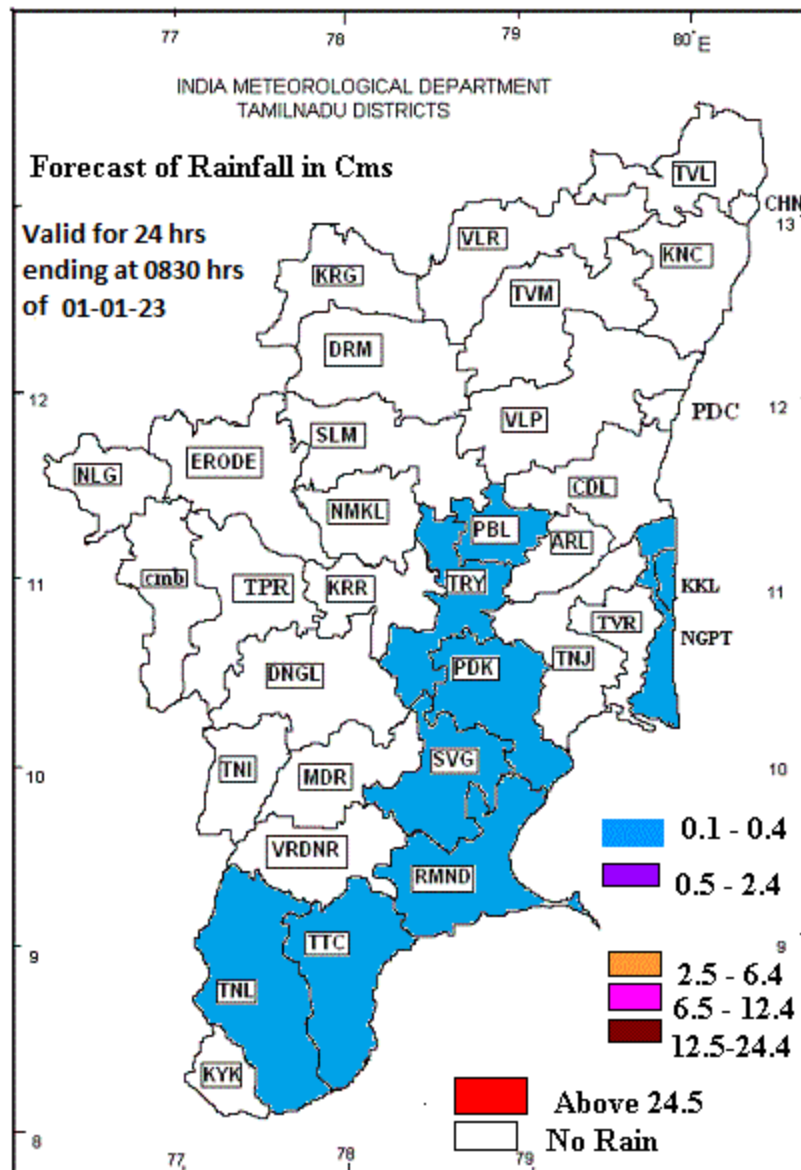
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 27.12.2022
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

Chennai

SMS Advisory:

(29.12.2022-31.12.2022) Light to moderate rain is likely to occur at isolated places over Tamilnadu.

Livestock Advisory

Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.

Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.

The surplus fodder available must be preserved as silage for summer feeding.

Newly born piglets must be protected from cold drafts

The livestock must be provided in clean wholesome drinking water

To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.

To prevent water stagnation proper drainage must be provided in livestock shelter.

The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

Add 5%shell grit in laying hens for optimum egg production.

Chennai Block level

From extended range forecast Blow normal rainfall, Normal maximum temperature and minimum temperature expected for the period of 30.12.2022 to 05.01.2023 over Tamil Nadu. (29.12.2022-31.12.2022) Light to moderate rain is likely to occur at isolated places over Tamilnadu.

Live Stock(Varieties)	Live Stock Specific Advisory
COW	3. The surplus fodder available must be preserved as silage for summer feeding.
RABBIT	2. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
PIG	6. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
GOAT	7. To prevent water stagnation proper drainage must be provided in livestock shelter.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	9. Add 5%shell grit in laying hens for optimum egg production.

Kancheepuram

SMS Advisory:

(29.12.2022-31.12.2022) Light to moderate rain is likely to occur at isolated places over Tamilnadu.

Livestock Advisory

Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.

Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.

The surplus fodder available must be preserved as silage for summer feeding.

Newly born piglets must be protected from cold drafts

The livestock must be provided in clean wholesome drinking water

To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.

To prevent water stagnation proper drainage must be provided in livestock shelter.

The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

Add 5%shell grit in laying hens for optimum egg production.

Agricultural advisory Rice:

The forecasted weather may cause stem borer and 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.

Blackgram:

Farmers are advised to treat the seeds with Trichoderma viride @ 4g/kg of seed (or) Pseudomonas fluorescens @ 10 g/kg seed before sowing.

Groundnut:

In groundnut there are possibilities of stemrot infestation. For management farmers are advised to application of Trichoderma viride @2.5 kg/ha, mixed with 50 kg FYM.

Villupuram

SMS Advisory:

(29.12.2022-31.12.2022) Light to moderate rain is likely to occur at isolated places over Tamilnadu.

Livestock Advisory

Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.

Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.

The surplus fodder available must be preserved as silage for summer feeding.

Newly born piglets must be protected from cold drafts

The livestock must be provided in clean wholesome drinking water

To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.

To prevent water stagnation proper drainage must be provided in livestock shelter.

The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

Add 5%shell grit in laying hens for optimum egg production.

Agricultural advisory Rice:

Due to prevailing weather condition leaf folder and stem borer 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.

Blackgram:

Due to prevailing weather conditions favorable for leaf spot infection in blackgram. Symptoms spots produced are small, numerous with pale brown centre and reddish brown margin in leaves. Spots also occur on branches and pods. To control spray carbendazim 200 gram/acre or wettable sulphur 600 g/acre at initiation stage and 10 days after first spraying.

Groundnut:

Due to prevailing weather conditions favorable for rust infection in groundnut. Symptoms pustules first appear lower surface of the leaf. Then orange colour pustules spread to upper surface of the leaf. To control spray mancozeb 400 gram/acre or wettable sulphur 1000 g/acre. If necessary repeat the spray 15 days later.

Turmeric:

Prevailing weather condition is favorable for leaf blotch infection in turmeric crop. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and along with sticking agent at 10-15 days interval..

Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Villupuram Block level

**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 30.12.2022 to 05.01.2023 over Tamil Nadu. (29.12.2022-31.12.2022) Light to moderate rain is likely to occur at isolated places over Tamilnadu.

Crop(Varieties)	Crop Specific Advisory
RICE	Due to prevailing weather condition leaf folder and stem borer 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.
BLACK GRAM	Due to prevailing weather conditions favorable for leaf spot infection in blackgram. Symptoms spots produced are small, numerous with pale brown centre and reddish brown margin in leaves. Spots also occur on branches and pods. To control spray carbendazim 200 gram/acre or wettable sulphur 600 g/acre at initiation stage and 10 days after first spraying.

GROUNDNUT	Due to prevailing weather conditions favorable for rust infection in groundnut. Symptoms pustules first appear lower surface of the leaf. Then orange colour pustules spread to upper surface of the leaf. To control spray mancozeb 400 gram/acre or wettable sulphur 1000 g/acre. If necessary repeat the spray 15 days later.
Horticulture(Varieties)	Horticulture Specific Advisory
TURMERIC	Prevailing weather condition is favorable for leaf blotch infection in turmeric crop. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and along with sticking agent at 10-15 days interval.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Tiruvannamalai

SMS Advisory:

(29.12.2022-31.12.2022) Light to moderate rain is likely to occur at isolated places over Tamilnadu.

Livestock Advisory

Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.

Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.

The surplus fodder available must be preserved as silage for summer feeding.

Newly born piglets must be protected from cold drafts

The livestock must be provided in clean wholesome drinking water

To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.

To prevent water stagnation proper drainage must be provided in livestock shelter.

The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory

Rice:

Nursery stage army worm incidence found in vellore district. To control case worm apply 250ml kerosene+sand 1kg mixture.

Due to the heavy dew falls there is a possibility to prevail the rice blast disease. To control the rice blast disease spray azoxystrobin 25 SC ml/litre.

Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

Banana:

To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 2.5 kg/ha. or drenching with Bacillus subtilis 5 ml/litre.

Coconut:

To control Rugose Spiraling Whitefly , release of Encarsia guadeloupae @ 100 parasitoids /ac (10 leafbits/ac), 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.

Brinjal:

Application of 1.5% foliar spray of PPFM at the flowering stage will prevent the premature falling of flowers and increase the numbers and quality of fruits.

Tiruvannamalai Block level

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

Prevailing weather condition is favorable for pest and disease incidence for all crops. Farmers are advised to monitor their field and take necessary plant protection measures based on symptoms of damage. For vegetables at flowering stages,spray 1.5% PPFM (Pink Pink-Pigmented Facultative Methylo trophs) foliar spray. (29.12.2022-31.12.2022) Light to moderate rain is likely to occur at isolated places over Tamilnadu.

Crop(Varieties)	Crop Specific Advisory
RICE	Nursery stage army worm incidence found in vellore district. To control case worm apply 250ml kerosene+sand 1kg mixture. Due to the heavy dew falls there is a possibility to prevail the rice blast disease. To control the rice blast disease spray azoxystrobin 25 SC ml/litre. Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.
Horticulture(V arieties)	Horticulture Specific Advisory
BANANA	To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 2.5 kg/ha. or drenching with Bacillus subtilis 5 ml/litre.
COCONUT	To control Rugose Spiraling Whitefly in coconut, release of Encarsia guadeloupae @ 100 parasitoids /ac (10 leafbits/ac), 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.
BRINJAL	Application of 1.5% foliar spray of PPFM at the flowering stage in Brinjal, will prevent the premature falling of flowers and increase the numbers and quality of fruits.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Provide warm drinking water to livestock to maintain body temperature to prevent cold stress. Livestock must be give medicated bath to avoid ectoparasite infestation.
Poultry(Varieties)	Poultry Specific Advisory

CHICKEN	Respiratory distress and cold may due to chillness. So give ENROCIN BH 1ml per litre of drinking water for four days. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
---------	--

Tiruvallur

General Advisory:

From extended range forecast Blow normal rainfall, Normal maximum temperature and minimum temperature expected for the period of 30.12.2022 to 05.01.2023 over Tamil Nadu.

SMS Advisory:

Based on soil moisture provide irrigation to crops and after 28.12.2022 carry out agronomic operations like weeding, spraying, fertilizer application and harvest operation.

Crop(Varieties)	Crop Specific Advisory
RICE	Tillering Stage to Stem Elongation-1.Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 2. Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Sprav Azadirachtin 0.03% 400ml per acre in 200 litres
RICE	Panicle Initiation to Flowering Stages -1. False smut- Spray for Propiconazole 25 EC @ 200 ml/ha (or) Copper hydroxide 77 WP @ 500g /acre at boot leaf and 50% flowering stages. 2.Ear head bug- Spray Neem seed kernel extract 5% (or) spray Malathion 50EC 200 ml/acre; 3.Bacterial leaf blight- Spray twice copper hydroxide 77 WP 500g per acre in
GROUNDNUT	Seed Treatments- the seeds with talc formulation of Trichoderma viride @ 4 g/kg seed or Pseudomonas fluorescens @ 10 g/kg seed. Biocontrol agents are compatible with biofertilizers. Treat the seeds with biocontrol agents first and then with
	Fungicides and biocontrol agents are incompatible. Treat the seeds with Trichoderma @ 4g/kg. This can be done just before sowing. It is compatible with biofertilizers. SUCH SEEDS SHOULD NOT BE TREATED WITH FUNGICIDES (or) Treat the seeds with 3 packets (600 g)/ha of Rhizobialculture TNAU14 + 3 packets of Azospirillum (600 g/ha) and 3 packets(600 g/ha) of Phosphobacteria or 6 packets of Azophos(1200 g/ha)developed at TNAU using rice kanji as binder. If the seed treatment is not carried out apply 10packets of Rhizobium (2000g/ha) + 10 packets of Azospirillum
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	1.Thrips- Spray imidacloprid 17.8% SL 3 ml/ 10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/ 1 liter of water; 2. Leaf Spot- Spray copper oxychloride @ 2.5 g/l litre of water.
BRINJAL	1.Shoot and fruit borer- Spray Azadirachtin 1.0% EC (10000 ppm) 3.0 ml/litre of water of chemical starting from one month after planting at 15 days interval. (or) Spray Emamectin benzoate 5 % SG 4 g/10 llitre of water; 2.Little Leaf - Remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector.

COCONUT	1. Rugose Spiralling Whitefly- 1.Release of Encarsia guadeloupae @ 100 parasitoids /ac (10 leafbits/ac); 2. Installation of yellow sticky traps (5 ft. x 1.5 ft.) smeared with castor oil @ 5/ ac; 3.Release of Chrysoperla zastrowi sillemi eggs @ 500/ac in young palm; 2. Rhinoceros beetle- setup Rhino lure pheromone trap @ 5 traps/ ha.
BITTER GOURD	Fruit fly- Mix methyl eugenol + malathion 50 EC at 1:1 ratio and keep 10 ml of the bait in Polythene bags@ 10 / acre.

Vellore

Prevailing weather condition is favorable for pest and disease incidence for all crops. Farmers are advised to monitor their field and take necessary plant protection measures based on symptoms of damage. For vegetables at flowering stages, spray 1.5% PPFM (Pink Pink-Pigmented Facultative Methylotrophs) foliar spray. Very light rainfall with dry weather may be expected on forthcoming days. So, farmers are advised to irrigate the field based on soil moisture.

Crop(Varieties)	Crop Specific Advisory
RICE	Nursery stage army worm incidence found in vellore district. To control case worm apply 250ml kerosene+sand 1kg mixture. Due to the heavy dew falls there is a possibility to prevail the rice blast disease. To control the rice blast disease spray azoxystrobin 25 SC ml/litre. Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 2.5 kg/ha. or drenching with Bacillus subtilis 5 ml/litre.
COCONUT	To control Rugose Spiralling Whitefly in coconut, release of Encarsia guadeloupae @ 100 parasitoids /ac (10 leafbits/ac), 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.
BRINJAL	Application of 1.5% foliar spray of PPFM at the flowering stage in Brinjal, will prevent the premature falling of flowers and increase the numbers and quality of fruits.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Provide warm drinking water to livestock to maintain body temperature to prevent cold stress. Livestock must be give medicated bath to avoid ectoparasite infestation.
Poultry(Varieties)	Poultry Specific Advisory
HEN	Respiratory distress and cold may due to chillness. So give ENROCIN BH 1ml per litre of drinking water for four days. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

Cuddalore

From extended range forecast below normal rainfall, normal maximum temperature and minimum temperature expected for the period of 30.12.2022 to 05.01.2023 over Tamil Nadu. Since humid weather is prevailing, farmers are advised to monitor the incidence of Pests and Diseases.

Crop(Varieties)	Crop Specific Advisory
RICE	Due to prevailing weather condition leaf folder and stem borer 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.
RICE	Due to prevailing weather condition blast infection is found in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre (or) azoxystrobin 25 SC @ 200 ml/acre at morning or evening time.
BLACK GRAM	Due to prevailing weather conditions favourable for leaf spot infection in blackgram. Symptoms spots produced are small, numerous with pale brown centre and reddish brown margin in leaves. Spots also occur on branches and pods. To control spray carbendazim 200 gram/acre or wettable sulphur 600 g/acre at initiation stage and 10 days after first spraying.
GROUNDNUT	Due to prevailing weather conditions favourable for rust infection in groundnut. Symptoms pustules first appear lower surface of the leaf. Then orange colour pustules spread to upper surface of the leaf. To control spray mancozeb 400 gram/acre or wettable sulphur 1000 g/acre. If necessary repeat the spray 15 days later.
Horticulture(Varieties)	Horticulture Specific Advisory
TURMERIC	Prevailing weather condition is favorable for leaf blotch infection in turmeric crop. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and along with sticking agent at 10-15 days interval.
BANANA	Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Drizzling with low night temperature and wind speed of 4-8 km/hr is expected in western zone during next five days. Irrigation may be provided based on soil moisture.
Rice	Vegetative and Harvest	Considering the cool dry weather during the past and current week, provide irrigation to late planted samba paddy which is at grain filling stage Prevailing weather is conducive for the incidence of Brown Plant Hopper in the base of the rice tillers. Drain the water

		<p>immediately. Spray Phosalone 35 EC at 1500 ml/ha focussing base of the tiller. Do not top dress nitrogen.</p> <p>Prevailing weather is favourable for false smut attack in rice. To control one ml propiconazole or 1ml hexaconazole in one lit water .</p>
Maize	Vegetative	Downy mildew has been observed in irrigated maize with cool humid weather. Rogue out the affected plants, since the chemical would not prevent this disease now.
Bengal gram	Vegetative & Flowering	Prevailing weather conditions favourable for the wilt disease in Bengal gram therefore spray Carbendazim 1g /litre of water.
Grapes		<p>For summer crop based on the existing cool weather condition grapes may be pruned.</p> <p>In grapes both powdery mildew and downy mildew would be seen under this weather condition. To control powdery mildew spray 0.3% wettable sulphur. Against downy mildew spray 1% bordeaux mixture.</p>
Turmeric		<p>Since drizzling alone is expected, provide irrigation to turmeric which is at its rhizome development stage.</p> <p>Early planted turmeric rhizome may be harvested since, dry spell is anticipated.</p>
Tapioca		Since drizzling alone is expected,, ensure sufficient soil moisture for tapioca as it is at tuber development stage.
Coconut		It is best time for fertilizer application for coconut. Apply 650g urea, each one kg of Super Phosphate and Muriate of Potash may be applied with 500 g micronutrient, 2 kg of Neem cake and 50 kg of FYM. For nut bearing coconut, root feed TNAU coconut tonic @200ml/palm once in six months.
Animal		<p>Since, night temperature is very low protect the animals and poultry birds by hanging gunny bags around the shed.</p> <p>Animals and poultry birds may be fed with clear drinking water and do not allow animals to graze freshly emerging weeds and grasses.</p> <p>To avoid the aflatoxin contamination in concentrate feed of animals, sundry the feeds during 11.00 AM – 3.00 PM.</p> <p>Present weather favours the prevalence of anthrax disease in cattle especially in the villages near the Western Ghats. Get vaccinated from nearby veterinary hospitals.</p>

SMS advisory

Prevailing weather conditions favourable for the wilt disease in Bengal gram therefore spray Carbendazim 1g /litre of water.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Drizzling with low night temperature and wind speed of 4-8 km/hr is expected in western zone during next five days. Irrigation may be provided based on soil moisture.
Rice	Vegetative and Harvest	Considering the cool dry weather during the past and current week, provide irrigation to late planted samba paddy which is at grain filling stage Prevailing weather is conducive for the incidence of Brown Plant Hopper in the base of the rice tillers. Drain the water immediately. Spray Phosalone 35 EC at 1500 ml/ha focussing base of the tiller. Do not top dress nitrogen. Prevailing weather is favourable for false smut attack in rice. To control one ml propiconazole or 1ml hexaconazole in one lit water .
Maize	Vegetative	Downy mildew has been observed in irrigated maize with cool humid weather. Rogue out the affected plants, since the chemical would not prevent this disease now.
Bengal gram	Vegetative & Flowering	Prevailing weather conditions favourable for the wilt disease in Bengal gram therefore spray Carbendazim 1g /litre of water.
Turmeric		Since drizzling alone is expected, provide irrigation to turmeric which is at its rhizome development stage. Early planted turmeric rhizome may be harvested since, dry spell is anticipated.
Tapioca		Since drizzling alone is expected,, ensure sufficient soil moisture for tapioca as it is at tuber development stage.
Coconut		It is best time for fertilizer application for coconut. Apply 650g urea, each one kg of Super Phosphate and Muriate of Potash may be applied with 500 g micronutrient, 2 kg of Neem cake and 50 kg of FYM. For nut bearing coconut, root feed TNAU coconut tonic @200ml/palm once in six months.
Animal		Since, night temperature is very low protect the animals and poultry birds by hanging gunny bags around the shed. Animals and poultry birds may be fed with clear drinking water and do not allow animals to graze freshly emerging weeds and grasses. To avoid the aflatoxin contamination in concentrate feed of animals, sundry the feeds during 11.00 AM – 3.00 PM. Present weather favours the prevalence of anthrax disease in cattle especially in the villages near the Western Ghats. Get vaccinated from nearby veterinary hospitals.

SMS advisory

Prevailing weather is favourable for false smut attack in rice. To control one ml propiconazole or 1ml hexaconazole in one lit water.

Tiruppur

Agro advisory

Crop	Stage	Advisory
General		Drizzling with low night temperature and wind speed of 4-8 km/hr is expected in western zone during next five days. Irrigation may be provided based on soil moisture.
Maize	Vegetative	Downy mildew has been observed in irrigated maize with cool humid weather. Rogue out the affected plants, since the chemical would not prevent this disease now.
Bengal gram	Vegetative & Flowering	Prevailing weather conditions favourable for the wilt disease in Bengal gram therefore spray Carbendazim 1g /litre of water.
Coconut		It is best time for fertilizer application for coconut. Apply 650g urea, each one kg of Super Phosphate and Muriate of Potash may be applied with 500 g micronutrient, 2 kg of Neem cake and 50 kg of FYM. For nut bearing coconut, root feed TNAU coconut tonic @200ml/palm once in six months.
Animal		Since, night temperature is very low protect the animals and poultry birds by hanging gunny bags around the shed. Animals and poultry birds may be fed with clear drinking water and do not allow animals to graze freshly emerging weeds and grasses. To avoid the aflatoxin contamination in concentrate feed of animals, sundry the feeds during 11.00 AM – 3.00 PM. Present weather favours the prevalence of anthrax disease in cattle especially in the villages near the Western Ghats. Get vaccinated from nearby veterinary hospitals.

SMS advisory

Prevailing weather conditions favourable for the wilt disease in Bengal gram therefore spray Carbendazim 1g /litre of water.

Nilgiris

For the management of blister blight in tea crop, foliar spray of hexaconazole @ 200 ml + copper oxychloride @ 210 g/ha at 5 days interval or copper oxychloride @ 210 g + propiconazole @ 200 ml/ha at 10 days interval is recommended. Soil application of Bacillus subtilis (BbV 57) or Pseudomonas fluorescens @ 10 g/vine is recommended for the management of root knot and reniform nematode population in black pepper.

Crop(Varieties)	Crop Specific Advisory
CARROT	For the carrot crop, soil application of neem cake @ 1 ton/ha at planting. Biofumigation of mustard plants followed by application of neem cake @ 250kg/ha along with Purpureocillium lilacinum @ 5kg/ha or application of P. lilacinum as seed treatment @ 20g/kg of seed followed by soil application @ 2.5kg/ha along with FYM @ 2.5 t/ha is recommended.

Dindigul

Extended range Forecast for next week (30th Dec – 05th Jan 2023): Rainfall: As per extended range predictions, there is possibility of below normal rainfall likely over the district during 30th Dec to 05th Jan 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 30th Dec to 05th Jan 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 16°C to 22°C over the district during next week 30th Dec to 05th Jan 2023. Chances of light rain during 28, 29 & 30 Dec. Max temp- 30°C-31°C & Min temp -21°C-22°C. Generally cloudy sky for next 5 days. Wind speed 4-6 kmph from E & NE directions.

Crop(Varieties)	Crop Specific Advisory
CITRUS	The incense of Citrus psyllid found in Lemon. Citrus psyllid crowded on the terminal shoots, buds and tender leaves. Nymphs are more destructive. Both nymphs and adults suck sap from the plants and injection of toxic saliva. It excretes honeydew and the growth of sooty moulds will be found. Affected plant parts would get dried and die. To control this, collect and destroy the damaged plant parts. Encourage the activities of natural enemies such as Syrphids and Chrysopids (Green lacewing, brown lacewing) in the field.
COTTON	Spraying of Naphthalene Acetic Acid (NAA) is suitable for Cotton. 40 mg of NAA dissolved in one litre of water will give 40 ppm. Spray 40 ppm NAA at 60 and 90 days after sowing on the crop to prevent the early shedding of buds and squares and to increase the yield. Plant protection activities can be done only on non-rainy days.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Periodical deworming is essential for Calves at monthly intervals. Check the cow dung often, so that we can detect the worm infection if present. Likewise, periodical deworming reduces worm infection in calves and also induces growth, weight & puberty.

Madurai

Extended range Forecast for next week (30th Dec – 05th Jan 2023): Rainfall: As per extended range predictions, there is possibility of below normal rainfall likely over the district during 30th Dec to 05th Jan 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 30th Dec to 05th Jan 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 16°C to 22°C over the district during next week 30th Dec to 05th Jan 2023.

Chances of light rain during 28, 29 & 30 Dec. Max temp- 30°C-31°C & Min temp -21°C-22°C. Generally cloudy sky for next 5 days. Wind speed 4-8 kmph from NE direction.

Horticulture(Varieties)	Horticulture Specific Advisory
-------------------------	--------------------------------

BANANA	The incidence of yellow Sigatoka disease is seen in Banana fields. 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 arranged parallel to the secondary veins. This disease spreads 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. Crop protection activities should be done only on non-rainy days.
MANGO	Mango cultivating farmers are advised to adopt the following methods to plant the grafted Mango plants. 1. Dig pits of 1 metre x 1 metre x 1-metre size and fill them with topsoil mixed with 10kg of Farm Yard Manure. 2. Plant the grafts at the centre of the pit. 3. Water the plants immediately after planting.
Live Stock (Varieties)	Live Stock Specific Advisory
COW	Periodical deworming is essential for Calves at monthly intervals. Check the cow dung often, so that we can detect the worm infection if present. Likewise, periodical deworming reduces worm infection in calves and also induces growth, weight & puberty.

Pudukottai

Extended Range Forecast For Tamil Nadu 28 .12.2022 to 02.01.2022. During the Week from 28 th to 02 th January Below Normal Rainfall . Maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu. Avoid irrigating newly planted fruit trees, ornamental crops and horticultural crops as rain is expected.

Crop (Varieties)	Crop Specific Advisory
RICE	Due to the prevailing weather condition the incidence of Rice horned caterpillar in Paddy. The Larva feeds on leaf blades of rice. Leaves are defoliated from the margin or tip irregularly. To control this, drain the excess water from the field. To manage this pest, foliar spray of Emamectin Benzoate @ 6gms per tank or Flubendiamide @ 20ml per acre is recommended.
BLACK GRAM	Farmers are requested to give foliar spraying with pulse wonder @ 2 kg / acre in 200 liters of water along with sticking agent to improve the yield of pulses.
Horticulture (Varieties)	Horticulture Specific Advisory
BANANA	Farmers are requested to give foliar spray of Banana Booster @ 5gram per litre of water along with one small pocket of shampoo and extracted lemon juice, starting from the 3rd month after plant to bunch formation stage in a monthly interval.
COCONUT	Coconut Juvenile period, prebearing and bearing stage. If the attack of mite is noticed, root feeding may be done with Azadiractin 50% formulation 7.5 ml in 7.5 ml water.
BRINJAL	Considering the best season for sowing of Brinjal, seed sowing in raised bed may be done after treating with Trichoderma viride @ 4gm / kg of seeds.

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	The small ruminants may be allowed for grazing after 08.00 hrs in the since the dew laden grass may be a carrier of intermediate host of flukes..
COW	Due to the prevailing weather condition, the drop in night time temperature, the livestock particularly the young ones should not be left in open space. A proper night shelter with sufficient heating equipment (Eg.Bulb) must be provided to prevent the cattle from the incidence of pneumonia.
Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI).

Ramanathapuram

To overcome the drought situation in rice, spray PPFM @ 250-400 ml / 200 liter of water or spray @ 2-3 kg of Kcl with 200 liter of water at evening hours. Changing weather condition is favorable for ectoparasites in livestock so apply de-ticking solution like cypermethrin 1% (clinar) externally.

Crop(Varieties)	Crop Specific Advisory
RICE	Due to the prevailing weather condition incidence of Stem borer in rice is noticed. Caterpillar bore into central shoot of paddy seedling and tiller, causes drying of the central shoot known as dead heart. Grown up plant whole panicle becomes dried white ear. Plants could be easily pulled by hand. If symptoms are observed in field spray any one of the following chemicals. Chlorantraniliprole 18.5% SC @ 60 ml/ ac or Flubendiamide 39.35% SC @ 50 ml /ac or cartap hydrochloride 50 SP @ 400g
COTTON	Prevailing weather condition incidence of leaf hopper is expected in cotton. The damage symptoms are margin of the leaves start curling downwards and reddening. In the case of severe infestation, leaves get a bronze or brick red colour which is typical "hopper burn" symptom. The margin of the leaves get broken and crumble into pieces when crushed. The leaves dried up and are shed and the growth of the crop is retarded. If symptoms are observed in cotton field spray any one of the following chemicals. Fipronil 5% SC @ 600 ml/ac or Imidacloprid 17.8% SL @ 40 ml/ac or Thiamethoxam 25% WG @ 40g/ac.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Due to the prevailing weather condition incidence of rugose whitefly is expected in coconut. The damage symptoms are presence of heavy white waxy material and sticky honeydew on the under surface of leaves and become black sooty mold formation on the coconut leaves. If symptoms are observed in coconut tree. Spraying of water forcibly on the under surface of the palm by forcible sprayers. Setting up of yellow sticky traps smeared with castor oil @ 10 Nos. /acre. Spraying with boiled maida flour paste @ 25g/liter of water. Spraying of @ 5 ml of neem oil in one liter of water along

	with 1 ml of sandovit as sticking agent.
--	--

Sivagangai

Extended range Forecast for next week (30th Dec – 05th Jan 2023): Rainfall: As per extended range predictions, there is possibility of below normal rainfall likely over the district during 30th Dec to 05th Jan 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 30th Dec to 05th Jan 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 16°C to 22°C over the district during next week 30th Dec to 05th Jan 2023. Chances of light rain during the next five days. Max temp- 30°C-31°C & Min temp -21°C-22°C. Generally cloudy sky for next 5 days. Wind speed 4-12 kmph from NE direction.

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	The occurrence of Thrips may be noticed in Tomato fields. The symptoms are silvery streaks on the leaf surface, pre-mature dropping of flowers & bud necrosis. Thrips are the vector of tomato spotted wilt virus. To manage and control this uproot the diseased plants and destroy them, fix yellow sticky traps @ 10 Nos./acre. Spray Thiomethoxam @ 50gm/acre.
BRINJAL	The occurrence of sucking pests like Aphids & whiteflies may be noticed in the Brinjal crop. To control, mix Neem Oil @ 50ml + Pseudomonas @ 50gm + Sticky agent @ 10ml with 10 litres of water. Spray 2 times at 10 days intervals. Also, tie Yellow sticky traps @ 5 per acre and Blue sticky traps @ 5 per acre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Periodical deworming is essential for Calves at monthly intervals. Check the cow dung often, so that we can detect the worm infection if present. Likewise, periodical deworming reduces worm infection in calves and also induces growth, weight & puberty.

Theni

Extended range Forecast for next week (30th Dec – 05th Jan 2023): Rainfall: As per extended range predictions, there is possibility of below normal rainfall likely over the district during 30th Dec to 05th Jan 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 30th Dec to 05th Jan 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 16°C to 22°C over the district during next week 30th Dec to 05th Jan 2023. Chances of light rain during 28, 29 & 30 Dec. Max temp- 30°C-31°C & Min temp -21°C-22°C. Generally cloudy sky for next 5 days. Wind speed 4-6 kmph from NE direction.

Horticulture(Varieties)	Horticulture Specific Advisory
-------------------------	--------------------------------

OKRA/ LADYFINGER	The occurrence of powdery mildew growth is seen in Bhendi fields. Greyish powdery growth is seen on the upper and lower surface of the leaf, it also affects young stems, buds, flowers and young fruits. Infected leaves may become distorted, turn yellow with small patches of green and fall prematurely, causing a severe reduction in fruit yield. To control, spray any one of the chemicals, wettable sulphur @ 25gm per tank or Hexaconazole @ 25ml per 10 litres of water. Plant protection activities can be done only on non-rainy days.
GRAPES	The prevailing weather is favourable for the incidence of Powdery mildew in the Grapes crop. Hence, farmers are advised to visit the field and monitor the crop carefully. To control this disease, spray 0.3% Wettable Sulphur or broadcast Dust Sulphur @ 6 to 12 kg per hectare in the morning hours.
Live Stock (Varieties)	Live Stock Specific Advisory
COW	Periodical deworming is essential for Calves at monthly intervals. Check the cow dung often, so that we can detect the worm infection if present. Likewise, periodical deworming reduces worm infection in calves and also induces growth, weight & puberty.

Virudhunagar

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Rainfall is predicted for next three days. Probability for chance for rainfall is less. Hence, the farmers are requested to plan the irrigation after two days based on the crop condition.
Rainfed / Horticultural crop	Spraying	If the weather with high morning relative humidity continues for three days without rainfall, it favors for disease occurrence. Hence, farmers are requested to monitor the crops and go for fungicide application. If the weather condition assures the rainfall avoid spraying.
Maize	Grain development stage	Apply foliar spray of maize maxim @ 3 kg / acre at grain filling stages.
Rice	Tillering stage	High humidity and optimum temperature are the important factors for the leaf folder incidence. Symptom: Leaves fold longitudinally and larvae remains inside. Larva scrapes the green tissues of the leaves, becomes white and dry. During severe infestation the whole field exhibits scorched appearance. Management: • Release Trichogramma chilonis @ 5 cc (1,00,000/ha) thrice at 37, 44 and 51 days. Avoid excessive nitrogenous fertilizers. Keep the bunds clean. Spray NSKE 5 % or carbaryl 50 WP 1 Kg or chlorpyrifos 20 EC 1250 ml/ ha. If the attack of leafhopper exceeds the economic damage level then chemical insecticides such as Cartahydrochloride 50% SP 1000g/ha or Chlorantraniliprole 18.5% SC 150 ml/ha or Fipronil 80% WG 50-62.5 kg/ha or Flubendiamide 20% WG 125-250 kg/ha or Profenophos 50 EC 1000ml/ha. Any of these insecticides mixed with 500 litres of water per hectare can be sprayed in the morning or evening to control infestation.

		Cloudy or rainy weather favours Rice Gall midge incidence. Symptoms: Elongation of leaf sheath. Transformation of leaf sheath into tubular gall. It is also known as silvershoot / anakomban. Management: Spray carbosulfan 25%EC 800-1000 ml/ha.
Sorghum	Grain formation stage	Temperature of 28-30°C and High humidity causes for Red rot infestation. Symptoms: This is the major devastating disease in grain sorghum and Fodder sorghum. Many lesions (Brown to reddish) joined together on leaves and blighting of leaves occurred. In severe cases, reddening happens inside the stem and on the feeder roots also. Management: spraying of Mancozeb 1.5kg/1Litre. Two times at 15 days interval.
Onion		Bulb rot and Basal rot: Symptoms: 1. Leaves turn yellow and then dry up slowly. 2. Plants show drying up. 3. Slowly all the leaves show drying of foliage. 4. Bulb of the affected plants get rotted. 5. There will be a whitish mouldy growth on the scale. Management: 1. Follow crop Rotation and Intercropping. 2. Soil drenching with copperoxy chloride (0.2%)
Cotton	Flowering to boll development stage	Relative humidity and rainfall have positive correlation with Leafhopper incidence. If the incidence is noticed spray Imidacloprid 200 SL 100 ml/ha (or) apply neem oil formulation 0.5 % (or) neem oil 3% thrice at fortnightly intervals.
Coconut		Farmers are requested for earthing up around the root. • Cut the largest green leaves off the coconut palms. This can be done with a coconut hook or sickle. It will reduce the leverage effect of the wind force and prevent the coconut tree from being broken, uprooted and damaged.
Livestock	sheep	Enterotoxaemia: A Bacterial disease-causing severe illness and mortality in all ages of sheep and goats. Occurrence is more common after rainy season. Clinical Signs: Young lambs die suddenly without any symptoms. severe stomach pain , diarrhea difficulty in breathing convulsions before death may be observed in some animals. Prevention: Young animals should be vaccinated at 6 weeks of age and revaccination should be done every year prior to rainy season. Restrict the animals to young succulent grass pasture immediately after rainy season. Avoid sudden change in the feed.

SMS: Rain: 28-30: 6,6&3 mm . Rice- spray Chlorantraniliprole 18.5% SC 150 g/ha. Sorghum- Red rot- Mancozeb 1.5kg/1Litre. Cotton- Leafhopper- neem oil 3%.

Tamil Nadu		
Northeast monsoon has been Vigorous over Tamilnadu. Yesterday's cyclonic circulation lies over Maldives & adjoining Comorin area and extends upto 3.1 km above mean sea level.		
Next five days	Weather warning	Northeast monsoon has been Vigorous over Tamilnadu. Light to moderate rain with isolated thunderstorm & lightning is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area on Day 1 (28-12-2022). Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area on Day 2 (29-12-2022) to Day 4 (31-12-2022). Dry weather is likely to prevail over Tamilnadu, Puducherry & Karaikal area on Day 5(01-01-2023).

Tirunelveli

Agromet Advisory

Crop (Varieties)	Stage	Crop Specific Advisory
Irrigated crops	Water management	Rainfall is predicted for next five days, chance for rainfall. Hence, the farmers are requested to plan the irrigation based on the local weather and crop requirement.
Rainfed Horticultural crop	/Spraying	If the weather with high morning relative humidity continues for three days without rainfall, it favors for disease occurrence. Hence, farmers are requested to monitor the crops and go for fungicide application. If the weather condition assures the rainfall avoid spraying.
Maize	Grain development stage	Apply foliar spray of maize maxim @ 3 kg / acre at grain filling stages.
Cotton crop	Flowering stage	Relative humidity and rainfall have positive correlation with Leafhopper incidence. If the incidence is noticed spray Imidacloprid 200 SL 100 ml/ha (or) apply neem oil formulation 0.5 % (or) neem oil 3% thrice at fortnightly ^[1] intervals.
Rice	Panicle initiation stage	High humidity and optimum temperature are the important factors for the leaf folder incidence. To control spray CartapHydrochloride 50 % SP 1000 g/ha (or) Chlorantraniliprole 18.5% SC 150 g/ha
Coconut	Wind speed /rainfall Intercultural operation	/Cut the largest green leaves off the coconut palms. This can be done with a coconut hook or sickle. It will reduce the leverage effect of the wind force and prevent the coconut tree from being broken, uprooted and damaged.
Banana	Wind speed /rainfall Intercultural operation	/ <ul style="list-style-type: none"> • Wind speed may be damage plantation. Farmers are requested to practice propping (The supporting poles should be tied against the peduncle of developing bunches,). • Open deep trenches between the plant rows for improving the drainage condition of the land.

SMS: Rain: 28-01.01-8,3,3,4&2 mm. Postpone the irrigation, cotton - Leafhopper - neem oil 3% thrice at fortnightly^[1] intervals. Rice- spray Chlorantraniliprole 18.5% SC 150 g/ha.

Tamil Nadu		
Northeast monsoon has been Vigorous over Tamilnadu. Yesterday's cyclonic circulation lies over Maldives & adjoining Comorin area and extends upto 3.1 km above mean sea level.		
Next five days	Weather warning	Northeast monsoon has been Vigorous over Tamilnadu. Light to moderate rain with isolated thunderstorm & lightning is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area on Day 1 (28-12-2022). Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area on Day 2 (29-12-2022) to Day 4 (31-12-2022). Dry weather is likely to prevail over Tamilnadu, Puducherry & Karaikal area on Day 5(01-01-2023).

Thoothukudi

Agromet Advisory

Crop(Varieties)	Stage	Crop Specific Advisory
Irrigated crops	Water management	Rainfall is predicted for next five days, chance for rainfall. Hence, the farmers are requested to plan the irrigation based on the local weather and crop requirement.
Rainfed / Horticultural crop	Spraying	If the weather with high morning relative humidity continues for three days without rainfall, it favors for disease occurrence. Hence, farmers are requested to monitor the crops and go for fungicide application. If the weather condition assures the rainfall avoid spraying.
Maize	Grain development stage	Apply foliar spray of maize maxim @ 3 kg / acre at grain filling stages.
Rice	Panicle initiation stage	High humidity and optimum temperature are the important factors for the leaf folder incidence. To control spray CartapHydrochloride 50 % SP 1000 g/ha (or) Chlorantraniliprole 18.5% SC 150 g/ha
Cotton	Flowering stage	Relative humidity and rainfall have positive correlation with Leafhopper incidence. If the incidence is noticed spray Imidacloprid 200 SL 100 ml/ha (or) apply neem oil formulation 0.5 % (or) neem oil 3% thrice at fortnightly ⁽¹¹⁾ _(SEP) intervals.
Sorghum	Grain development stage	Temperature of 28-30°C and High humidity causes for red rot infestation. Symptoms: This is the major devastating disease in grain sorghum and Fodder sorghum. Many lesions (Brown to reddish) joined together on leaves and blighting of leaves occurred. In severe cases, reddening happens inside the stem and on the feeder roots also. Management: spraying of Mancozeb 1.5kg/1Litre. Two times at 15 days interval. As rainfall is predicted, early sown crops attain maturity may be harvested to avoid grain loss due to colour discoloration.
Coconut	Wind speed / rainfall Intercultural operation	As wind speed is high So, famers are requested for earthing up around the root. • Cut the largest green leaves off the coconut palms. This can be done with a coconut hook or sickle. It will reduce the leverage effect of the wind force and prevent the coconut tree from being broken, uprooted and damaged.
Banana	Wind speed / rainfall Intercultural operation	Chance for wind speed and rainfall may damage the tall trees. Farmers are requested to practice propping (The supporting poles should be tied against the peduncle of developing bunches,). • Open deep trenches between the plant rows for improving the drainage condition of the land. Earthing up should be done at rainy season for avoiding water logged conditions. It will also provide proper drainage facilities to the plant.

SMS:Rain: 28-01.01-8,6,3,3&3mm. Wind- Banana – propping. Rice - spray Chlorantraniliprole 18.5% SC 150 g/ha. Sorghum- crop at maturity may be harvest. Cotton- Leafhopper- neem oil 3%.

Tamil Nadu		
Northeast monsoon has been Vigorous over Tamilnadu. Yesterday's cyclonic circulation lies over Maldives & adjoining Comorin area and extends upto 3.1 km above mean sea level.		
Next five days	Weather warning	Northeast monsoon has been Vigorous over Tamilnadu. Light to moderate rain with isolated thunderstorm & lightning is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area on Day 1 (28-12-2022). Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry & Karaikal area on Day 2 (29-12-2022) to Day 4 (31-12-2022). Dry weather is likely to prevail over Tamilnadu, Puducherry & Karaikal area on Day 5(01-01-2023).

Salem

Weather Advisory Bulletin for livestock, poultry and agro advisory

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Coconut	Vegetative	In coconut, to control the Rhinoceros beetle, the topmost three leaf axils around the spindle filled with Naphthalene balls three to four balls covered with fine sand, once in 45 days. Soak castor cake at 1 kg in 5 liter of water in small mud pots and keep them in the coconut gardens to attract and kill the adults. Fungus, <i>Metarhiziumanisopliae</i> can be applied in manure pits @ 4 kg/tonnes to control the grubs that feed on the decaying matter.
Cotton	Boll worm	Avoid continuous cropping of cotton both during winter and summer seasons in the same area as well as ratooning. Avoid monocropping. Growing of less preferred crops like greengram, blackgram, soyabean, castor, sorghum etc., along with the cotton as intercrop or border crop or alternate crop to reduce the pest infestation. Removal and destruction of crop residues to avoid carry over of the pest to the next season, and avoiding extended period of crop growth by continuous irrigation. Optimising the use of nitrogenous fertilizers that will not favour moth multiplication of the pest. Judicious water management for the crop to prevent excessive vegetative growth and larval harbourage. During bolling and maturation stage, apply any one of the following insecticides (1000 l of spray fluid/ha):Quinalphos 25 EC 2.0 l/ha or Carbaryl 50 WP 2.5 kg/ha or Pyraclofos 50 EC 1.5 l/ha
Banana	Vegetative	High humidity, prolonged leaf wetness and warmer temperature favour occurrence of leaf spot complex in banana. Spray Propiconazole at 0.5 ml per litre of water or Carbendazim 3g/l of water or Mancozeb 2g/ l of water. Depending on the severity

		repeat the spray 2 to 3 times with alternate chemicals at 15 – 20 days interval.
Red gram	Vegetative	Higher temperature of 30-33 o C and higher morning humidity with drizzling are favourable for the incidence and proliferation of pod borer in red gram. The symptoms are defoliation in early stages. Larva's head alone thrust inside the pods and the rest of the body hanging out and Pods with round holes. To manage the pest, grow one row of sunflower as inter crop for every 9 rows and maize as border crop. Set pheromone traps @ 12/ha. Spray Neem seed kernel extract (NSKE) 5 % or Azadirachtin 1.0% EC @ 3.0 ml/lit or Emamectin benzoate 5 % SG @ 4 g/10 lit.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	Due to the prevailing cold weather condition, cattle rearers are advised to allow the cattle for grazing only after 2 hrs of sunrise to avoid fluke infestation. To prevent the infestation of pneumonia and rhinitis of calf's and kids they should be protected against cold drafts. The side wall of young livestock must be shielded with gunny bag to prevent cold draft attack. The top sand (10 cm) of goat house must be replaced with a new sand in every six month so as to prevent parasitic attack. To prevent mosquito menace in livestock rearing areas fumigation with vitex negundo (notchi leaves) leaves weekly once is recommended.
Poultry	Chicks	As the temperatures will be very low in Namakkal, brooder chicks should be provided with correct range of temperature. Higher or lower temperature will not support growth as per standard. This should be checked every day and ensuring proper temperatures will lead to uniformity in growth and less mortality. This is very important until 4 weeks of age, as it will lead to good egg production. Further, to encourage chicks to drink sufficient water, warm water may be provided at least once in the morning which encourages more feed intake and uniformity in body weight.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Paddy	Vegetative stage	Paddy leaf folder and stem borer incidence has occurred in paddy field in Navarai season crop. Farmers are advised to install pheromone traps @ 5 numbers / acre and also spray neem oil 3 %. If not controlled spray profenophos @ 2.5 ml / litre or chlorantraniliprole @ 0.6 ml / litre to control the leaf folder and stemborer in paddy.
Tomato	Vegetative stage	Tomato growers are requested to give foliar spraying with vegetable booster @ 50 gram / 10 liter of water along with 1 shampoo pocket + 2 lemon juices with 15 – 30 days interval two times at 30 days after planting.
Chilli	Vegetative stage	Due to the prevailing change in climate, thrips incidence was noticed in Chilli. To control this foliar spraying of neem oil 3 ml per liter of water 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 @ 1 gram / litre of water may be undertaken.
Banana	General	KVK, Namakkal entered in to MoA with national research centre for banana Trichy and got TOT for banana shakti micronutrient formulation. Since April 2022 KVK, Namakkal has started producing and selling banana shakti. Hence, banana growers could purchase banana shakti from KVK, Namakkal on cost basis @ Rs. 250 / kg.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

General Advisory	
As light rainfall is expected for this week. Based on the local weather and crop requirement irrigation may be provided. High relative humidity with moderate wind speed is conducive for disease spread. So, farmers are advised to take the prophylactic measures to control the disease spread, Harvested agricultural and horticultural produce may be stored under protective shelter and to protect the livestock, poultry and pets.	
SMS: Light Rainfall -Turmeric Rhizome rot - Soil drenching with copperoxychloride (0.25%).Based on the local weather and crop requirement Irrigation may be given.	
Crop	Advisory
Paddy	Paddy- Leaf folder (or) leaf roller Leaves fold longitudinally and larvae remains inside, Larva scrapes the green tissues of the leaves, becomes white and dry, During severe infestation the whole field exhibits scorched appearance for control measures Flubendiamide 0.1 ml/lit water .
Paddy	Paddy - Brown Spot- prevailing weather condition Temperature of 25-30°C, Relative humidity above 80 per cent, excess of nitrogen aggravates the disease incidence attacks seedling in nursery to milky stage in main field. The disease appears first as minute brown dots later becoming cylindrical or oval to circular to control Carbendazim12% + Mancozeb 63%wp 2.0 g per lit.
Jasmine	Jasmine -Bud worm incidence in jasmine Infested flowers turn pale red in colour and they fall off from the plant. One larva attacks 2-3 buds in its life span, to control measures spray Thiochlorid 240SC @1 m.l /litre is advised.
Turmeric	Turmeric – leaf spot incidence affected leaves, elliptic or oblong spots with yellow halo are seen. The centre of spots are grayish white and then with numerous black dots in centre As the disease advances, the leaves dry up and give a scorched appearance. For control measure is spraying of propiconazole @ 500 ml/ha.
Turmeric	Prevailing weather condition Turmeric Rhizome rot infected plants, basal portion of the shoots appear watery and soft. The root system is very much reduced. The leaves exhibit gradual drying along the margin. Infected rhizomes soft, rotted, colour changes into different shades of brown to control measures Soil drenching with copper oxy chloride (0.25%) in and around affected plants.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
	General	Due to the prevailing cold weather condition, cattle rearers are advised to

Livestock		allow the cattle for grazing only after 2 hrs of sunrise to avoid fluke infestation. To prevent the infestation of pneumonia and rhinitis of calf's and kids they should be protected against cold drafts. The side wall of young livestock must be shielded with gunny bag to prevent cold draft attack. The top sand (10 cm) of goat house must be replaced with a new sand in every six month so as to prevent parasitic attack. To prevent mosquito menace in livestock rearing areas fumigation with vitex negundo (notchi leaves) leaves weekly once is recommended.
Poultry	Chicks	As the temperatures will be very low in Namakkal, brooder chicks should be provided with correct range of temperature. Higher or lower temperature will not support growth as per standard. This should be checked every day and ensuring proper temperatures will lead to uniformity in growth and less mortality. This is very important until 4 weeks of age, as it will lead to good egg production. Further, to encourage chicks to drink sufficient water, warm water may be provided at least once in the morning which encourages more feed intake and uniformity in body weight.
Agro advisory from Krishi Vigyan Kendra		
Paddy	Vegetative stage	Paddy leaf folder and stem borer incidence has occurred in paddy field in Navarai season crop. Farmers are advised to install pheromone traps @ 5 numbers / acre and also spray neem oil 3 %. If not controlled spray profenophos @ 2.5 ml / litre or chlorantraniliprole @ 0.6 ml / litre to control the leaf folder and stemborer in paddy.
Tomato	Vegetative stage	Tomato growers are requested to give foliar spraying with vegetable booster @ 50 gram / 10 liter of water along with 1 shampoo pocket + 2 lemon juices with 15 – 30 days interval two times at 30 days after planting.
Chilli	Vegetative stage	Due to the prevailing change in climate, thrips incidence was noticed in Chilli. To control this foliar spraying of neem oil 3 ml per liter of water 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 @ 1 gram / litre of water may be undertaken.
Banana	General	KVK, Namakkal entered in to MoA with national research centre for banana Trichy and got TOT for banana shakti micronutrient formulation. Since April 2022 KVK, Namakkal has started producing and selling banana shakti. Hence, banana growers could purchase banana shakti from KVK, Namakkal on cost basis @ Rs. 250 / kg.

Karaikal

Crops/ Animals	Particulars/ Symptoms of pest/ disease	Agro Advisory
Rice	Insect management	To manage gall midge following methods can be adopted. Apply thiamethoxam 25 WG @ 100 g/ha or fipronil 5 SC @ 1000-1500 ml/ha or fipronil 0.3 GR @ 16 -25 kg/ha.

	Disease management	The prevailing weather condition is favourable for the incidence of blast. Hence, as a preventive measure avoid closer planting of seedlings. If blast infestation is noticed, spray Carbendazim 50 WP @ 1 gram/litre or Trycyclozole 75 WP @ 1 gram/litre.
Goats	Viral enteritis	During rainy days, goats may be affected with viral enteritis. As and when diarrhoea is noticed, immediate treatment should be done at the veterinary dispensary and do not allow the goats to graze outside.
Poultry birds	Coccidiosis	Those who rear poultry birds in deep litter system should avoid dampness in litter material to avoid coccidiosis. If dampness is observed replace it with fresh litter material or apply 5 kg of lime powder per 100 sq ft area.

SMS: Light rain is expected in next five days. Hence, postpone irrigation.

Puducherry

Crop	Stage/ Particulars	Agro Advisory
Rice	Tillering Stage	The cold weather may be inducing zinc deficiency. Hence soil application of zinc sulphate @25kg/ ha or 0.5 % foliar spray may be done..
Coconut	Reproductive Stage	Due to high RH and prevailing rainy weather, apply Copper Oxychloride @ 2gm/lit Water to Prevent Bud Rot in young Coconut Plantations.
Tapioca		Due to cloudy Weather micronutrient deficiency may occur in Tapioca under calcareous soils. Hence, spray 1% ferrous sulphate + 1% Magnesium sulphate + 0.1 % urea solution under enough soil moisture condition
Brinjal	Reproductive Stage	To manage Brinjal shoot borer, apply neem cake 200 kg/ha or spray Emamectin Benzoate 4% SG@ 0.4g/l.
Gourds	Flowering Stage	Spray ethrel @ 100 ppm (1 ml/10 litres of water) in snake gourd and bitter gourd and @ 250 ppm (2.5 ml/10 litres of water) in ribbed gourd, four times commencing from 15 th day after sowing at weekly intervals to increase female flowers.
Cow		To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
		Protect the dairy cows and calves from rain. Protect dry paddy straw and sorghum straw from raining and subsequent fungal contamination. Clean the udder with water before and during milking. Treat the animal if there is mastitis, deteriorated milk from udder.
General Advice		To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

SMS:

Light to very Moderate rainfall will be expected in the forthcoming days so, don't spray any chemicals to crop and better to spray chemicals at the time of no rain.

Puducherry Block level

Ariankuppam, Ozhukarai, Villianur, Bahour, Mannadipet and Nettapakkam Blocks

General Advisory:

Thunderstorm with light to moderate rain is likely to occur one or two places from 24.12.2022 to 28.12.2022

SMS Advisory:

Light to very Moderate rainfall will be expected in the forthcoming days so, don't spray any chemicals to crop and better to spray chemicals at the time of no rain.

Crop(Varieties)	Crop Specific Advisory
RICE	The cold weather may be inducing zinc deficiency. Hence soil application of zinc sulphate @25kg/ ha or 0.5 % foliar spray may be done..

Horticulture(Varieties)	Horticulture Specific Advisory
TAPIOCA	Due to cloudy Weather micronutrient deficiency may occur in Tapioca under calcareous soils. Hence, spray 1% ferrous sulphate + 1% Magnesium sulphate + 0.1 % urea solution under enough soil moisture condition
BRINJAL	To manage Brinjal shoot borer, apply neem cake 200 kg/ha or spray Emamectin Benzoate 4% SG@ 0.4g/l.

Live Stock(Varieties)	Live Stock Specific Advisory
COW	To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy. Protect the dairy cows and calves from rain. Protect dry paddy straw and sorghum straw from raining and subsequent fungal contamination. Clean the udder with water before and during milking. Treat the animal if there is mastitis, deteriorated milk from udder.

=====