



तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श
बुलेटिन

**State Composite Agro-meteorological Advisory
Bulletin for Tamil Nadu and Puducherry
Bulletin No. 101/2023**

For the period 0830 IST, 19th December 2023 to
0830 IST, 24th December 2023

Issued on Tuesday, 19th December 2023

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 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 15.12.23 to 18.12.23 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **26°C – 33°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **14°C – 23°C** during the period.

Minimum temperature of range **20°C - 27°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **08°C - 12°C** during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Tamil Nadu	Puducherry
Widespread (Most places)	--	--
Fairly widespread (Many places)	17.12.23 & 18.12.23	--
Scattered (Few Places)	16.12.23	16.12.23 & 17.12.23
Isolated (One or Two Places)	15.12.23	--
Dry	--	15.12.23 & 18.12.23

Chief Amounts of Rainfall (in cms):-

15.12.23 : Nil

16.12.23 : Mamallapuram PWD Bangalow(Chengalpattu) 5, Zone 12 Meenambakkam (dist Chennai) 4, Kollidam (dist Mayiladuthurai), Lower Anaicut (dist Thanjavur), Vandavasi (dist Tiruvannamalai), Jayamkondam (dist Ariyalur) 3 each, Manalmedu (dist Mayiladuthurai), Zone 10 Kodambakkam (dist Chennai), Bhuvanagiri (dist Cuddalore), Zone 12 D156 Mugalivakkam (dist Chennai), Zone 11 U32 Maduravoyal (dist Chennai), Zone 09 Teynampet (dist Chennai), K.M.Koil (dist Cuddalore), Maduranthagam (dist Chengalpattu) 2 each, Ayanavaram Taluk Office (dist Chennai), Zone 11 Valasaravakkam (dist Chennai), Zone 08 Anna Nagar (dist Chennai), Zone 07 Ambattur (dist Chennai), Uthiramerur (dist Kancheepuram), Zone 06 D65 Kolathur (dist Chennai), Zone 14 Perungudi (dist Chennai), Zone 12 Alandhur (dist Chennai), Chennai (N) (dist Chennai), Parangipettai (dist Cuddalore), VIT_Chennai AWS (dist Chengalpattu), Chennai Airport (dist Chennai), Alandur (dist Chennai), Valasaravakkam (dist Chennai), Zone 06 T.V.K Nagar (dist Chennai), Thirukalukundram (dist Chengalpattu), Chennai(N) AWS (dist Chennai), Meenambakkam AWS (dist Chennai), Zone 07 U18 D81 Vanagaram (dist Chennai), Manali (dist Chennai), Zone 02 Manali (dist Chennai), Kolapakkam ARG (dist Kancheepuram), Zone 08 Malar Colony (dist Chennai), Zone 03 Puzhal (dist Chennai), Zone 03 Madhavaram (dist Chennai), Sirkali (dist Mayiladuthurai), Zone 04 Tondiarpet (dist Chennai), Cheyyar (dist Tiruvannamalai), Nalumukku (dist Tirunelveli), Zone 13 U39 Adyar (dist Chennai), Thiru-Vi-Ka Nagar

(dist Chennai), Perambur (dist Chennai), Chetpet (dist Tiruvannamalai), Kothavacherry (dist Cuddalore), Avadi (dist Tiruvallur), Anna University (dist Chennai), Kodambakkam (dist Chennai), YMCA Nandnam ARG (dist Chennai), KVK Kattukuppam AWS (dist Kancheepuram), Good Will School Villivakkam ARG (dist Tiruvallur), Zone 15 Uthandi (dist Chennai), Zone 05 Royapuram (dist Chennai), Chennai Collector Office (dist Chennai), Ambattur (dist Chennai), Chengalpattu (dist Chengalpattu), Oothu (dist Tirunelveli), Kundrathur (dist Kancheepuram), Thirupporur (dist Chengalpattu), Karaikal (dist Karaikal), Satyabama Uty ARG (dist Kancheepuram), Zone 01 Kathivakkam (dist Chennai), Tambaram (dist Chengalpattu), Koratur (dist Tiruvallur), Poonamallee (dist Tiruvallur), Red Hills (dist Tiruvallur), Walajabad (dist Kancheepuram), Tondairpet (dist Chennai), Thanjavur (dist Thanjavur), Zone 09 Ice House (dist Chennai), Chembarabakkam (dist Kancheepuram), DGP Office (dist Chennai) 1 each.

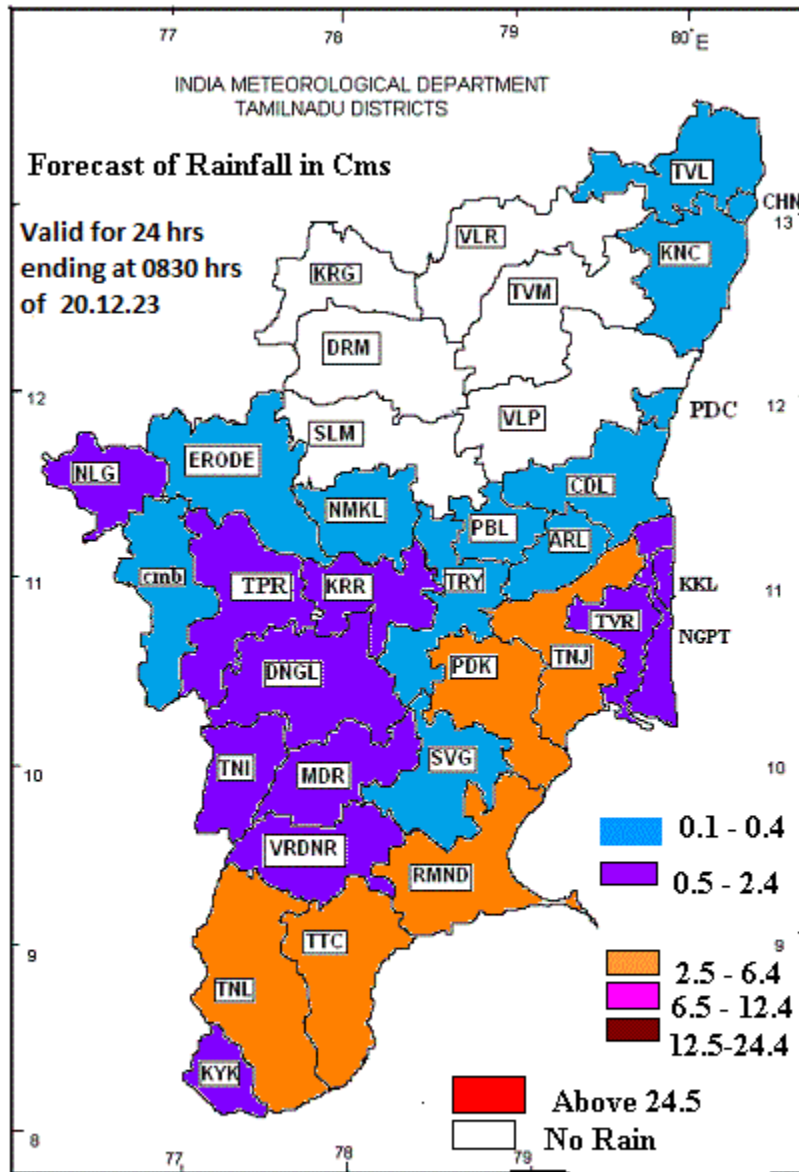
17.12.23 : Nalumukku (dist Tirunelveli) 19, Oothu (dist Tirunelveli) 17, Kakkachi (dist Tirunelveli) 15, Manjolai (dist Tirunelveli) 13, Kanniyakumari (dist Kanniyakumari) 11, Thirukuvalai (dist Nagapattinam), Orthanad (dist Thanjavur) 9 each, Theerthandathanam (dist Ramanathapuram), Muthupet (dist Thiruvarur) 8 each, Tiruvarur (dist Thiruvarur), Vattanam (dist Ramanathapuram), Manamelkudi (dist Pudukkottai), Tondi (dist Ramanathapuram), Thirupathisaram AWS (dist Kanniyakumari), Ramnadu KVK AWS (dist Ramanathapuram), Needamangalam (dist Thiruvarur) 7 each, Mimisal (dist Pudukkottai), Nannilam (dist Thiruvarur), Velankanni (dist Nagapattinam), Thiruthuraipoondi (dist Thiruvarur), Sembanarkoil PWD (dist Mayiladuthurai), Mayiladuthurai (dist Mayiladuthurai), Pattukottai (dist Thanjavur), Kodavasal (dist Thiruvarur), Thalaignayer (dist Nagapattinam), Ramanathapuram (dist Ramanathapuram) 6 each, Nagudi (dist Pudukkottai), Mannargudi (dist Thiruvarur), Radhapuram (dist Tirunelveli), Kodayakarai (dist Nagapattinam), Thiruvidaimaruthur (dist Thanjavur), Madukkur (dist Thanjavur), Pandavaiyar Head (dist Thiruvarur), Manjalaru (dist Thanjavur), Nagapattinam (dist Nagapattinam), Vedaranyam (dist Nagapattinam), Adiramapattinam (dist Thanjavur), Lower Anaicut (dist Thanjavur), Ambasamudram (dist Tirunelveli), Adiramapattinam AWS (dist Thanjavur), Mullanginavillai (dist Kanniyakumari), Ottapadiram (dist Thoothukudi), Kurunthancode (dist Kanniyakumari), Tiruvadana (dist Ramanathapuram) 5 each, Mylaudy (dist Kanniyakumari), Neivasal Thenpathi (dist Thanjavur), Kottaram (dist Kanniyakumari), Peravurani (dist Thanjavur), Kozhiporvilai (dist Kanniyakumari), Sirkali (dist Mayiladuthurai), Kadaladi (dist Ramanathapuram), Valangaiman (dist Thiruvarur), Karaikal (dist Karaikal), Manalmedu (dist Mayiladuthurai), K.M.Koil (dist Cuddalore), Thiruchendur AWS (dist Thoothukudi), Arantangi (dist Pudukkottai), Avudayarkoil (dist Pudukkottai), Mandapam (dist Ramanathapuram), Valinokam (dist Ramanathapuram), Sattankulam ARG (dist Thoothukudi) 4 each, Bhoothapandy (dist Kanniyakumari), Devakottai (dist Sivagangai), Tirupoondi (dist Nagapattinam), Kumbakonam (dist Thanjavur), Kannadaian Anicut (dist Tirunelveli), Kalakadu (dist Tirunelveli), Mambzhathuraiyar (dist Kanniyakumari), Anaikedanku (dist Kanniyakumari), Kulasekarapattinam (dist Thoothukudi), Ayyampettai (dist Thanjavur), Papanasam (dist Tirunelveli), Suralacode (dist Kanniyakumari), Nagercoil (dist Kanniyakumari), Alangudi (dist Pudukkottai), Tarangambadi (dist Mayiladuthurai), Tiruchendur (dist Thoothukudi), Thanjavur (dist Thanjavur), Malaiyur (dist Pudukkottai), Eraniel (dist Kanniyakumari), Kuruvadi (dist Ariyalur), Thuckalay (dist Kanniyakumari), Thanjai Papanasam (dist Thanjavur), Vettikadu (dist Thanjavur), Thanjavur PTO (dist Thanjavur), Kuzhithurai (dist Kanniyakumari), Manimutharu (dist Tirunelveli), Kayalpattinam (dist Thoothukudi), Vamban KVK AWS (dist Pudukkottai), Rameswaram (dist Ramanathapuram), Ayinkudi (dist Pudukkottai) 3 each, Perungalur (dist Pudukkottai), Vilathikulam (dist Thoothukudi), Lalpet (dist Cuddalore), Ariyalur Taluk Office (dist Ariyalur), Ariyalur PTO (dist Ariyalur), Jayamkondam (dist Ariyalur), Mudukulatur (dist Ramanathapuram), Cheranmahadevi (dist Tirunelveli), Servalar Dam (dist Tirunelveli), Palayamkottai (dist Tirunelveli), Perunchani Dam (dist Kanniyakumari), Thirparappu (dist Kanniyakumari), Thangachimadam (dist Ramanathapuram), Pamban (dist Ramanathapuram), Arimalam

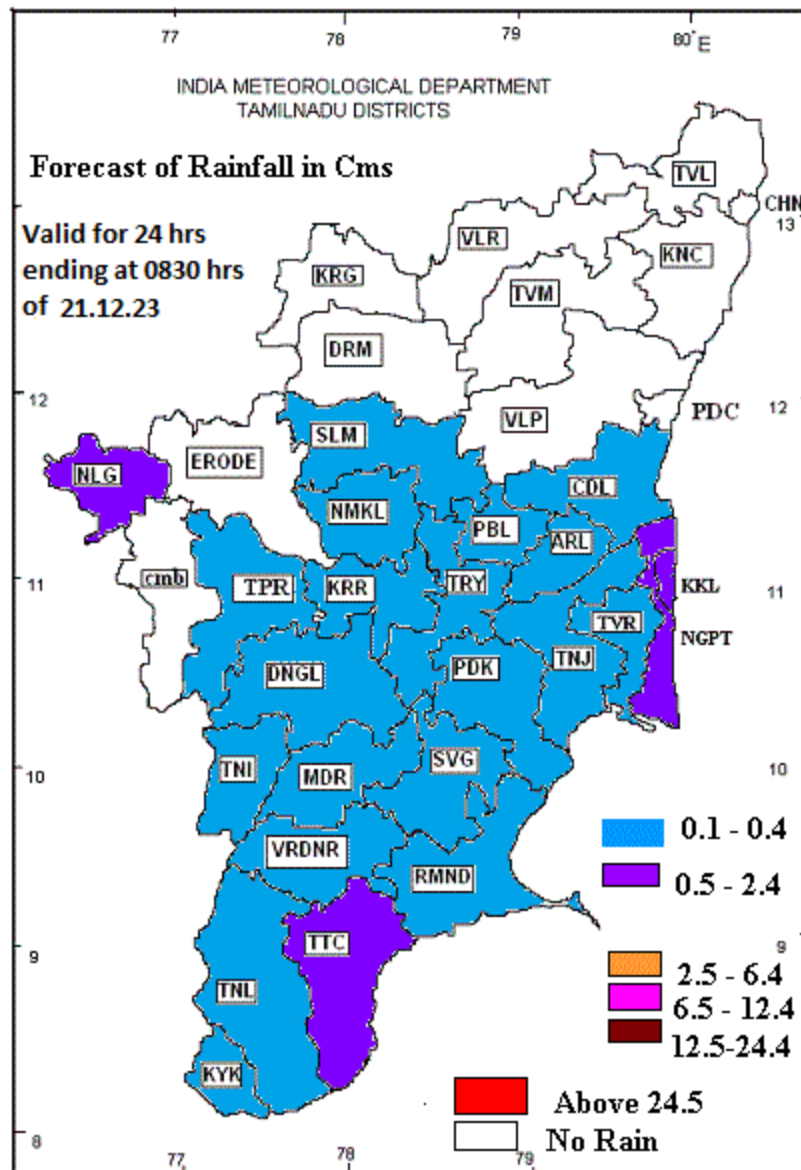
(dist Pudukkottai), Pullambadi (dist Thiruchirappalli), Coonoor PTO (dist The Nilgiris), Puthan Dam (dist Kanniyakumari), Sendurai (dist Ariyalur), Mukkadal Dam (dist Kanniyakumari), Karaiyur (dist Pudukkottai), Pudukkottai (dist Pudukkottai), Kinnakorai (dist The Nilgiris), Kilanilai (dist Pudukkottai), R.S.Mangalam (dist Ramanathapuram), Kadambur (dist Thoothukudi), Pechiparai (dist Kanniyakumari), Kannimar (dist Kanniyakumari), Paramakudi (dist Ramanathapuram), Coonoor (dist The Nilgiris), Suthamalli Dam (dist Ariyalur), Karaikudi (dist Sivagangai), Chittar-I (dist Kanniyakumari), Kallakudi (dist Thiruchirappalli), Tirunelveli (dist Tirunelveli), Nanguneri (dist Tirunelveli), Vaippar (dist Thoothukudi) 2 each, Aralvaimozhi (dist Kanniyakumari), Balamore (dist Kanniyakumari), Kalial (dist Kanniyakumari), Chamraj Estate (dist The Nilgiris), Kayathar (dist Thoothukudi), Surangudi (dist Thoothukudi), Budalur (dist Thanjavur), Tirupathur (dist Sivagangai), Echanviduthi (dist Thanjavur), Karambakudi (dist Pudukkottai), Nandhiyar Head (dist Thiruchirappalli), Adayamadai (dist Kanniyakumari), Vallam (dist Thanjavur), Thirumanur (dist Ariyalur), Puthu Vettakudi (dist Perambalur), Burliar (dist The Nilgiris), Colachel (dist Kanniyakumari), Tirukattupalli (dist Thanjavur), Sivagangai PWD TB (dist Sivagangai), Thuvakudi lmti (dist Thiruchirappalli), Kodumudiyaru Dam (dist Tirunelveli), Tiruvaiyaru (dist Thanjavur), Vadakuthu (dist Cuddalore), Kamudhi (dist Ramanathapuram), Tirumayam (dist Pudukkottai), Sivaganga (dist Sivagangai), Kudimiyamalai (dist Pudukkottai), Alakarai Estate (dist The Nilgiris), Kunda Bridge (dist The Nilgiris), Moolaikaraipatti (dist Tirunelveli), Grand Anaicut (dist Thanjavur), Ponnamaravathi (dist Pudukkottai), Old Taluk Office Srivaikuntam (dist Thoothukudi), Perambalur (dist Perambalur), Adar Estate (dist The Nilgiris), Gadana Dam (dist Tenkasi), Singampunari (dist Sivagangai), Nambiyar Dam (dist Tirunelveli), Parangipettai (dist Cuddalore), Tiruchirappalli Airport (dist Thiruchirappalli), Thianiamangalam (dist Madurai), Sattur (dist Virudhunagar), Kurinjipadi (dist Cuddalore), Kamudhi ARG (dist Ramanathapuram), Veppanthattai (dist Perambalur), Samayapuram (dist Thiruchirappalli), Thenparanadu (dist Thiruchirappalli), Emerald (dist The Nilgiris), Annamalai Nagar (dist Cuddalore), Pallamorkulam (dist Ramanathapuram) 1 each.

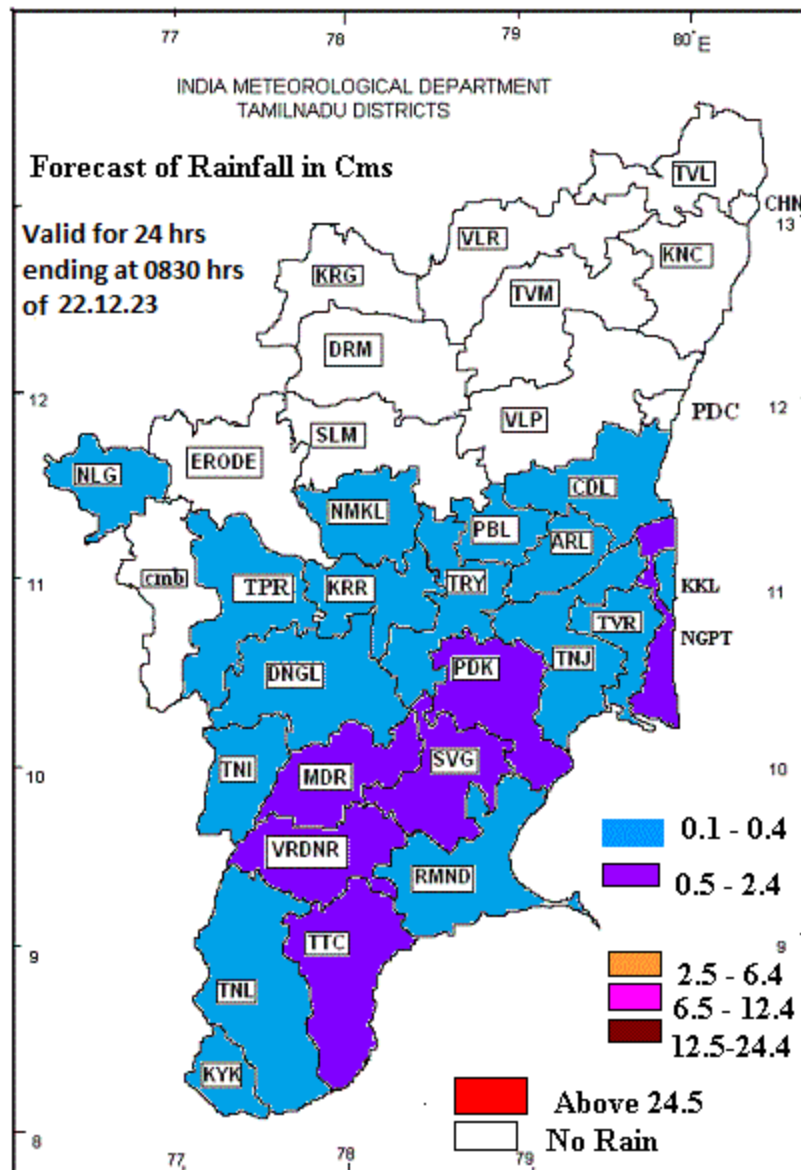
18.12.23 : Kayalpattinam (dist Thoothukudi) 95, Tiruchendur (dist Thoothukudi) 69, Old Taluk Office Srivaikuntam (dist Thoothukudi) 62, Thiruchendur AWS (dist Thoothukudi), Moolaikaraipatti (dist Tirunelveli) 61 each, Manjolai (dist Tirunelveli) 55, Kovilpatti (dist Thoothukudi) 53, Gundar Dam (dist Tenkasi) 51, Oothu (dist Tirunelveli) 50, Nalumukku (dist Tirunelveli) 47, Palayamkottai (dist Tirunelveli) 44, Ambasamudram (dist Tirunelveli) 43, Maniyachi (dist Thoothukudi) 42, Cheranmahadevi (dist Tirunelveli) 41, Kannadaian Anicut (dist Tirunelveli) 41 each, Ottapadiram (dist Thoothukudi), Kadambur (dist Thoothukudi) 37 each, Kakkachi (dist Tirunelveli), Nambiyar Dam (dist Tirunelveli) 36 each, Papanasam (dist Tirunelveli) 35, Nanguneri (dist Tirunelveli), Kulasekarapattinam (dist Thoothukudi), Manimutharu (dist Tirunelveli) 33 each, Kalakadu (dist Tirunelveli) 32, Tirunelveli (dist Tirunelveli) 31, Kodumudiyaru Dam (dist Tirunelveli), Shencottah (dist Tenkasi), Mylaudy (dist Kanniyakumari), Vedanatham (dist Thoothukudi) 30 each, Radhapuram (dist Tirunelveli), Servalar Dam (dist Tirunelveli), Kayathar (dist Thoothukudi) 27 each, Vilathikulam (dist Thoothukudi) 26, Gadana Dam (dist Tenkasi), Vaippar (dist Thoothukudi) 22 each, Ayikudi (dist Tenkasi), Ramanadhi Dam Section (dist Tenkasi) 21 each, Sattur (dist Virudhunagar) 20, Kalugumalai (dist Thoothukudi) 19, Nagercoil (dist Kanniyakumari), Kottaram (dist Kanniyakumari), Vembakottai (dist Virudhunagar) 18 each, Kanniyakumari (dist Kanniyakumari), Ettayapuram (dist Thoothukudi), Sivakasi (dist Virudhunagar), Manamadurai (dist Sivagangai), Aruppukottai KVK AWS (dist Virudhunagar), Kovilankulam (dist Virudhunagar), Thenkasi (dist Tenkasi) 17 each, Surangudi (dist Thoothukudi), Sivagiri (dist Tenkasi), Kannimar (dist Kanniyakumari) 16 each, Srivilliputhur (dist Virudhunagar), Thiruchuzhi (dist Virudhunagar), Virudhunagar AWS (dist Virudhunagar), Watrap (dist Virudhunagar) 15 each, Pilavakkal Periyar Dam (dist Virudhunagar), Bhoothapandy (dist Kanniyakumari), Rajapalayam (dist Virudhunagar) 14 each, Thirupathisaram AWS (dist Kanniyakumari) , Kadalkudi (dist Thoothukudi), Suralacode (dist

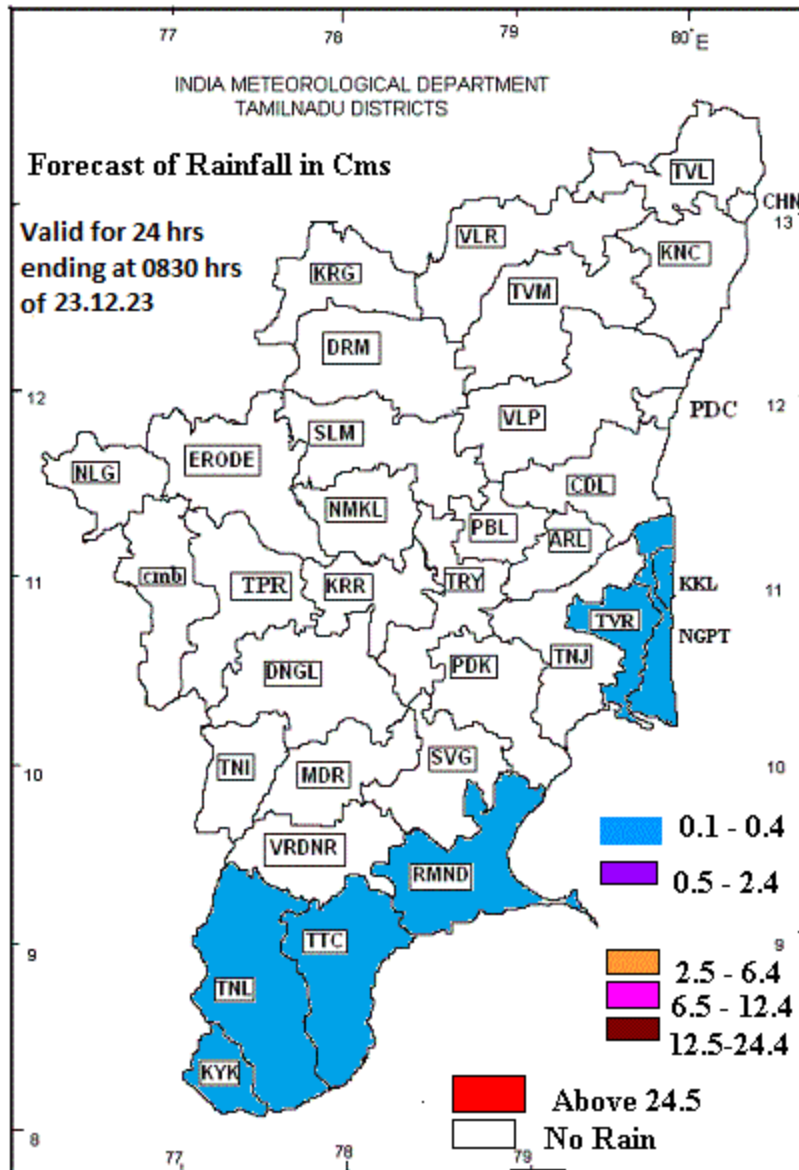
Kanniyakumari), Karuppanadhi Dam (dist Tenkasi), Kamudhi (dist Ramanathapuram), Virudhunagar (dist Virudhunagar), Sothuparai (dist Theni) 13 each, Arupukottai (dist Virudhunagar), Mambzhathuraiyaru (dist Kanniyakumari), Anaikedanku (dist Kanniyakumari), Pechiparai (dist Kanniyakumari), Thirparappu (dist Kanniyakumari), Perunchani Dam (dist Kanniyakumari), Kurunthancode (dist Kanniyakumari), Chittar-I (dist Kanniyakumari) 12 each, Puthan Dam (dist Kanniyakumari), Aralvaimozhi (dist Kanniyakumari), Elumalai (dist Madurai), Kozhiporvilai (dist Kanniyakumari), Ramnadu KVK AWS (dist Ramanathapuram), Thekkadi (dist Theni), Kamudhi ARG (dist Ramanathapuram), Kadaladi (dist Ramanathapuram), Veerapandi (dist Theni) 11 each, Ramanathapuram (dist Ramanathapuram), Kodaikanal (dist Dindigul), Eraniel (dist Kanniyakumari), Peraiyur (dist Madurai) 10 each, Periyakulam (dist Theni), Paramakudi (dist Ramanathapuram), Aranmanaipudur (dist Theni), Mukkadal Dam (dist Kanniyakumari), Kalial (dist Kanniyakumari), Shanmuganadhi (dist Theni), Mudukulatur (dist Ramanathapuram), Andipatti (dist Theni), Kuzhithurai (dist Kanniyakumari), Bodinaickanur (dist Theni) 9 each, Periyar (dist Theni), Kariyapatti (dist Virudhunagar), Thuckalay (dist Kanniyakumari), Sankarankoil (dist Tenkasi), Adayamadai (dist Kanniyakumari), Adavinainnarkoil Dam (dist Tenkasi) 8 each, Vaigai Dam (dist Theni), Amaravathy Dam (dist Tiruppur), Colachel (dist Kanniyakumari), Tondi (dist Ramanathapuram), Kallikudi (dist Madurai), Valinokam (dist Ramanathapuram), Mullanginavillai (dist Kanniyakumari) 7 each, Usilampatti (dist Madurai), R.S.Mangalam (dist Ramanathapuram), Thirumoorthi Dam (dist Tiruppur) 6 each, Thirumoorthy IB (dist Tiruppur), Illayangudi (dist Sivagangai), Pamban (dist Ramanathapuram), Manjalar (dist Theni), Palani (dist Dindigul), Theerthandathanam (dist Ramanathapuram), Chinnakalar (dist Coimbatore), Kovilpatti AWS (dist Thoothukudi), PWD Makkinampatti (dist Coimbatore), Tirumangalam (dist Madurai), Vattanam (dist Ramanathapuram), Balamore (dist Kanniyakumari) 5 each, Madathukulam (dist Tiruppur), Rameswaram (dist Ramanathapuram), Thangachimadam (dist Ramanathapuram), Andipatti (dist Madurai), Nilakottai (dist Dindigul), Azhiyar (dist Coimbatore), Tirupuvanam (dist Sivagangai) 4 each, Madurai Airport (dist Madurai), Udumalpet (dist Tiruppur), Tiruvadana (dist Ramanathapuram), Vadipatti (dist Madurai), Gudalur (dist Theni), Valparai PTO (dist Coimbatore), Pollachi (dist Coimbatore), Thenparanadu (dist Thiruchirappalli), Valparai PAP (dist Coimbatore), Sivagangai PWD TB (dist Sivagangai), Valparai Taluk Office (dist Coimbatore), Ayinkudi (dist Pudukkottai) 3 each, Anaimalai Taluk Office (dist Coimbatore), Sholavandan (dist Madurai), Mandapam (dist Ramanathapuram), Cincona (dist Coimbatore), Madurai city (dist Madurai), Madurai North (dist Madurai), Sivaganga (dist Sivagangai), Dharapuram (dist Tiruppur), Mimosal (dist Pudukkottai), Tallakulam (dist Madurai), Devala (dist The Nilgiris), Uppar Dam (dist Tiruppur) 2 each, Manamelkudi (dist Pudukkottai), Kothavacherry (dist Cuddalore), Dindigul (dist Dindigul), Kurinjpadi (dist Cuddalore), Uttamapalayam (dist Theni), Nagudi (dist Pudukkottai), Periyapatti (dist Madurai), Sholayar (dist Coimbatore), Kodanad (dist The Nilgiris), Ketti (dist The Nilgiris), PWD Vaarappatti (dist Coimbatore), Mettupatti (dist Madurai), Devakottai (dist Sivagangai), Kinnakorai (dist The Nilgiris), Sulur (dist Coimbatore), Vedaranyam (dist Nagapattinam), Chittampatti (dist Madurai), Coimbatore AP (dist Coimbatore), Coonoor PTO (dist The Nilgiris), Kuppanampatti (dist Madurai), Vadakuthu (dist Cuddalore), Kundadam (dist Tiruppur), Coonoor (dist The Nilgiris), Vedasandur (dist Dindigul), Tobacco Station (VDR) (dist Dindigul), Pallamorkulam (dist Ramanathapuram), Marungapuri (dist Thiruchirappalli), Kamatchipuram (dist Dindigul), Kunda Bridge (dist The Nilgiris), Podanur Railway Station (dist Coimbatore), Kinathukkadavu (dist Coimbatore), Periyanaickenpalayam (dist Coimbatore), Viraganur Dam (dist Madurai), Avudayarkoil (dist Pudukkottai), Kilanilai (dist Pudukkottai), Me Mathur (dist Cuddalore), Thondamuthur (dist Coimbatore), Adar Estate (dist The Nilgiris), Nallathangal Reservoir (dist Tiruppur) 1 each.

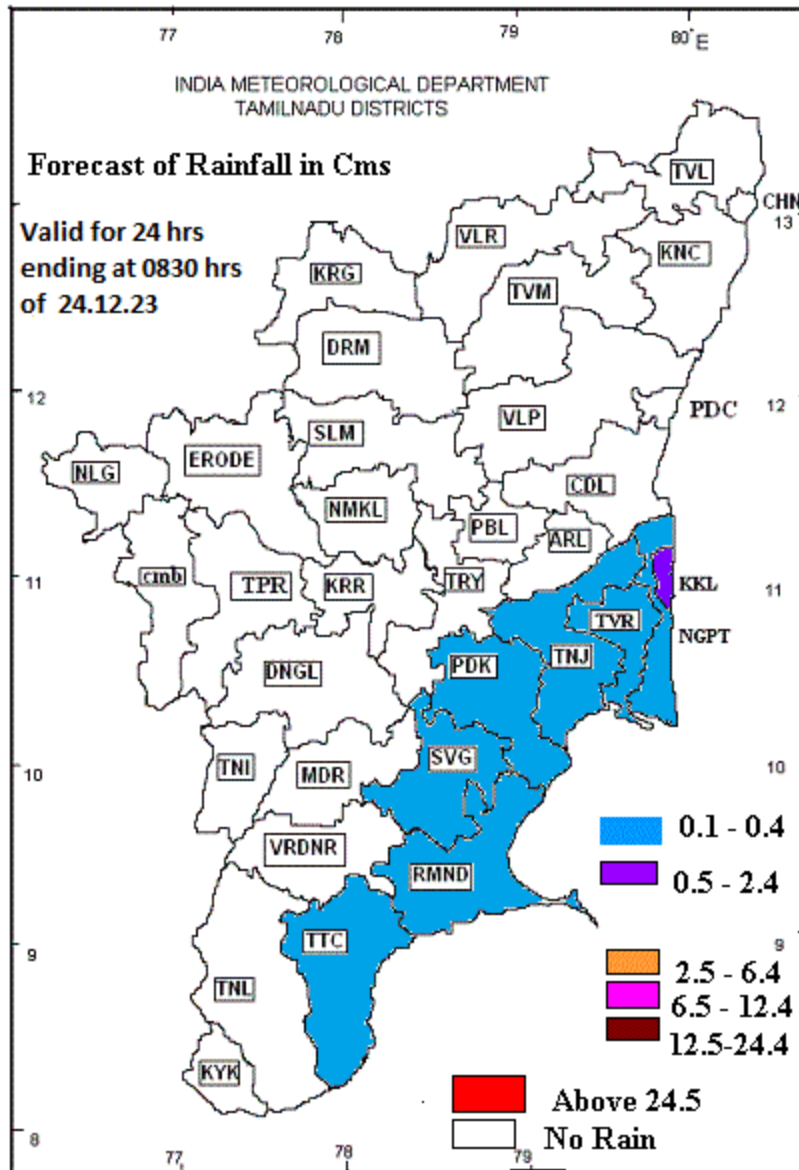
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 19.12.23
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

Chennai

SMS Advisory:

(20.12.2023-24.12.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory

- 1.Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
- 2.Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
- 3.The surplus fodder available must be preserved as silage for summer feeding.
- 4.Newly born piglets must be protected from cold drafts
- 5.The livestock must be provided in clean wholesome drinking water
- 6.To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
- 7.To prevent water stagnation proper drainage must be provided in livestock shelter.
- 8.The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
- 9.Add 5%shell grit in laying hens for optimum egg production.

Kancheepuram

SMS Advisory:

(20.12.2023-24.12.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory

- 1.Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
- 2.Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
- 3.The surplus fodder available must be preserved as silage for summer feeding.
- 4.Newly born piglets must be protected from cold drafts
- 5.The livestock must be provided in clean wholesome drinking water
- 6.To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
- 7.To prevent water stagnation proper drainage must be provided in livestock shelter.
- 8.The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
- 9.Add 5%shell grit in laying hens for optimum egg production.

Agricultural advisory

Rice:

Farmers may protect rice Nursery from heavy rainfall by creating proper drainage facility and advised to raise the seedlings in raised bed nursery system or mat nursery. There are possibilities of Blast disease infestation in paddy crops. For management farmers may spray Carbendazim or Tricyclazole @ 1 g /lit of water.

There are possibilities of Sheath Rot infestation in paddy. If farmers are observed Discoloration in the flag leaf sheath and Rotting, farmers may spray Hexaconazole 75% WG @ 100 mg/ lit twice at 15 days interval

Sugarcane:

To avoid the side shoot germination from internodes in sugarcane farmers may detrash the sugarcane and advised to go for double line propping with trash twist.

Banana:

Farmers are advised to prop their banana aged above five months to avoid crop lodging.

Mango:

Farmers are advised to prun the excess tree branches to avoid damage in fruit trees.

Villupuram

SMS Advisory:

(20.12.2023-24.12.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory

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

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

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

4.Newly born piglets must be protected from cold drafts

5.The livestock must be provided in clean wholesome drinking water

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

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

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

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

Agricultural advisory

Rice:

Due to prevailing weather conditions leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

Due to prevailing weather conditions favorable, 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.

Cotton:

Due to prevailing weather conditions, there are chances of cotton root rot infection. To control spot drench with carbendazim 1.0 g/l.

Cashew:

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyrifos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

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.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply Bacillus subtilis 1.0 kg/ha + Paecilomyceslilacinus 1.0 kg/ha at 2, 4 and 6th months of planting.

Tiruvannamalai

SMS Advisory:

(20.12.2023-24.12.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory

- 1.Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day.
- 2.Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
- 3.The surplus fodder available must be preserved as silage for summer feeding.
- 4.Newly born piglets must be protected from cold drafts
- 5.The livestock must be provided in clean wholesome drinking water
- 6.To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
- 7.To prevent water stagnation proper drainage must be provided in livestock shelter.
- 8.The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
- 9.Add 5%shell grit in laying hens for optimum egg production.

Agricultural advisory

Rice:

Drain the excess water if young seedlings are completely affected by cyclonic storm and replant the same variety to maintain the crop population.

Groundnut:

Drain out excess water in groundnut field and resowing of same variety in cyclone affected fields.

Redgram:

Foliar spray of TNAU Pulse Wonder @ 2 kg/acre in 200 litres of water at flower initiation stage decreases flower shedding, increases yield.

Tiruvallur

From extended range forecast Above normal rainfall, Normal maximum temperature and minimum temperature expected for the period of 24.12.2023 to 30.12.2023 over Tamil Nadu. farmers are advised to spray pesticide/fungicide with sticking agent.

Crop Stage	Crop Specific Advisory
RICE	Samba Season-Panicle Initiation to Harvesting Stages-Due to prevailing weather conditions may be expected for following pest and disease in paddy fields in order to control-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) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water; 3. Rice blast - Spray metominostrobin 20 SC @ 200 ml per acre in 200 litres of water or Spray Azoxystrobin 25 SC @ 200 ml per acre in 200 litres of water; 4. False smut- Spray for Propiconazole 25 EC @ 200 ml/ha (or) Copper hydroxide 77 WP @ 500g /acre at boot leaf and 50% flowering stages

RICE	Navarai Season- Seed Treatment- Biofertilizers like Azospirillum / Phosphobacteria / Pseudomonas (@ 1.25 kg / 60 – 70 kg of seeds/hectre) in one litre of cooled rice gruel. Spread the sprouted seeds on a clean floor, add the biofertiliser slurry and mix well. The mixing of seed and biofertiliser slurry can be done in a pot as well. Dry the seeds in the shade for 30 minutes before sowing. Drying the seeds for half an hour in the bright sun before sowing improves germination and seedling vigour.
BLACK GRAM	Foliar spray of TNAU Pulse Wonder @ 2 kg/acre in 200 litres of water at flower initiation stage decreases flower shedding, increases yield.
GROUNDNUT	Foliar spray of TNAU Groundnut Rich @ 2 kg/acre in 200 litres of water at More flower retention Improves pod filling, Increases pod yield up to 15 per cent, Improves drought tolerance
Horticulture Stage	Horticulture Specific Advisory
CHILLI	Due to prevailing weather conditions leaf spot disease infestation occurrence in chilli fields in order to control spray copper oxychloride @ 2.5 g/l litre of water.
BRINJAL	Due to prevailing weather conditions may be expected for following pest and disease in brinjal fields in order to control 1.Fruit borer- Spray Neem Seed Kernel Extract 5 % (or) Spray Dimethoate 30 % EC 7.0 ml/10 l. 2.Little Leaf - Remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector.

Vellore

General Advisory:

As per the IMD extended range forecast (ERF), above normal rainfall and normal temperature is likely over Tamil Nadu and Puducherry during 24th to 30th December, 2023. Prevailing weather condition is favorable for pest and disease incidence. So, Farmers are advised to monitoring the fields regularly and take precaution measures.

SMS Advisory:

Dry weather may be expected on forthcoming days. So farmers are advised to irrigate depending on soil moisture

Crop Stage	Crop Specific Advisory
PIGEON PEA (RED GRAM/ARHAR)	Foliar spray of TNAU Pulse Wonder @ 2 kg/acre in 200 litres of water at flower initiation stage decreases flower shedding, increases yield.
RICE	Drain the excess water if young seedlings are completely affected by cyclonic storm and replant the same variety to maintain the crop population.

Live Stock Specific Advisory:

Live Stock	Live Stock Specific Advisory
COW	The drinking troughs should be kept clean and animals should be provided clean and fresh water. During rainy season the cattle and small ruminants should not be fed with water spoiled fodder, which may cause fever and diarrhea.

Poultry Specific Advisory:

Poultry	Poultry Specific Advisory
HEN	The poultry shed should be maintain deep litter as dry (if moisture, mix with lime powder).

Cuddalore

General Advisory:

From extended range forecast Above normal rainfall, maximum temperature and minimum temperature expected for the period of 24.12.2023 to 30.12.2023 over Tamil Nadu.

SMS Advisory:

Light rainfall with high relative humidity and high wind speed expected conditions favorable for pest and disease incidence.

Rice

Due to prevailing weather conditions leaf folder and stem borer infestation 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 conditions favorable, 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.

Cotton

Due to prevailing weather conditions, there are chances of cotton root rot infection. To control spot drench with carbendazim 1.0 g/l.

Cashew

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyrifos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

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.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply *Bacillus subtilis* 1.0 kg/ha + *Paecilomyces lilacinus* 1.0 kg/ha at 2, 4 and 6th months of planting.

Cow

Due to high humidity young animals suffer for pneumonia, seek the veterinary doctors advice. Allow the animal for grazing after drying of the water dews in the graze.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Drizzling or light rainfall is expected during next week with wind speed of 4 -10 km/hr in western zone districts. By utilizing the favourable weather and soil moisture, complete all the postponed sprays, fertilizer application and weeding during non rainy period.
Rice	Vegetative	Prevailing weather condition is favourable for false smut attack in rice. To control 1 ml propiconazole or 1ml hexaconazole or copper oxychloride 2.5 g/lit or copper hydroxide 2.5 g/ lit. If required repeat the spray at 15 days interval. Since weather condition is favourable for blast incidence in rice farmers are requested to monitor the crop carefully and spray initially with tricyclozone @ 1g / litre followed by second spray with 1g carbendazim / litre of water. Because of low temperature and high relative humidity, infection from bacterial leaf blight is expected in rice crop. To control spray Streptomycin sulphate + Tetracycline combination 300 g + Copper oxychloride 1250 g/ha or Copper hydroxide 2g/lit of water. If necessary repeat 15 days later.
Coconut		This is best time for second dose application of fertilizer to coconut at 650 g urea + 1 kg super phosphate + 1 kg muriate of potash / tree.
Grapes		Prevailing low temperature with more relative humidity is favourable for powdery mildew incidence in grapes and to control the above disease spray 0.3% of wettable sulphur or dust sulphur @ 6 to 12kg /ha. in the early morning. Downy mildew incidences noticed, spray cymoxanil 8% + Mancozeb 64% @ 1g/liter
Animal Husbandry		Considering the monsoon season, and consumption of grasses, deworming may be given to sheep, goat, cattle and milch animals. Prevailing temperature is low during day and night. Provide adequate heating to young birds.

SMS advisory

Prevailing temperature is low during day and night. Provide adequate heating to young birds through lights and gunny bags screens.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Drizzling or light rainfall is expected during next week with wind speed of 4 -10 km/hr in western zone districts. By utilizing the favourable weather and soil moisture, complete all the postponed sprays, fertilizer application and weeding during non rainy period.
Rice	Vegetative	Prevailing weather condition is favourable for false smut attack in rice. To control 1 ml propiconazole or 1ml hexaconazole or copper oxychloride 2.5 g/lit or copper hydroxide 2.5 g/ lit. If required repeat the spray at 15 days interval. Since weather condition is favourable for blast incidence in rice farmers are requested to monitor the crop carefully and spray initially with tricyclozone @ 1g / litre followed by second spray with 1g carbendazim / litre of water. Because of low temperature and high relative humidity, infection from bacterial leaf blight is expected in rice crop. To control spray Streptomycin sulphate + Tetracycline combination 300 g + Copper oxychloride 1250 g/ha or Copper hydroxide 2g/lit of water. If necessary repeat 15 days later.
Coconut		This is best time for second dose application of fertilizer to coconut at 650 g urea + 1 kg super phosphate + 1 kg muriate of potash / tree.
Animal Husbandry		Considering the monsoon season, and consumption of grasses, deworming may be given to sheep, goat, cattle and milch animals. Prevailing temperature is low during day and night. Provide adequate heating to young birds.

SMS advisory

Prevailing temperature is low during day and night. Provide adequate heating to young birds through lights and gunny bags screens.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Drizzling or light rainfall is expected during next week with wind speed of 4 -10 km/hr in western zone districts. By utilizing the favourable weather and soil moisture, complete all the postponed sprays, fertilizer application and weeding during non rainy period.
Rice	Vegetative	Prevailing weather condition is favourable for false smut attack in rice. To control 1 ml propiconazole or 1ml hexaconazole or copper oxychloride 2.5 g/lit or copper hydroxide 2.5 g/ lit. If required repeat the spray at 15 days interval.

		<p>Since weather condition is favourable for blast incidence in rice farmers are requested to monitor the crop carefully and spray initially with tricyclozone @ 1g / litre followed by second spray with 1g carbendazim / litre of water.</p> <p>Because of low temperature and high relative humidity, infection from bacterial leaf blight is expected in rice crop. To control spray Streptomycin sulphate + Tetracycline combination 300 g + Copper oxychloride 1250 g/ha or Copper hydroxide 2g/lit of water. If necessary repeat 15 days later.</p>
Coconut		This is best time for second dose application of fertilizer to coconut at 650 g urea + 1 kg super phosphate + 1 kg muriate of potash / tree.
Animal Husbandry		<p>Considering the monsoon season, and consumption of grasses, deworming may be given to sheep, goat, cattle and milch animals.</p> <p>Prevailing temperature is low during day and night. Provide adequate heating to young birds.</p>

SMS advisory

Prevailing temperature is low during day and night. Provide adequate heating to young birds through lights and gunny bags screens.

Nilgiris

Foliar application of water-soluble micronutrient mixture @ 0.5 g/liter of water during 30, 45 and 60 days after planting may be done to increase the Garlic bulb yield. Spray may be given during rain free period. To manage leaf spot in carrot crop, foliar application of mancozeb @ 2 g/l is recommended. Spray may be given during rain free period.

Horticulture Stage	Horticulture Specific Advisory
POTATO (Vegetative)	To manage Late blight in potato crop, foliar spray of mancozeb @ 2 g/l or chlorothalonil @ 2 g/l on 45, 60 and 75 days after planting is recommended. Spray may be given during rain free period.
COCONUT (Fruit formation)	To manage coconut rugose spiraling 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 palms is recommended.
Horticulture Stage	Horticulture Specific Advisory
BLACK PEPPER (Fruit Maturity)	To manage wilt in pepper, farmers are advised to do the application of copper oxychloride @ 0.2 % (soil drenching) or potassium phosphonate @ 0.3% or metalaxyl @ 0.1 % is recommended. To manage wilt in pepper, farmers are advised to do the application of copper oxychloride @ 0.2 % (soil drenching) or potassium phosphonate @ 0.3% or metalaxyl @ 0.1 % is recommended. Spray may be given during rain free period.

Nilgiris Block level

Coonoor, Gudalur, Kotagiri and Ooty Blocks

Foliar application of water-soluble micronutrient mixture @ 0.5 g/liter of water during 30, 45 and 60 days after planting may be done to increase the Garlic bulb yield. Spray may be given during rain free period. To manage leaf spot in carrot crop, foliar application of mancozeb @ 2 g/l is recommended. Spray may be given during rain free period.

Horticulture Stage	Horticulture Specific Advisory
POTATO (Vegetative)	To manage Late blight in potato crop, foliar spray of mancozeb @ 2 g/l or chlorothalonil @ 2 g/l on 45, 60 and 75 days after planting is recommended. Spray may be given during rain free period.
COCONUT (Fruit formation)	To manage coconut rugose spiraling whitefly 1. Release of <i>Encarsia guadeloupae</i> @ 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 <i>Chrysoperla zastrowi sillemi</i> eggs @ 500/ac in young palms is recommended.
Horticulture Stage	Horticulture Specific Advisory
BLACK PEPPER (Fruit Maturity)	To manage wilt in pepper, farmers are advised to do the application of copper oxychloride @ 0.2 % (soil drenching) or potassium phosphonate @ 0.3% or metalaxyl @ 0.1 % is recommended. To manage wilt in pepper, farmers are advised to do the application of copper oxychloride @ 0.2 % (soil drenching) or potassium phosphonate @ 0.3% or metalaxyl @ 0.1 % is recommended. Spray may be given during rain free period.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

Crop	Stage	Advisory
General		Deepen the drainage channel and link with farm ponds towards rain water harvesting.
Rice	Main field	The prevailing weather condition favors leaf folder incidence. If leaf folder symptoms found (folded leaf, white scrape on leaf) spray Cartap hydrochloride 50 % SP @ 400 g/acre or Flubendiamide 20% WG 50 g/acre in 200 liter of water after rain. The prevailing weather condition favorable for gall midge infection in rice. It leads to the formation of onion like leaf and prevents the panicle formation. To control this apply Fipronil 0.3 G @ 7 kg/ acre or chlorantraniliprole 0.4 w/w @ 4kg/acre after rain.
Banana		Provide support with wooden poles to avoid lodging of tree due to rain and wind.
Cattle	Cow	Keep calves and lambs on upland areas to protect from rain.

SMS advisory

Deepen the drainage channel and link with farm ponds towards rain water harvesting.

Tiruchirapalli

Tamilnadu's average rainfall is likely to be normal during this week. Light to Heavy rainfall expected in forthcoming days. So farmers are requested to postpone the spraying process or spray in alternative days.

Crop Stage	Crop Specific Advisory
BLACK GRAM	For blackgram spray pulse wonder 2kg/acre in 200 litres of water with adequate quantity of wetting agent at the stage of peak flowering. Benefits: Decreases flower shedding, Increases yield up to 20 per cent and Increases drought tolerance.
Horticulture Stage	Horticulture Specific Advisory
COCONUT	Coconut Tonic: Root feeding of the tonic @ 200 ml / palm twice a year at six months interval. Benefits: Increases chlorophyll content and greenness of leaves, Improves photosynthetic efficiency of leaves, Decreases button shedding, Increases number and size of nuts, Increases nut yield up to 20 per cent, Increases longevity and vigour of the palm, Imparts resistance to pests, diseases and environmental stresses.
CHILLI	Due to prevailing weather the powdery mildew incidence may occur in chillies. To control, spray carbendazim @ 1 g/l three sprays at 15 days interval from the first appearance of symptoms.
Live Stock	Live Stock Specific Advisory
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.
GOAT	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ecto - parasites in sheep and goats.

Tiruchirapalli Block level

Andanallur, Lalgudi, Manachanellur, Manapparai, Manikandam, Marungapuri, Musiri, Pullambadi, Tattayangarpettai, Thiruverambur, Thottiam, Turaiyur, Uppiliapuram & Vaiyampatti Blocks

Tamilnadu's average rainfall is likely to be normal during this week. Light to Heavy rainfall expected in forthcoming days. So farmers are requested to postpone the spraying process or spray in alternative days.

Crop Stage	Crop Specific Advisory
BLACK GRAM	For blackgram spray pulse wonder 2kg/acre in 200 litres of water with adequate quantity of wetting agent at the stage of peak flowering. Benefits: Decreases flower shedding, Increases yield up to 20 per cent and Increases

	drought tolerance.
Horticulture Stage	Horticulture Specific Advisory
COCONUT	Coconut Tonic: Root feeding of the tonic @ 200 ml / palm twice a year at six months interval. Benefits: Increases chlorophyll content and greenness of leaves, Improves photosynthetic efficiency of leaves, Decreases button shedding, Increases number and size of nuts, Increases nut yield up to 20 per cent, Increases longevity and vigour of the palm, Imparts resistance to pests, diseases and environmental stresses.
CHILLI	Due to prevailing weather the powdery mildew incidence may occur in chillies. To control, spray carbendazim @ 1 g/l three sprays at 15 days interval from the first appearance of symptoms.
Live Stock	Live Stock Specific Advisory
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.
GOAT	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ecto - parasites in sheep and goats.

Dindigul

SMS Advisory	Chances of Moderate rain on 20 Dec & light rain on 21, 22 Dec. Maximum temperature would be in the range of 23°C to 25°C and the minimum temperature would be between 22°C - 23°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 6-8 Kmph from, Northeast direction.
-----------------	---

General Advisory:

Since cloudy humid weather is prevailing, farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests.

Since light to Moderate rainfall is expected for the next three days, farmers are advised to provide adequate drainage facilities to all crops fields.

Provide drainage facilities in the in Paddy and other fields to avoid water stagnation.

Weather Based Agro-Advisories: (Tomato, Cotton & Animal Husbandry).

Tomato:

The incense of Early Blight is expected in Tomato. This is a common disease of tomatoes occurring on the foliage at any stage of growth.

The fungus attacks the foliage causing characteristic leaf spots and blight. Blight is first observed on the plants as small, black lesions mostly on the older foliage. Lesions on the stems are similar to those on leaves, which also infects the fruit. Lesions usually involve nearly the entire fruit.

Remove and destroy the crop debris.

To control foliar spray Difenconazole @ 15ml with 10 litres of water.

Spraying activity can be carried out during the non-rainy day.

Cotton:

Spraying of Naphthalene Acetic Acid (NAA) for Cotton crop will give good results. 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.

Animal Husbandry:

Due to the prevailing cold weather conditions, cattle rearers are advised to allow the cattle to graze only after 2 hours of sunrise.

Cover the cow shed with gunny bags, and keep the floor in dry condition.

Dry fodder and greens should be fed without moisture to avoid fungal infection.

Madurai

SMS Advisory	Chances of Moderate rain on 20 Dec & light rain on 21, 22 Dec. Maximum temperature would be in the range of 23°C to 25°C and the minimum temperature would be between 22°C - 23°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 10-12 Kmph from, Northeast direction.
--------------	---

General Advisory:

Since cloudy humid weather is prevailing, farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests.

Wind with the speed of 10 to 12 kmphs expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Since light to Moderate rainfall is expected for the next three days, farmers are advised to provide adequate drainage facilities to all crops fields.

Provide drainage facilities in the in Paddy and other fields to avoid water stagnation.

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

Banana:

The incidence of yellow Sigatoka disease is seen in Banana fields. The symptoms are slight discolouration between the leaf's secondary veins.

Over a while these points develop into pale yellow streaks, brown streaks and elliptic necrotic spots arranged parallel to the secondary veins. This disease spread rapidly.

To control this, add 10gms of Pseudomonas Fluorescence + 10gms of Bacillus Subtilis + 10 ml of Panchakavya + 5gms of Jaggery in one litre of water and spray it during the morning or evening hours.

Crop protection activities should be done only on non-rainy days.

Paddy:

The incense of Brown Spot disease is expected in Paddy. The disease appears first as minute brown dots later becoming cylindrical or oval to circular on leaves. Spots coalesce to form large patches leading to the leaf drying up.

Infection also occurs on the panicle and neck with a brown colour appearance.

To control spray Metominostrobin @ 500ml /acre.

Crop protection activities should be done only on non-rainy days.

Animal Husbandry:

Due to the prevailing cold weather conditions, cattle rearers are advised to allow the cattle to graze only after 2 hours of sunrise.

Cover the cow shed with gunny bags, and keep the floor in dry condition.

Dry fodder and greens should be fed without moisture to avoid fungal infection.

Pudukottai

Since humid and cloudy weather is prevailing, farmers are advised to place yellow and blue sticky trap in their field to monitor the sucking pests.

Farmers are cultivating Oilseeds crops and Pulses in the Margazhi Pattam (December-January) . Purchase disease and quality seed from authorized person.

Crop Stage	Crop Specific Advisory
BLACK GRAM	Farmers Can cultivate Rice fallows BLACKGRAM after completion of samba paddy harvest. Select and sow ADT5, ADT 3 and VBN 9. To harden the Black gram seeds, dissolve 0.5 g Zinc Sulphate in 5 litres of clean water. Soak seeds required for one acre in 3.5 litres of this solution for 3 hrs and then shade dry for 6 hrs before sowing.
GROUNDNUT	Farmers Can cultivate Groundnut during Margazhi Pattam (December-January). Varieties suitable for this is season are TMV 7, CO 3, COGn 4, VRI 2, VRI 3,
	ALR 3, VRIGn5, VRIGn 6, TMVGn 13 Seed treatment with Trichoderma viridae 4g/kg of seed (or) Pseudomonas fluorescens 10 g/kg of seed will be effective against root and collar rot disease in groundnut.
RICE	Leaf folder incidence is being noticed in the samba/thaladi paddy fields due to prevailing weather condition. To manage this, spray Profenophos 50 EC @ 400 ml/acre in 200 litre of water in hand sprayer.
Live Stock	Live Stock Specific Advisory
COW	Periodical Deworming is essential For every month. Check the cow dung often, so that we can detect the worm infection if present. Likewise periodical deworming is reduce the Worm infection at calves and induce the growth & puberty. So that we can get high yield of weight and Milk. Frequent checking of weight should be there to know about the growth. Then proper exercise have to provide to make the animal Healthy
COW	The high humidity may predispose the young calves and kids to coccidial infections, Hence prophylactic measures have to be taken.

Ramanathapuram

From extended range forecast, above normal rainfall, Normal maximum temperature and Minimum temperature expected for the period of December 24 to December 30 over Tamil Nadu.

Farmers should drain excess rain water from fields where the paddy crops are lodged due to the continuous rains.

Crop Stage	Crop Specific Advisory
RICE	Farmers are advised to provide adequate drainage facilities in the fields to drain the water. Once the water is drained, spray 1 percent urea, 2 percent DAP and 1
	percent KCl as a foliar application.
RICE	Due to the prevailing weather condition, incidence of blast is expected in rice. Initial symptoms are white to gray green lesions or spots with necrotic borders. Several spots coalesce to form big irregular patches. If blast symptoms are observed in field spray tricyclozole 75 WP 200g/ac with 200 litre of water to manage the blast.
RICE	In rice, spray Nanourea@ 4ml to 5ml with one litre of water.
RICE	Faemers are advised to apply 20 kg of ammonium sulfate per acre in paddy fields during the flowering stage.
COTTON	In rainfed cotton cultivation, it is recommended for farmers to apply Urea @ 25 kg, 75 kg/ac of single super phosphate and Potash @ 10 kg per acre, as the first dose, between 20 to 25 days after germination.
Horticulture Stage	Horticulture Specific Advisory
CHILLI	Due to the prevailing weather condition, incidence of damping off is expected in chilli. It affects the young seedlings and their stems and lodging of seedlings due to weakened stems. Disease affected seedlings are seen light brownish colour. If symptoms are observed, Soil drenching with Copper oxychloride 2.5g /1 litre of water to manage the disease.
CHILLI	After the water drains well in the field, transplant the chilli seedlings into the main field. Before planting, soak the roots of the seedlings in a biofertilizer solution for 15 minutes to prevent rot and wilt diseases and to obtain the necessary nutrients for growth.
Others (Soil / Land Preparation)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Farmers should ensure that, atleast 2 hours of interval is necessary between spraying operation and downpour for safe and effective use of inputs.

Sivagangai

SMS Advisory	Chances of light rain on 19 & 22 Dec. Maximum temperature would be in the range of 23°C to 25°C and the minimum temperature would be between 22°C - 23°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 16-20 Kmph from, Northeast direction.
-----------------	--

General Advisory:

Since cloudy humid weather is prevailing, farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests.

Wind with the speed of 16 to 20 kmphs expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Provide drainage facilities in the in Paddy and other fields to avoid water stagnation

Weather Based Agro – Advisories: (Important Crops: Tomato, Mango & Animal Husbandry)

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 and 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.

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.

Dig pits of 1 metre x 1 metre x 1-metre size and fill them with topsoil mixed with 10kg of Farm Yard Manure.

Plant the grafts at the centre of the pit.

Water the plants immediately after planting.

Animal Husbandry:

Due to the prevailing cold weather conditions, cattle rearers are advised to allow the cattle to graze only after 2 hours of sunrise.

Cover the cow shed with gunny bags, and keep the floor in dry condition.

Dry fodder and greens should be fed without moisture to avoid fungal infection.

Theni

SMS Advisory	Chances of light rain on 19 & 22 Dec. Maximum temperature would be in the range of 23°C to 25°C and the minimum temperature would be between 22°C - 23°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 6-8 Kmph from, Northeast direction.
-----------------	--

General Advisory:

Since cloudy humid weather is prevailing, farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests.

Provide drainage facilities in the in Paddy and other fields to avoid water stagnation.

Weather Based Agro-Advisories: (Bhendi, Grapes & Animal Husbandry)

Bhendi:

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 low temperature is favourable for the incidence of Powdery mildew in Grapes crops.

Hence, farmers are advised to visit the field and monitor the crop carefully.

To control this disease, spray 0.3% wettable sulphur or Dust Sulphur @ 6 to 12 kg per hectare in the morning hours.

Plant protection activities can be done only on non-rainy days.

Animal Husbandry:

Due to the prevailing cold weather conditions, cattle rearers are advised to allow the cattle to graze only after 2 hours of sunrise.

Cover the cow shed with gunny bags, and keep the floor in dry condition.

Dry fodder and greens should be fed without moisture to avoid fungal infection.

Virudhunagar

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very Heavy rainfall was recorded during previous week. Hence, farmers are requested drain the water.
Both rainfed / irrigated crops	Cloudy	Avoid spraying for the next three days. However, if cloudy weather without rainfall prevails it may result in disease incidence. Hence, farmers are requested to go for fungicide spraying.
Pulses	Harvest	If possible, farmers are requested to go with machine harvester and store the harvested produce in safe.
Maize	Cob development	If Fall army worm incidence noticed with the prevailed weather. To control spray Chlorantraniliprole 18.5 SC@ 3 ml / 10lit. of water using manually operated or battery-operated high- volume knapsack sprayer only with a spray volume of 500 lit./ha.
Paddy	Vegetative to panicle initiation	Continuous rainy days, intermittent drizzles, cloudy weather and longer leaf wetness favours blast incidence. Spray carbendazim 50WP @ 500 g/ha or tricyclozole 75 WP @ 500 g/ha after observing initial infection of the disease
Chilli	Flowering	Avoid spraying and provide drainage facilities to avoid damping off infection. Soil drenching with copper oxychloride@ 2.5g/litre or Neem cake. If rainfall was not recorded in the area, spray 19:19:19+Mn@1% at 60 days after planting.
Onion		Water logged condition results to soft rot and basal rot. Practice soil trenching with Copper hydroxide 2.5g/litre .
Livestock	Rainfall and	Chance for diseases spread. Farmers are requested to provide vaccination

	Relative humidity	immediately.
Human		Stay in protective environment to avoid diseases spread and weather calamities.

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

Tirunelveli

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Extremely heavy rainfall was recorded during previous week. Hence, farmers are requested drain the water.
Plant protection	Rainfall	Avoid spraying for the next three days. After rain cessation, foliar spraying and soil trenching may be practiced
Cotton	Square formation to flower	Nipping terminal buds for arresting apical dominance and thus promoting growth sympodial branches for increasing productivity (70 – 75 DAS).
Chilli	Vegetative to flowering	Avoid spraying and provide drainage facilities. To avoid damping off infection. Soil drenching with copper oxychloride @ 2.5g/liter and Neem cake.
Paddy	Vegetative stage	Continuous rainy days, intermittent drizzles, cloudy weather and longer leaf wetness favours blast incidence. Spray carbendazim 50WP @ 500 g/ha or tricyclozole 75 WP @ 500 g/ha after observing initial infection of the disease
Sugarcane	All the stages	Farmers are requested to practice Detrashing, Heavy earthing up and propping to prevent lodging.
Banana	Vegetative to bunch formation	Drain the water and also propping may be practice to prevent lodging.
Livestock	Rainfall and Relative	Chance for diseases spread. Farmers are requested to provide vaccination immediately.
Human	humidity	Stay in protective environment to avoid diseases spread and weather calamities.

SMS: Rain: 20-23.12-25,4,3&3mm. Avoid spraying. Provide drainage facilities. Livestock – provide vaccination immediately. Human- stay in protective environment.

Thoothukudi

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Extremely heavy rainfall was recorded during previous week. Hence, farmers are requested drain the water.
Plant protection	Rainfall	Avoid spraying for the next three days. After rain cessation, foliar spraying and soil trenching may be practiced
Black gram	Harvest	Farmers are requested to harvest immediately. Since, rainfall is predicted harvested products may be allowed for shade dry and kept safe.
Groundnut	Flowering stage	Waterlogged condition may lead to yellowing of leaves is noticed. Hence, foliar spray of TNAU GROUNDNUT RICH @ 2 kg / acre at Peak flowering and pod development may be given after rainfall cessation.
Cotton	Square formation to flower	Nipping terminal buds for arresting apical dominance and thus promoting growth sympodial branches for increasing productivity (70 – 75 DAS).

Chilli	Vegetative	Avoid spraying and provide drainage facilities to avoid damping off infection. Soil drenching with copper oxychloride 2.5g/liter and Neem cake.
Paddy	Vegetative stage	Drain the water to avoid lodging. Cloudy weather and longer leaf wetness favours blast incidence. Spray carbendazim 50WP @ 500 g/ha or tricyclozole 75 WP @ 500 g/ha after observing initial infection of the disease
Banana	Vegetative to bunch formation	Farmers are requested to practice earthing-up and propping to avoid lodging.
Livestock	Rainfall and Relative humidity	Chance for diseases spread. Farmers are requested to provide vaccination immediately.
Human		Stay in protective environment to avoid diseases spread and weather calamities.

S MS: Rain: 20-24.12-25,7,84&3 mm. Avoid spraying. Provide drainage facilities. Livestock – provide vaccination immediately. Human- stay in protective environment.

Tamil Nadu		
Yesterday's Cyclonic Circulation over Comorin area & neighbourhood now lies over Lakshadweep & neighbourhood and extends upto 3.1 km above mean sea level.		
Weather forecast	Next five days	Day 1 (20-12-2023): Light to moderate rain is likely to occur at a few places over South Tamilnadu, at one or two places over North Tamilnadu, over Puducherry and Karaikal area. Heavy rain is likely to occur at one or two places over Kanyakumari, Tirunelveli, Thoothukudi, Ramanathapuram, Pudukkottai, Thanjavur, Tiruvarur and Nagapattinam districts of Tamilnadu. Day 2 (21-12-2023) and Day 3 (22-12-2023): Light to moderate rain is likely to occur at a few places over South Tamilnadu, at one or two places over North Tamilnadu, over Puducherry and Karaikal area. Day 4 (23-12-2023) and Day 5 (24-12-2023): Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
	Though there will be a reduction in the rainfall, there are possibilities of rainfall on 20.12.23, 21.12.23, 22.12.23 and 23.12.23. Maximum temperature will range from 25 - 27°C and minimum temperature will range from 21 - 23°C. Partly cloudy condition may prevail. The morning relative humidity will range from 80 % and it may range from 50 - 60 % during afternoon. Wind speed may be 10 - 14 km / hr in North East direction.		
1.	Coconut	All stages	Provide proper drainage in coconut plantations to avoid fungal root infection.
2.	Rubber and banana	All stages	As heavy winds are blown from the north east direction in the fourth coming days, staking should be given to young rubber and banana plants. Fix a polythene rain guard to the trunk of the tree above the tapping

			panel so that tapping can be done during rainy season also.
3.	Horticultural crops	Young plants	As rainfall is expected, proper drainage facilities should be given to young rubber, banana and fruit plantations especially in areas where there is rain water is stagnant.
4.	Banana	Bunch Maturity stage	Use transparent polythene sleeves with 4% vent to cover the bunches to increase the quality.

SMS Advisory

As heavy winds (10 - 14 kmph) are expected staking should be given to young rubber and banana. As rainfall is expected, proper drainage facilities should be given to young rubber, banana and fruit plantations especially in areas where there is rain water is stagnant.

Salem

Weather Advisory Bulletin for livestock, poultry and agro advisory

Livestock , Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Crops	General	Farmers should do soil testing before sowing or cultivation of any crop. Soil testing report shows availability of nutrients in soil and due to this, it is easy to manage fertilizer dose of any crop, to save fertilizer and to maintain soil fertility also. seed treatment with <i>T. viride</i> @ 4g or <i>P. fluorescens</i> @ 1g/kg or Bacillus subtilis before sowing of crop can control the incidence root rot diseases
Tree planting	Sowing	Tree crop's seedlings can be planted during these days. Ensure proper distance between the plants. The 2/3 portions of the pits should be filled with the mixture of topsoil and powdered dry cowdung/compost. Care should be taken to keep the graft/bud unions above the ground while planting grafted/budded planting materials of tree crops. Apply first dose of fertilizers to the tree crops. Adopt integrated nutrient management system.
Crops	General	Treat setts with Aerated steam at 50°C for one hour to control primary infection of grassy shoot disease or The setts should be soaked in Carbendazim (1 gram in 1 litre of water).
Sugarcane	Vegetative	Detrash the crop on 150th and 210th day of planting. Detrashing dislodge the pupae that remain in the leaf sheath. Install pheromone traps @ 10Nos. /ha for surveillance and monitoring, change the septa/lure once in 45 days. Release egg parasitoid, <i>Trichogramma chilonis</i> at the rate of @ 2.5 cc / release / ha. Six release at fortnightly intervals starting from 4th month onwards.
Jasmine	General	Due to prevailing weather alternaria leaf spot incidence may occur in jasmine. To control, spray foliar application of mancozeb @ 2.5 g/l at monthly interval.
Sorghum	Vegetative	Shoot flies are damaging the sorghum crop mostly it affects the yield. The maggot bores inside the stem and cuts the growing point. Central shoots dried and produce "dead heart" symptom. The infested plant produces side tillers. Take up early sowing of sorghum immediately after the receipt of South West or North

		East Monsoon to minimise the shoot fly incidence. To control Shoot flies in sorghum, Apply Quinalphos 25EC 1500 ml /ha. Plough soon after harvest, remove and destroy the stubbles
Cotton	Vegetative	Due to prevailing weather the leaf blight incidence may occur in cotton. To control leaf blight in cotton, Spray mancozeb 2 kg/ha immediately after the symptom appearance and 2-3 times once in 15 days.
Banana	Vegetative	Due to prevailing weather condition favourable for leaf spot infection in banana crop. To control spray carbendazim 1g/l or propiconazole 1ml/l or mancozeb 2.5 g/l with sticking agent @ 1 ml / lit at 10-15 days interval.
Sheep	General	Sheep should be vaccinated against sheep pox in the month of January to prevent occurrence of the disease. In the months forth coming.
Desi chicken	General	Feeding of azolla in desi chicken will improve the body weight and also the hatchability.
Livestock	General	Daily fogging or aerosoling for adult mosquitoes may provide relief (over fogging causes breathing problem) , for effective control draining mosquito breeding sites are advised. Livestock and poultry should be free from ectoparasites, so remove once in 3 months. Flea bite in livestock leads to allergic reaction all over body. treatment for this apply mixer of betel vine leaves ,salt, pepper paste below the tongue.

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 calves 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 months so as to prevent parasitic attack. To prevent mosquito menace in livestock rearing areas fumigation with <i>vitex negundo</i> (notchi leaves) leaves weekly once is recommended.
Poultry	General	As the temperatures will be very low in Namakkal in the coming weeks, 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 reduce mortality. This is very important until 4 weeks of age, as it will lead to standard 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 :		
Cotton	Tillering stage	Due to current weather condition grey mildew disease was noticed in 70 – 100 days old cotton crop. To control this, foliar spraying of copper oxy chloride 2.5 gram / litre of water or Tebuconazole 50 % + Trifloxystrobin 25 % (Nativo) 1 gram / 1 litre of water.

Bhendi	Vegetative stage	To increase the yield of bhendi give foliar spraying with vegetable booster @ 5 gram / liter along with sticking agent at 30 days after planting with 15 days interval.
Paddy	Tillering stage	Leaf folder incidence was noticed in paddy crop. Hence, the farmers are advised to spray neem based insecticide Azadiractin 10000 ppm @ 1 ml / litre of water to control it.
Jasmine	General recommendation	To increase the flowering in jasmine give foliar spraying with panchakavya @ 3% + Humic acid @ 0.4 % at one month interval. Also give foliar spraying with iron sulphate @ 0.5 % and zinc sulphate @ 0.5 % at one month interval.
Banana	General recommendation	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 are advised to purchase Banana Shakti from KVK, Namakkal on cost basis @ Rs. 250 / kg.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

General Advisory: No rainfall, Apply light and frequent irrigation to the standing crops. Increase the frequency of irrigation at critical growth stages. Mulch with crop residue, straw, /polythene or undertake soil mulching to conserve soil moisture. Irrigate only during the evening or early morning. Use sprinkler irrigation. If your area is prone to heat wave adopt wind / shelters breaks.	
Rain : No Rainfall, Apply light and frequent irrigation to the standing crops. Increase the frequency of irrigation at critical growth stages.	
Crop	Advisory
Moringa	Moringa Sudden fall of branches due to wind / heavy rain/ Waterlogging. Earthing up can be done for each plant, Remove old branches, Provide drainage facility and avoid fertilizer and pesticide application.
Banana	Banana -Provide support to 5-month-old trees using wooden poles, Provide drainage facility and avoid fertilizer and pesticide application, Removal and destruction of decaying and rotten leaves and Earth-up works can be carried out for banana plantations.
Chilli	Due to the prevailing day time temperature and humidity is favourable for incidence of die back and fruit rot in chilli. Diseased plant branches and younger leaves get withered. Brown discoloration and small black spot appears on infested fruits. If symptoms noticed adopt the recommended action of spraying of Copper oxychloride 50 WP @ 500 g/ac or Mancozeb 75 WP @ 400 g/ac with 200 liter of water (3 times at 15 days interval).
Groundnut	Groundnut Early leaf spot: Infection starts about a month after sowing. Small chlorotic spots appear on leaflets, with time they enlarge and turn brown to black and assume sub circular shape on upper leaf surface. On lower surface of leaves light brown colouration is seen. Lesions also appear on petioles, stems, stipules. In severe cases several lesions coalesce and result in premature senescence for control measures Spray Propiconazole 1ml/lit
Brinjal	Brinjal - Stem borer-Top shoots of young plants droop and wither. Older plants become stunted. Fruit bearing is affected control measures Collect and destroy the damaged and dead plants, Light trap @1/ha to attract and kill adults spray Emamectin benzoate 0.5 g/l or coragen 0.5 g/l
Turmeri	Turmeric - Rhizome rot infected plants, basal portion of the shoots appear watery and soft. The root

c	system is very much reduced The leaves exhibit gradual drying along the margin Infected rhizomes soft, rotted, colour changes into different shades of brown for control measures Providing good drainage facilities. Soil drenching with copper oxy chloride (0.25%) in and around affected plants. Soil application of Pseudomonas fluorescens talc formulation (2.5 kg/ha).
Rice	Rice Leaf folder - Larva folds the leaves longitudinally and larva remains inside, Larva scrapes the green tissues of the leaves, which later becomes white and dry, During severe infestation the whole field exhibits scorched appearance for control measures Avoid excessive nitrogenous fertilizers, Keep the bunds clean, Spray NSKE 5 % or Azadirachtin 0.03% 400 ml/ac or Flubendiamide 39.35% M/M SC 20 g/ac
Maize	Maize Fall army worm incidence noticed with the prevailed weather. To control spray any one of the following insecticides / biopesticide (use manually operated or battery-operated high-volume knapsack sprayer only with a spray volume of 500 lit. /ha.) Emamectin Benzoate 5 SG @4grams for 10 litre of water. or Spinetoram 11.7 SC @ 5 ml/10 lit or Novaluron 10 EC @ 10 ml/10 lit.* Preference may be given to the chemical not applied during the previous stage.
Chicks	Brooder pneumonia: 1. A severe respiratory disease of young chicks caused by the fungus Aspergillus spp. 2. Cold stress, high ammonia due to wet litter, and dusty environments increase the incidence and severity of infection. 3. Disease transmission is through the inhalation of fungal spores. 4. Symptoms includes, breathing difficulty, gasping (open mouthed breathing) Conjunctival swelling and blindness. Causes mortality upto 50%. 5. Avoiding use of mouldy, fungal infested litter and thorough cleaning of feeder and drinkers will prevent the occurrence of disease.

Krishnagiri

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 calves 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.
Agro advisory from Krishi Vigyan Kendra		
Cotton	Tillering stage	Due to current weather condition grey mildew disease was noticed in 70 – 100 days old cotton crop. To control this, foliar spraying of copper oxy chloride 2.5 gram / litre of water or Tebuconazole 50 % + Trifloxystrobin 25 % (Nativo) 1 gram / 1 litre of water.
Bhendi	Vegetative stage	To increase the yield of bhendi give foliar spraying with vegetable booster @ 5 gram / liter along with sticking agent at 30 days after planting with 15 days interval.
Paddy	Tillering stage	Leaf folder incidence was noticed in paddy crop. Hence, the farmers are advised to spray neem based insecticide Azadiractin 10000 ppm @ 1 ml / litre of water to control it.
Jasmine	General recommendation	To increase the flowering in jasmine give foliar spraying with panchakavya @ 3% + Humic acid @ 0.4 % at one month interval. Also give foliar spraying with iron

		sulphate @ 0.5 % and zinc sulphate @ 0.5 % at one month interval.
--	--	---

Karaikal

Agro Advisory

Crop	Stage	Advisory
Paddy	Vegetative stage	Foliar spray of 1% urea along with 0.5 % ZnSO ₄ (5 kg urea +2.5 kg ZnSO ₄ in 500 litres of water /ha) may be given. In paddy, top dressing of 50 kg urea and 20 kg potash along with 10 kg of neem cake per hectare may be applied.
		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.
Animals	Flies management	In these rainy days there is possibility of fly menace in livestock farms. The flies transmit diseases like Surra and Ephemeral fever and heavy infestations may lead to anaemia and cause severe discomfort to the animal, allergic reactions at the biting sites and significant loss in productivity. The following methods may be practiced to manage the flies. The disposal of manure and urine at a reasonable distance from the cattle shed on a regular basis has to be done. Smoking the shed with raw leaves (neem leaf preferred) especially during evenings would help reduce the nuisance. Natural repellants like neem oil may be applied regularly to repel biting flies. Application should be always done against the direction of the hair and should cover the entire body, especially underbelly and legs.
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: Irrigation to crops can be postponed as light rain is expected for next five days.

Puducherry

Weather based Agro-Advisories.

Crop	Stage/ Particulars	Agro Advisory
Rice	Tillering stage	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.
All Crops		Maintain proper drainage in the field to avoid water logging in fields. Continuous rainfall may damage crop, so farmers are advised to provide stake for banana plant (propping) to prevent the crop lodging. Avoid application of fertilizers and pesticides in heavy rainfall.
Rice		If the rice crop is from tillering stage to flowering stage and it's low in growth the spray 1Kg Urea + 0.5kg Zinc sulphate in 100-150 lit of water through sprayer. Or Spraying 19:19:19 (All 19) 0.5 kg mixed in 100 litre of water may increase the tillering and avoids flower shedding
Groundnut		Farmers who are going to sow Groundnut and pulse varieties may wait and sow in the Tamil month Margazhi. Since the soil is with too much of moisture groundnut and pulse farmers should do seed treatment to avoid diseases.

SMS: To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

Puducherry Block level Ariankuppam, Ozhukarai, Villianur, Bahour, Mannadipet and Nettapakkam Blocks

Light to Moderate rain with thunderstorms & lightning is likely to occur in one or two places from 20.12.2023 to 24.12.2023.

To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

Crop(Varieties)	Crop Specific Advisory
RICE	If the rice crop is from tillering stage to flowering stage and it's low in growth the spray 1Kg Urea + 0.5kg Zinc sulphate in 100-150 lit of water through sprayer. Or • Spraying 19:19:19 (All 19) 0.5 kg mixed in 100 litre of water may increase the tillering and avoids flower shedding
GROUNDNUT	Farmers who are going to sow Groundnut and pulse varieties may wait and sow in the Tamil month Margazhi. • Since the soil is with too much of moisture groundnut and pulse farmers should do seed treatment to avoid diseases.

