



तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श
बुलेटिन

**State Composite Agro-meteorological Advisory
Bulletin for Tamil Nadu and Puducherry
Bulletin No. 079/2023**

For the period 0830 IST, 03rd October 2023 to
0830 IST, 08th October 2023

Issued on Tuesday, 03rd October 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 29.09.23 to 02.10.23 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **29°C – 36°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **16°C – 21°C** during the period.

Minimum temperature of range **22°C - 27°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **10°C - 13°C** during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Tamil Nadu	Puducherry
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	29.09.23 & 01.10.23	01.10.23 & 02.10.23
Isolated (One or Two Places)	30.09.23 & 02.10.23	--
Dry	--	29.09.23 & 30.09.23

Chief Amounts of Rainfall (in cms):-

29.09.23 : Kattapakkam KVK ARG (dist Kancheepuram), Chinnakalar (dist Coimbatore) 5 each, Valparai PTO (dist Coimbatore), Hindustan University ARG (dist Chengalpattu), Sholinganallur (dist Chennai), Kodivery (dist Erode), VIT Chennai AWS (dist Chengalpattu) 4 each, Trichy Airport (dist Trichy), Sholayar (dist Coimbatore), Kundrathur (dist Kancheepuram), Satyabama University Arg (dist Chengalpattu), Pennagaram (dist Dharmapuri), Taluk Office Pandalur (dist Nilgiris), Chittar (dist Kanyakumari), Cincona (dist Coimbatore), Thanjavur PTO (dist Thanjavur), Krishnagiri (dist Krishnagiri), Sriperumbudur (dist Kancheepuram), Rayakottah (dist Krishnagiri), Thekkadi (dist Theni), Viralimalai (dist Pudukkottai), Nagapattinam (dist Nagapattinam), Periyar (dist Theni), Thanjai Papanasam (dist Thanjavur), Valparai Pap (dist Coimbatore), Perungudi (dist Chennai), NIOT Pallikaranai ARG(dist Chennai) 3 each, Worth Estate Cher (dist Nilgiris), Devala (dist Nilgiris), Mambzhathuraiyaru (dist Kanyakumari), Valparai Taluk Office (dist Coimbatore), Thanjavur (dist Thanjavur), Hogenekal (dist Dharmapuri), Balamore (dist Kanyakumari), Pallipattu (dist Tiruvallur), Vallam (dist Thanjavur), Thirparappu (dist Kanyakumari), Tiruttani PTO (dist Tiruvallur), Anaikedanku (dist Kanyakumari), Ayyampettai (dist Thanjavur), Sholinganallur (dist Chennai), Kurunthancode (dist Kanyakumari), Thuckalay (dist Kanyakumari), Nalumukku (dist Tirunelveli), Gandarvakottai (dist Pudukkottai), Vadapudupattu (dist Tirupattur), Ammapettai (dist Erode), Panapakkam (dist Ranipet), Kaveripakkam (dist Ranipet), Chembarambakkam ARG (dist Kanchipuram), Suralacode (dist Kanyakumari), Pechiparai (dist Kanyakumari), Pullambadi (dist Trichy), Mylaudy (dist Kanyakumari), Kanyakumari (dist

Kanyakumari), Chembarabakkam (dist Tiruvallur), Colachel (dist Kanyakumari), Kuzhithurai (dist Kanyakumari), West Tambaram ARG (dist Chengalpattu) 2 each, Kozhiporvilai (dist Kanyakumari), Chennai Airport (dist Chennai), Alandur (dist Chennai), Oothu (dist Tirunelveli), Puzhal ARG (dist Tiruvallur), Siruvani Adivaram (dist Coimbatore), Bhavanisagar (dist Erode), Ammundi (dist Vellore), Bhoothapandy (dist Kanyakumari), Tiruttani (dist Tiruvallur), Mullanginavillai (dist Kanyakumari), Thirupathisaram AWS (dist Kanyakumari), Eraniel (dist Kanyakumari), Trp Town (dist Trichy), Thuvakudi Imti (dist Trichy), Katpadi (dist Vellore), Kalial (dist Kanyakumari), Kottaram (dist Kanyakumari), Gundar Dam (dist Tenkasi), Wallajah (dist Ranipet), Perunchani Dam (dist Kanyakumari), Thenkasi (dist Tenkasi), Alakarai Estate (dist Nilgiris), Tiruchirappalli Junctio (dist Trichy), Kancheepuram (dist Kancheepuram), Nandhiyar Head (dist Trichy), Sivalogam(chittar li) (dist Kanyakumari), Adayamadai (dist Kanyakumari), Kakkachi (dist Tirunelveli), Virinjipuram Aws (dist Vellore), Sathyamangalam (dist Erode), Coonoor (dist Nilgiris), Needamangalam (dist Tiruvarur), Kunderipallam (dist Erode), Kannimar (dist Kanyakumari), Mukkadal Dam (dist Kanyakumari), Mudukulatur (dist Ramanathapuram), Tiruvaiyaru (dist Thanjavur), Puthan Dam (dist Kanyakumari), Ayikudi (dist Tenkasi), Kurungulam (dist Thanjavur), Grand Anaicut (dist Thanjavur), Vamban Kvk Aws (dist Pudukkottai), Nagercoil (dist Kanyakumari), Ponmalai (dist Trichy), Avadi (dist Tiruvallur), Tirupattur (dist Tirupattur), Anaimalai Taluk Office (dist Coimbatore), Edapadi (dist Salem), Tambaram (dist Chengalpattu), Burliar (dist Nilgiris) 1 each.

30.09.23 : Puzhal ARG (dist Tiruvallur) 8, Chinnakalar (dist Coimbatore), Alandhur (dist Chennai), Valparai PTO (dist Coimbatore), Kozhiporvilai (dist Kanyakumari) 7 each, Taluk Office Pandalur (dist Nilgiris), Devala (dist Nilgiris), Cincona (dist Coimbatore), Kundrathur (dist Kancheepuram), YMCA Nandnam ARG (dist Chennai) 6 each, Kalial (dist Kanyakumari), Anna University Arg (dist Chennai), DGP Office (dist Chennai), Thirparappu (dist Kanyakumari), Mugalivakkam (dist Chennai), Adyar Eco Park (dist Chennai), West Tambaram ARG (dist Chennai), Mullanginavillai (dist Kanyakumari), Oothu (dist Tirunelveli), Chennai Airport (dist Chennai), Adyar (dist Chennai) 5 each, Anna University (dist Chennai), Thuckalay (dist Kanyakumari), Nalumukku (dist Tirunelveli), Valparai Pap (dist Coimbatore), Balamore (dist Kanyakumari), MGR Nagar (dist Chennai), Valparai Taluk Office (dist Coimbatore), Meenambakkam AWS (dist Chennai), Kodambakkam (dist Chennai), Worth Estate Cher (dist Nilgiris) 4 each, Suralacode (dist Kanyakumari), Colachel (dist Kanyakumari), Kurunthancode (dist Kanyakumari), Sholayar (dist Coimbatore), Kottaram (dist Kanyakumari), Periyar (dist Theni), Perunchani Dam (dist Kanyakumari), Puthan Dam (dist Kanyakumari), Kakkachi (dist Tirunelveli), Kanyakumari (dist Kanyakumari), Pechiparai (dist Kanyakumari), Kannimar (dist Kanyakumari), Nagercoil (dist Kanyakumari), Anaikedanku (dist Kanyakumari), Mambzhathuraiyaru (dist Kanyakumari), Sivalogam (dist Kanyakumari), Adayamadai (dist Kanyakumari), Poondi (dist Tiruvallur), Manjulai (dist Tirunelveli), Ice House (dist Chennai), Madhavaram (dist Chennai) 3 each, Chittar (dist Kanyakumari), Thekkadi (dist Theni), Eraniel (dist Kanyakumari), Barwood (dist Nilgiris), Kolapakkam ARG (dist Chengalpattu), Thirupathisaram AWS (dist Kanyakumari), Gundar Dam (dist Tenkasi), Chennai Collectorate (dist Chennai), Bhoothapandy (dist Kanyakumari), Wood Braiyar Estate (dist Nilgiris), Tondaipet (dist Chennai), Mylaudy (dist Kanyakumari), Tiruvallur (dist Tiruvallur), Mukkadal Dam (dist Kanyakumari), Papanasam (dist Tirunelveli), Chembarabakkam (dist kanchipuram), Thamaraiykkam (dist Tiruvallur), Harisan Malayalam Ltd. (dist Nilgiris), Kathivakkam (dist Chennai) 2 each, Madavaram Aws (dist Tiruvallur), Chennai Nungambakkam (dist Chennai), Siruvani Adivaram (dist Coimbatore), Koratur (dist Tiruvallur), G Bazar (dist Nilgiris), Thiruvalangadu (dist Tiruvallur), Upper Gudalur (dist Nilgiris), Arakonam (dist Ranipet), Taramani Arg (dist Chennai), Perambur (dist Chennai), Kodumudiyaru Dam (dist Tirunelveli), Ambathur (dist Tiruvallur), Pallipattu (dist Tiruvallur), Manimutharu (dist Tirunelveli), Radhapuram (dist Tirunelveli), Kannadaian Anicut (dist Tirunelveli), Ayanavaram Taluk Office (dist Chennai), Tiruttani (dist Tiruvallur), Servalar Dam (dist

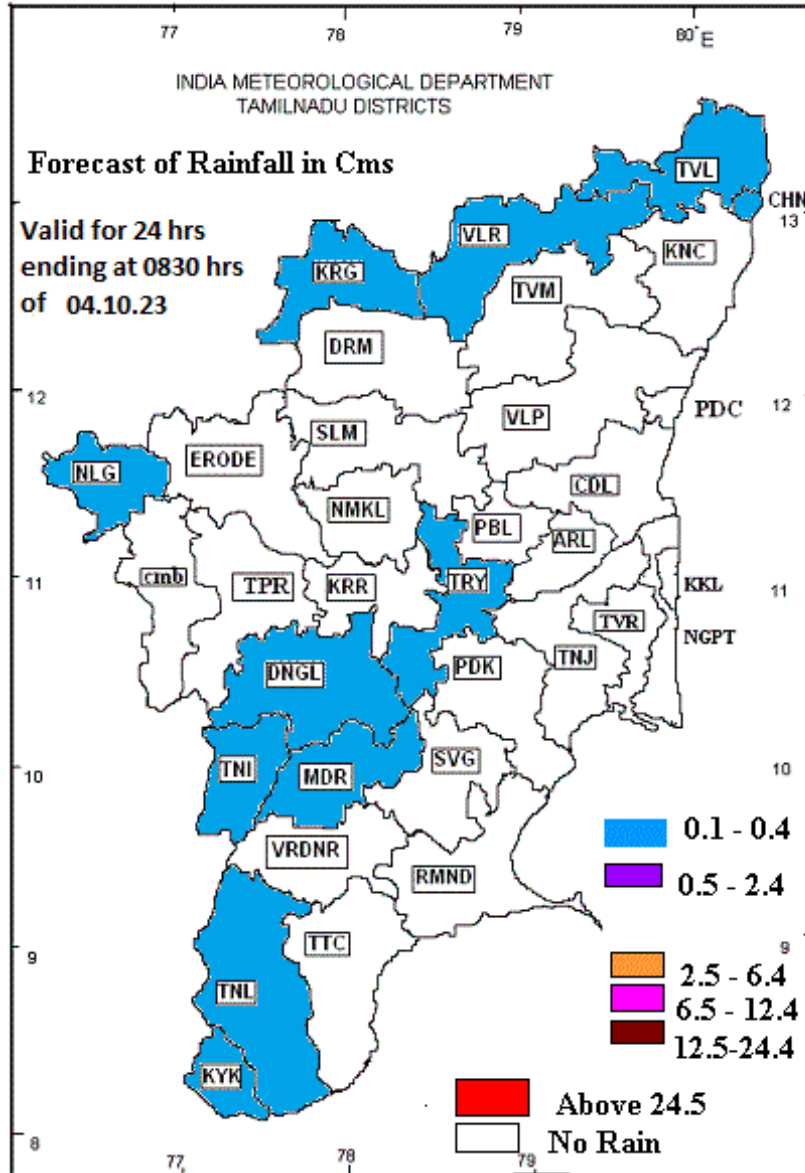
Tirunelveli), Tiruttani PTO (dist Tiruvallur), Aralvaimozhi (dist Kanyakumari), Ramanadhi Dam (dist Tenkasi), Avadi (dist Tiruvallur), Panruti (dist Cuddalore) 1 each.

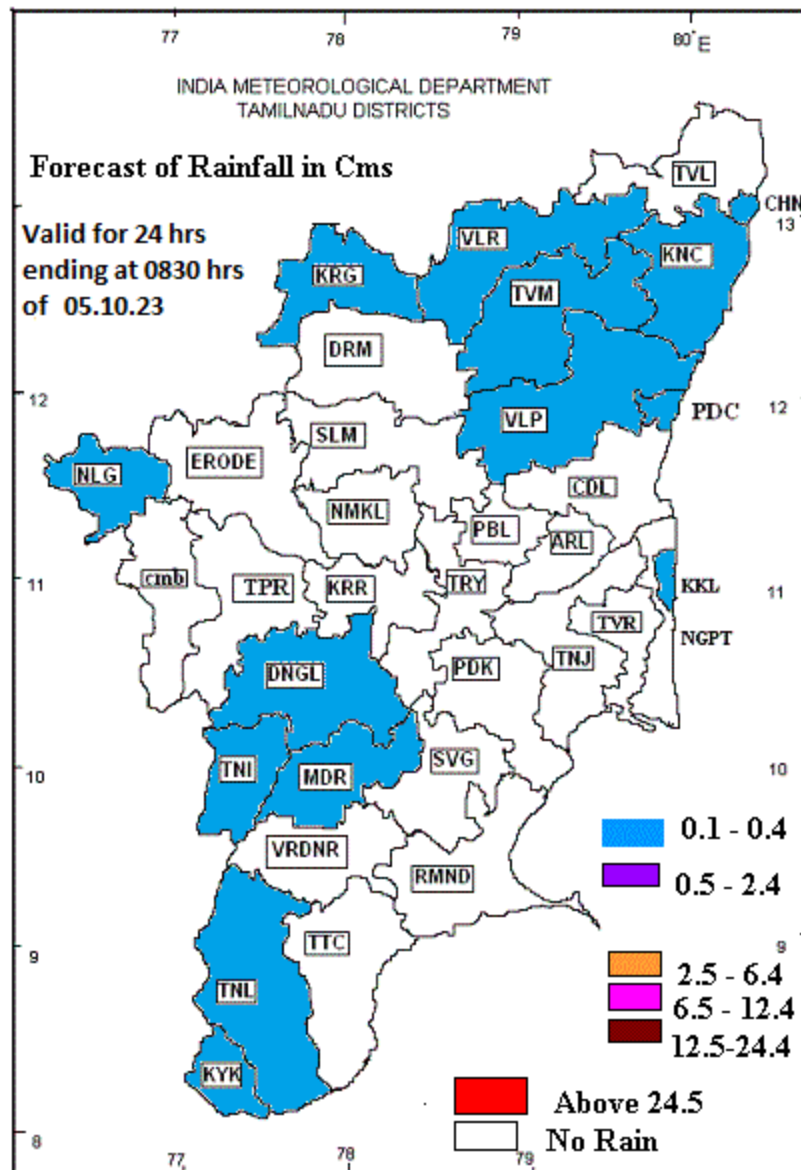
01.10.23 : Oothu (dist Tirunelveli) 11, Worth Estate Cherrumulli (dist Nilgiris) 10, Nalumukku (dist Tirunelveli), Chinnakalar (dist Coimbatore) 9 each, Gundar Dam (dist Tenkasi), Taluk Office Pandalur (dist Nilgiris) 8 each, Kalial (dist Kanyakumari), Cincona (dist Coimbatore), Balamore (dist Kanyakumari), Pechiparai (dist Kanyakumari) 7 each, Valparai PTO (dist Coimbatore), Adayamadai (dist Kanyakumari), Kakkachi (dist Tirunelveli), Sholayar (dist Coimbatore) 6 each, Kozhiporvilai (dist Kanyakumari), Perunchani Dam (dist Kanyakumari), Valparai PAP (dist Coimbatore), Puthan Dam (dist Kanyakumari), Suralacode (dist Kanyakumari), Valparai Taluk Office (dist Coimbatore), Thirparappu (dist Kanyakumari), Manjulai (dist Tirunelveli), Avalanche (dist Nilgiris), Kuzhithurai (dist Kanyakumari) 5 each, Kannimar (dist Kanyakumari), Mullanginavillai (dist Kanyakumari), Shencottah (dist Tenkasi), Chittar (dist Kanyakumari), Mukkadal Dam (dist Kanyakumari), Periyar (dist Theni), Thekkadi (dist Theni), Thuckalay (dist Kanyakumari), Mylaudy (dist Kanyakumari), Barwood (dist Nilgiris) 4 each, Mambzhathuraiyaru (dist Kanyakumari), Colachel (dist Kanyakumari), Grand Anaicut (dist Thanjavur), Eraniel (dist Kanyakumari), Bhoothapandy (dist Kanyakumari), Anaikedanku (dist Kanyakumari), Adavinainnarkoil Dam (dist Tenkasi), Devala (dist Nilgiris), Harisan Malayalam Ltd. (dist Nilgiris), Upper Bhavani (dist Nilgiris), Tiruvaiyaru (dist Thanjavur), Kottaram (dist Kanyakumari), Sivalogam(chittar li) (dist Kanyakumari), Siruvani Adivaram (dist Coimbatore), Papanasam (dist Tirunelveli), Ayikudi (dist Tenkasi), Naduvattam (dist Nilgiris), Ambur (dist Tirupattur) 3 each, Aralvaimozhi (dist Kanyakumari), Nagercoil (dist Kanyakumari), Wood Braiyar Estate (dist Nilgiris), Pallipattu (dist Tiruvallur), Tiruchirappalli Junction (dist Trichy), Kodumudiyaru Dam (dist Tirunelveli), Valangaiman (dist Tiruvarur), Thenkasi (dist Tenkasi), Vellore (dist Vellore), Kodavasal (dist Tiruvarur), Vadapudupattu (dist Tirupattur), Gudalur Bazar (dist Nilgiris), Kanyakumari (dist Kanyakumari), Thirupathisaram AWS (dist Kanyakumari), Tirukattupalli (dist Thanjavur), TVK Nagar (dist Chennai), Kolathur (dist Chennai), Ambathur (dist Chennai), Good Will school, Villivakkam ARG (dist Tiruvallur) 2 each, Tiruttani (dist Tiruvallur), Trichy Airport (dist Trichy), Servalar Dam (dist Tirunelveli), Upper Gudalur (dist Nilgiris), Radhapuram (dist Tirunelveli), Kurunthancode (dist Kanyakumari), Perambur (dist Chennai), Ayyampettai (dist Thanjavur), Ponmalai (dist Trichy), Nannilam (dist Tiruvarur), Nandhiyar Head (dist Trichy), Avadi (dist Tiruvallur), Gadana Dam (dist Tenkasi), Panapakkam (dist Ranipet), Manimutharu (dist Tirunelveli), Kalakadu (dist Tirunelveli), Thuvakudi (dist Trichy), Palacode (dist Dharmapuri), Ammundi (dist Vellore), Thondamuthur (dist Coimbatore), Emeraldad (dist Nilgiris), Tirur KVK AWS (dist Tiruvallur), Chennai Collectorate Building (dist Chennai), Karuppanadhi Dam (dist Tenkasi), Ponneri (dist Tiruvallur), Yercaud (dist Salem), Thirumanur (dist Ariyalur), Anaimaduvu Dam (dist Salem), Thanjai Papanasam (dist Thanjavur), Mylampatti (dist Karur), Royapuram (dist Chennai), Tondiyarpuram (dist Chennai), Malar Colony (dist Chennai), Manali (dist Chennai) 1 each.

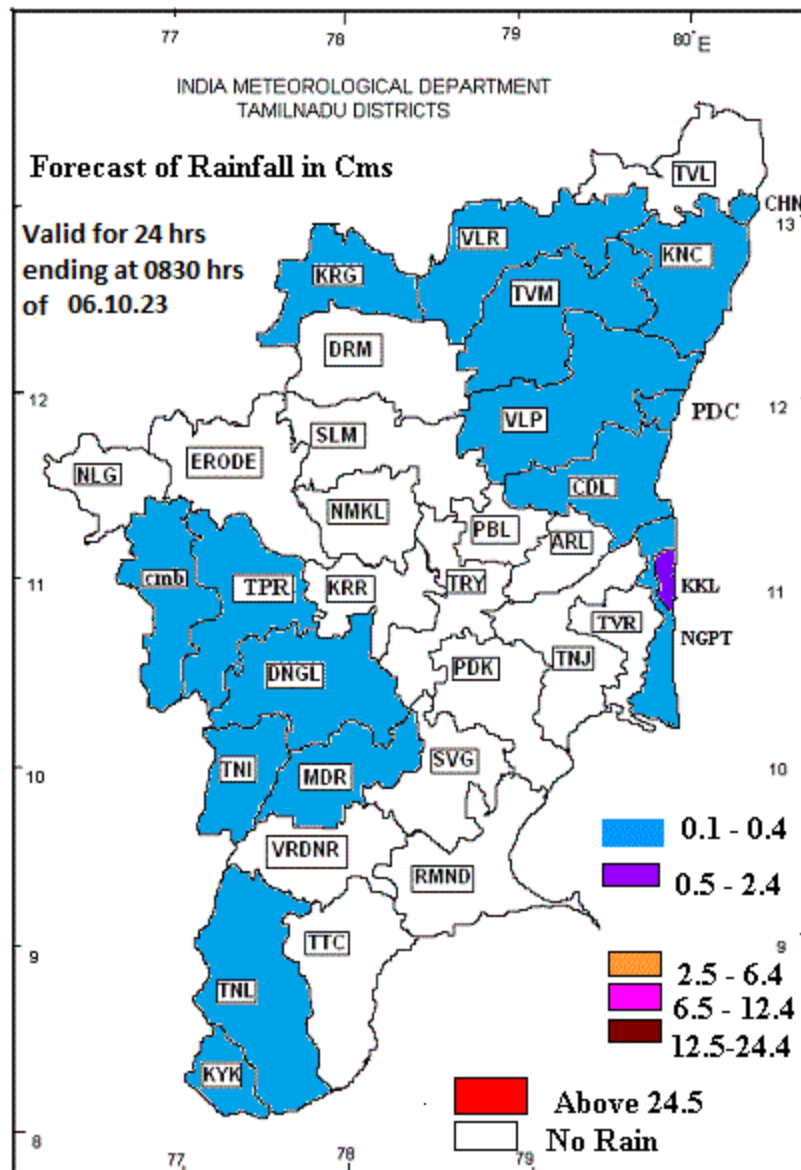
02.10.23 : Nalumukku (Dist Tirunelveli) 11, Oothu (Dist Tirunelveli) 10, Chinnakalar (Dist Coimbatore), Balamore (Dist Kanniyakumari), Kalial (Dist Kanniyakumari), Gundar Dam (Dist Tenkasi), Kakkachi (Dist Tirunelveli), Valparai PTO (dist Coimbatore) 7 each, Cincona (Dist Coimbatore), Pechiparai (Dist Kanniyakumari) 6 each, Perunchani Dam (Dist Kanniyakumari), Puthan Dam (Dist Kanniyakumari), Worth Estate Cher (Dist The Nilgiris), Periyar (Dist Theni), Manjulai (Dist Tirunelveli) 5 each, Valparai Taluk Office (Dist Coimbatore), Valparai Pap (Dist Coimbatore), Suralacode (Dist Kanniyakumari), Thirparappu (Dist Kanniyakumari) 4 each, Sholayar (Dist Coimbatore), Adayamadai (Dist Kanniyakumari), Chittar (Dist Kanniyakumari), Kannimar (Dist Kanniyakumari), Kottaram (Dist Kanniyakumari), Sivalogam(Chittar li) (Dist Kanniyakumari), Avalanche (Dist The Nilgiris), Devala (Dist The Nilgiris), Taluk

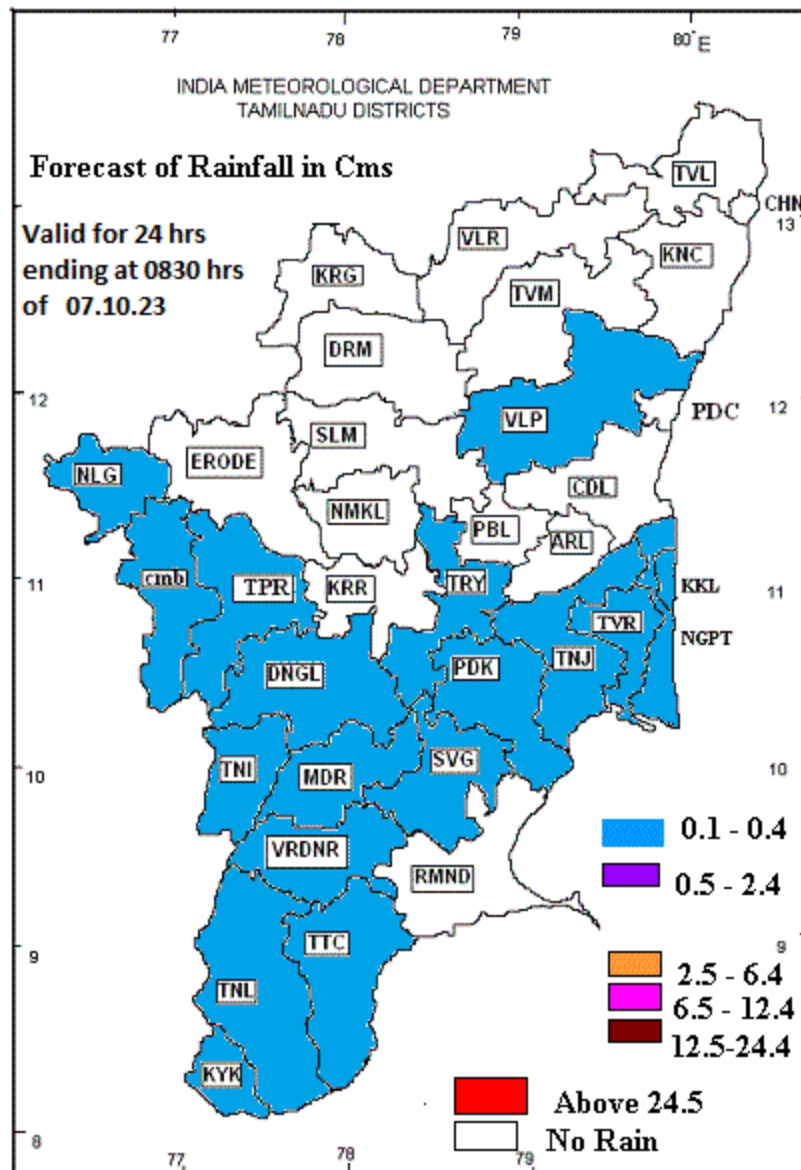
Office Pandalur (Dist The Nilgiris), Upper Bhavani (Dist The Nilgiris), Papanasam (Dist Tirunelveli) 3 each, Siruvani Adivaram (Dist Coimbatore), Kanyakumari (dist Kanyakumari), Thirupathisaram Aws (dist Kanyakumari), Puducherry (dist Puducherry), Anaikedanku (Dist Kanniyakumari), Bhoothapandy (Dist Kanniyakumari), Kuzhithurai (Dist Kanniyakumari), Mambzhathuraiyaru (Dist Kanniyakumari), Mylaudy (Dist Kanniyakumari), Nagercoil (Dist Kanniyakumari), Adavinainnarkoil Dam (Dist Tenkasi), Shencottah (Dist Tenkasi), Harisan Malayalam Ltd. (Dist The Nilgiris), Thekkadi (Dist Theni), Kodumudiyaru Dam (Dist Tirunelveli), Gingee (Dist Villupuram) 2 each, Varattupallam (Dist Erode), Papparapatty Kvk Aws (dist Dharmapuri), Kcs Mill- Moongilthura (Dist Kallakurichi), Kozhiporvilai (Dist Kanniyakumari), Kurunthancode (Dist Kanniyakumari), Mullanginavillai (Dist Kanniyakumari), Thuckalay (Dist Kanniyakumari), Barur (Dist Krishnagiri), Jambukuttapatti (Dist Krishnagiri), Pambar Dam (Dist Krishnagiri), Gadana Dam (Dist Tenkasi), Karuppanadhi Dam (dist Tenkasi), Barwood (Dist The Nilgiris), Naduvattam (Dist The Nilgiris), Wood Braiyar Estate (Dist The Nilgiris), Servalar Dam (Dist Tirunelveli), Rscl-2 Kedar (Dist Villupuram), Rscl-2 Mundiampakkam (Dist Villupuram), Rscl-2 Nemoor (Dist Villupuram), Rscl-3 Avalurpettai (Dist Villupuram), Tindivanam (Dist Villupuram), Vanur (Dist Villupuram) 1 each.

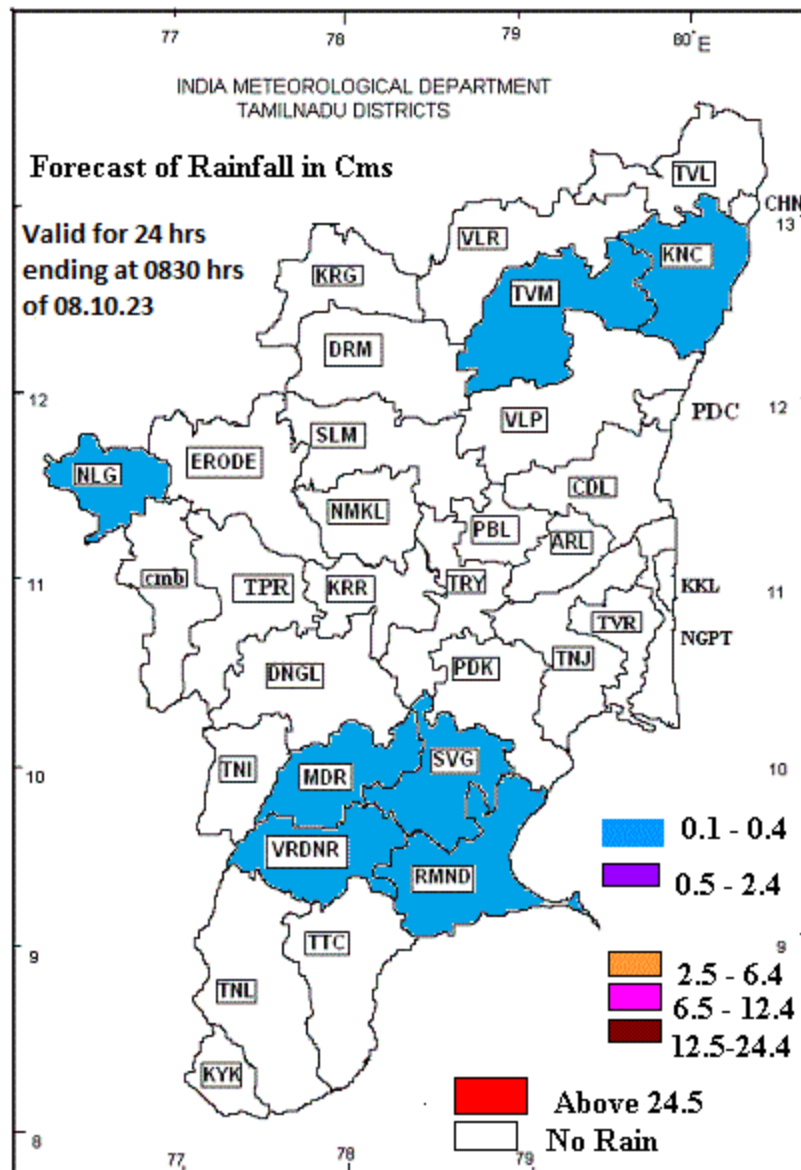
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 03.10.23
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

Chennai

SMS Advisory:

(04.10.2023-08.10.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory

- 1.The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm.
- 2.The floor of nursery piglet shed must be cleaned with luke warm saline or with any other commercial disinfectant to prevent E.coli infection, which in adverse cases of infection leads to diarrhoea and mortality.
- 3.The sheep and goat must be vaccinated against Enterotoxaemia infection.
- 4.To prevent mosquitoes menace the livestock shed may be fumigated with Vitex Negundo dried leaves once in a week
- 5.The newly kidded doe must be vaccinated with TT (Tetanus Toxide)
- 6.Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides).
- 7.Present maximum and minimum temperature is feasible for rabbit production, hence the rabbit may be allowed for individual mating or colony mating.
- 8.The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

Kancheepuram

SMS Advisory:

(04.10.2023-08.10.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory

- 1.The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm.
- 2.The floor of nursery piglet shed must be cleaned with luke warm saline or with any other commercial disinfectant to prevent E.coli infection, which in adverse cases of infection leads to diarrhoea and mortality.
- 3.The sheep and goat must be vaccinated against Enterotoxaemia infection.
- 4.To prevent mosquitoes menace the livestock shed may be fumigated with Vitex Negundo dried leaves once in a week
- 5.The newly kidded doe must be vaccinated with TT (Tetanus Toxide)
- 6.Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides).
- 7.Present maximum and minimum temperature is feasible for rabbit production, hence the rabbit may be allowed for individual mating or colony mating.
- 8.The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

Agricultural advisory

Rice:

The forecasted weather may cause Thirps infestation in nursery field. For management farmers may spray Phosphamidon 40 SL 50 ml.

The forecasted weather is conducive for Sheath Blight infestation in paddy. For management farmers may spray Neem oil @ 3% at start stage of the disease.

Brinjal:

There are possibilities of sucking pest Mite infestation in Brinjal. Farmers may take necessary plant protection measures with the advice of Horticulture officer.

Villupuram

SMS Advisory:

(04.10.2023-08.10.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory

- 1.The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm.
- 2.The floor of nursery piglet shed must be cleaned with luke warm saline or with any other commercial disinfectant to prevent E.coli infection, which in adverse cases of infection leads to diarrhoea and mortality.
- 3.The sheep and goat must be vaccinated against Enterotoxaemia infection.
- 4.To prevent mosquitoes menace the livestock shed may be fumigated with Vitex Negundo dried leaves once in a week
- 5.The newly kidded doe must be vaccinated with TT (Tetanus Toxide)
- 6.Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides).
- 7.Present maximum and minimum temperature is feasible for rabbit production, hence the rabbit may be allowed for individual mating or colony mating.
- 8.The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

Agricultural advisory

Rice:

Due to prevailing weather condition possible for thrips infestation in paddy crop. To manage them, spray thiamethoxam 8.0g/ for 20 cent of nursery field. In transplanted field spray Azadiractin 400 ml/acre or thiamethoxam 40 g/ac. 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.

Groundnut:

Groundnut crops are under maturity stage. Light rainfall will be expected in the forthcoming days, so farmers are advised to harvest the matured crops and stored in godown.

Maize:

Maize growing farmers the fall army worm infection apply neem cake @ 250 kg/ha (farmer contribution) Seed treatment with cyantraniliprole 19.8% + thiamethoxam 19.8 FS @ 4.0 ml/kg seed Border cropping with gingelly or cowpea or sorghum

Installation of pheromone traps @ 12 nos./ha

Spraying of chlorantraniliprole 18.5 SC @ 0.4 ml/l (or) flubendiamide 20 WG (0.5 g/l) at 15-20 days of emergence (DAE)

Application of ememectin benzoate 5 SG (0.4 g/l) or spinetoram 11.7 SC (0.5 ml/l) at 35-40 DAE at late whorl stage and 60 DAE.

Banana:

Light with high wind speed expected it may cause lodging in banana. Provide support to five months and above old banana.

Tiruvannamalai

SMS Advisory:

(04.10.2023-08.10.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory

- 1.The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm.
- 2.The floor of nursery piglet shed must be cleaned with luke warm saline or with any other commercial disinfectant to prevent E.coli infection, which in adverse cases of infection leads to diarrhoea and mortality.
- 3.The sheep and goat must be vaccinated against Enterotoxaemia infection.
- 4.To prevent mosquitoes menace the livestock shed may be fumigated with Vitex Negundo dried leaves once in a week
- 5.The newly kidded doe must be vaccinated with TT (Tetanus Toxide)
- 6.Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides).
- 7.Present maximum and minimum temperature is feasible for rabbit production, hence the rabbit may be allowed for individual mating or colony mating.
- 8.The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

Agricultural advisory

Rice:

Harvest the matured paddy crops and store in safe places.

Provide drainage facility to the nursery field and avoid fertilizer application, any kind of spray.

Groundnut:

Harvest the matured groundnut crops and store in safe places.

Coconut:

To control rhinoceros beetle in rainy season , setup Rhino lure pheromone trap @ 2 traps/acre.

Banana:

Propping and cleaning of dried and bending leaves to ensure the proper aeration and staking for 5 month old banana trees.

Papaya:

Cleaning of papaya field and provide drainage facility.

Tiruvallur

From extended range forecast Above normal rainfall, Normal minimum temperature and maximum temperature expected for the period of 08.10.2023 to 14.10.2023 over Tamil Nadu. 1.farmers are advised to spray insecticides or fungicides with sticking agent; 2. To provide proper drainage facilities to avoid rain water stagnation in the crop field.

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Due to prevailing weather conditions may be affected Thrips in chilli fields in orderto control , Spray imidacloprid 17.8% SL 3 ml/ 10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/ 1 liter of water.

BRINJAL	Due to prevailing weather conditions may be affected Little Leaf disease in brinjal fields in order to control, remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector.
BITTER GOURD	Due to prevailing weather conditions may be chance to Fruit fly infestation occurrence in bitter gourd fields to control Mix methyl eugenol + malathion 50 EC at 1:1 ratio and keep 10 ml of the bait in Polythene bags @ 10 / acre.
MANGO	Mango Tree- Fruit fly- Prepare bait with methyl eugenol 1% solution mixed with malathion @ 2.0 ml/l. Take 10 ml of this mixture per trap.

Vellore

As per the IMD extended range forecast (ERF), above normal rainfall and normal temperature is likely over Tamil Nadu and Puducherry during 8th to 14th October, 2023. To ensure the drainage facilities for avoiding root diseases and staking for standing vegetable crops. Very light rainfall may be expected on forthcoming days. So, farmers are advised to spray insecticides or fungicides with sticking agent.

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Protect dry paddy straw and sorghum straw from raining and subsequent fungal contamination.
Poultry(Varieties)	Poultry Specific Advisory
HEN	Respiratory distress and cold may due to raining and chillness. So give ENROCIN BH 1ml per litre of drinking water for four days.

Cuddalore

From extended range forecast below normal rainfall, maximum temperature and normal minimum temperature expected for the period of 08.10.2023 to 14.08.2023 over Tamil Nadu. Next five days mostly dry weather expected, so farmers are advised to irrigate crops based on soil moisture.

Crop(Varieties)	Crop Specific Advisory
RICE	1. Apply 100 kg of neem cake before transplanting to avoid insect and nematode attack favourable under this prevailing weather condition 2. Alage in paddy field reduces the growth of crops. To control apply, 2.0 kg of copper sulphate mix with sand.
RICE	Due to prevailing weather condition possible for thrips infestation in paddy crop. To manage them, spray thiamethoxam 8.0g/ for 20 cent of nursery field. In transplanted field spray Azadiractin 400 ml/acre or thiamethoxam 40 g/ac.
MAIZE	1. Maize growing farmers the fall army worm infection apply neem cake @ 250 kg/ha (farmer contribution) 2. Seed treatment with cyantraniliprole 19.8% + thiamethoxam 19.8 FS @ 4.0 ml/kg seed 3. Border cropping with gingelly or cowpea or sorghum 4. Installation of pheromone traps @ 12 nos./ha 5. Spraying of chlorantraniliprole 18.5 SC @ 0.4 ml/l (or) flubendiamide 20 WG (0.5 g/l) at 15-20 days of emergence (DAE) 6. Application of emamectin benzoate 5 SG (0.4 g/l) or spinetoram 11.7 SC (0.5 ml/l) at

	35-40 DAE at late whorl stage and 60 DAE.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	1. Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage build up of parasitoids (<i>Encarsia</i> sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	As per the advice of the veterinary doctor, farmers are instructed to vaccinate their dairy animals against Haemorrhagic septicaemia (HS), Black Quarter (BQ) and FMD disease.
Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Next five days mostly dry weather expected, so farmers are advised to harvest the matured crops and stored in godown.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected with high wind speed of 6 - 20 km/hr during next five days in western zone districts. Prevailing cloud cover with high relative humidity leads to less water and nutrient absorption. Hence nitrogenous fertilizers may be applied as slow release form like neem coated urea to get more nutrient efficiency.
Sugarcane	Vegetative	Since squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Cotton	Flowering	To arrest the terminal growth in cloudy weather, nipping the terminal portion of the main stem beyond the 15 th node is advised.
Banana	Above 5 months old	Wind speed of >10km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old. Prevailing cloudy weather with high relative humidity with drizzling is favorable for the sigatoka leaf spot in turmeric hence farmers are requested to monitor the crop and spray if required chlorothalnil @ 2g per liter of water or propiconazole @ 2ml per liter of water.
Turmeric	Vegetative	Prevailing high relative humidity and wind speed would spread the spores of turmeric leaf spot from endemic area. Spray Mancozeb @ 1 kg/ha or copper oxy chloride @ 1.25 kg/ha. <i>Weather is favourable for rhizome rot in Turmeric. Drench with Trichoderma viride to prevent the disease spread.</i> In Turmeric of 120 days old, top dressing with 55 kg urea 30 kg potash per ha with sufficient moisture.

Animal Husbandry		Weather is conducive for mastitis disease in milch animals. Hence, clean the udder with 1% potassium permanganate before and after milking.
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SMS advisory

Wind speed of >10km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected with high wind speed of 6 - 20 km/hr during next five days in western zone districts. Prevailing cloud cover with high relative humidity leads to less water and nutrient absorption. Hence nitrogenous fertilizers may be applied as slow release form like neem coated urea to get more nutrient efficiency.
Sugarcane	Vegetative	Since squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Cotton	Flowering	To arrest the terminal growth in cloudy weather, nipping the terminal portion of the main stem beyond the 15th node is advised.
Banana	Above 5 months old	Wind speed of >10km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old. Prevailing cloudy weather with high relative humidity with drizzling is favorable for the sigatoka leaf spot in turmeric hence farmers are requested to monitor the crop and spray if required chlorothalanyl @ 2g per liter of water or propiconazole @ 2ml per liter of water.
Turmeric	Vegetative	Prevailing high relative humidity and wind speed would spread the spores of turmeric leaf spot from endemic area. Spray Mancozeb @ 1 kg/ha or copper oxy chloride @ 1.25 kg/ha. Weather is favourable for rhizome rot in Turmeric. Drench with Trichoderma viride to prevent the disease spread. In Turmeric of 120 days old, top dressing with 55 kg urea 30 kg potash per ha with sufficient moisture.
Animal Husbandry		Weather is conducive for mastitis disease in milch animals. Hence, clean the udder with 1% potassium permanganate before and after milking.

SMS advisory

Wind speed of >10km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected with high wind speed of 6 - 20 km/hr during next five days in western zone districts. Prevailing cloud cover with high relative humidity leads to less water and nutrient absorption. Hence nitrogenous fertilizers may be applied as slow

		release form like neem coated urea to get more nutrient efficiency.
Sugarcane	Vegetative	Since squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Cotton	Flowering	To arrest the terminal growth in cloudy weather, nipping the terminal portion of the main stem beyond the 15th node is advised.
Banana	Above 5 months old	Wind speed of >10km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old. Prevailing cloudy weather with high relative humidity with drizzling is favorable for the sigatoka leaf spot in turmeric hence farmers are requested to monitor the crop and spray if required chlorothalnil @ 2g per liter of water or propiconazole @ 2ml per liter of water.
Animal Husbandry		Weather is conducive for mastitis disease in milch animals. Hence, clean the udder with 1% potassium permanganate before and after milking.

SMS advisory

Wind speed of >10km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old.

Nilgiris

To manage Fusarium wilt in carnation, soil drenching with carbendazim @ 0.1 % or difenoconazole @ 0.05 % or Pseudomonas fluorescens as soil application @ 25 g/m² and foliar application @ 0.5 % at monthly intervals or soil drenching with Bacillus amyloliquefaciens @ 0.5 % at monthly intervals is recommended. 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.

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Soil application of FYM @ 10 kg + Neem cake @ 1.25 kg as basal; Vermicompost @ 5 kg after 3 months of planting and Wood ash @ 1.75 kg / plant after 5 months of planting; Triple green manuring with sunhemp (one time) and Cowpea (two times) + biofertilizers viz., Arbuscular mycorrhiza (AM) @ 25g, Azospirillum @ 50 g, Phosphate solubilizing bacteria (PSB) @ 50 g and Trichoderma harzianum @ 50 g/plant is recommended for organic cultivation of banana.
TEA	To manage Blister blight in tea crop, Spray 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

Nilgiris Block level

Coonor, Gudalur, Kotagiri and Ooty Blocks

To manage Fusarium wilt in carnation, soil drenching with carbendazim @ 0.1 % or difenoconazole @ 0.05 % or Pseudomonas fluorescens as soil application @ 25 g/m² and foliar application @ 0.5 % at monthly intervals or soil drenching with Bacillus amyloliquefaciens @ 0.5 % at monthly intervals is

recommended. 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.

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Soil application of FYM @ 10 kg + Neem cake @ 1.25 kg as basal; Vermicompost @ 5 kg after 3 months of planting and Wood ash @ 1.75 kg / plant after 5 months of planting; Triple green manuring with sunhemp (one time) and Cowpea (two times) + biofertilizers viz., Arbuscular mycorrhiza (AM) @ 25g, Azospirillum @ 50 g, Phosphate solubilizing bacteria (PSB) @ 50 g and Trichoderma harzianum @ 50 g/plant is recommended for organic cultivation of banana.
TEA	To manage Blister blight in tea crop, Spray 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

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

Agro Advisory:

Crop	Stage	Advisory
General		Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI).
Rice	Main field	By utilizing dry weather, fertilizers and pesticides can be applied. Apply 32.6 kg Urea and 8.4 kg of MOP should be applied after 35 days after transplanting for 1 acre rice field. The prevailing weather condition favors Thrips infestation. To control the Thrips damage in transplanted rice, apply Thiamethxam 25WG @ 40g/ acre.
cotton		Due to prevailing weather condition there are chances of cotton green leaf hopper infestation. To control spray thiamethxam 25 WG 0.6 gram/litre or imidacloprid 17.8 SL 0.6 ml/litre
Cattle	Cow	Before monsoon ensure that cows and buffaloes were vaccinated against food and mouth disease.

SMS advisory

Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI).

Tiruchirapalli

Light to moderate rainfall with Thunderstorm and Lighting at Isolated places of Tamil Nadu. To know the precaution of thunder and lightning, download DAMINI app and use it wisely.

Crop(Varieties)	Crop Specific Advisory
RICE	By utilize the opt weather, transplanting of samba rice may be continued. Due to high windspeed tip drying of leaves is observed in rice crop by collision of leaves not by disease. No need to spray.

SUGARCANE	Due to prevailing weather condition changes of sugarcane Top shoot borer infection. To control apply carbofuran 3% CG @ 66 kg/ha or chlorantraniliprole 0.4% G @ 18.75 kg/ha or chlorantraniliprole 18.5% SC 375 ml/ha.
COTTON	Due to prevailing weather condition there are chances of cotton green leaf hopper infestation. To control spray thiamethoxam 25 WG 0.6 gram/litre or imidacloprid 17.8 SL 0.6 ml/litre.
Horticulture(Varieties)	Horticulture Specific Advisory
TAPIOCA	Prevailing weather condition is favourable for mealy bug infestation in tapioca crop. To control spray fluonicamid 50 % WG 60 g/acre or spirotetramat 150 OD 250 ml/acre or thiamethoxan 25 WDG 40 g/acre.
CHILLI	Due to prevailing weather the Thrips incidence may occur in Chillies. To control, Spray Imidacloprid 17.8 SL 3 ml/10 litre.

Tiruchirapalli Block level

Andanallur, Lalgudi, Manachanellur, Manapparai, Manikandam, Marungapuri Blocks

Light to moderate rainfall with Thunderstorm and Lighting at Isolated places of Tamil Nadu. To know the precaution of thunder and lightning, download DAMINI app and use it wisely.

Crop(Varieties)	Crop Specific Advisory
RICE	By utilize the opt weather, transplanting of samba rice may be continued. Due to high wind speed tip drying of leaves is observed in rice crop by collision of leaves not by disease. No need to spray.
SUGARCANE	Due to prevailing weather condition changes of sugarcane Top shoot borer infection. To control apply carbofuran 3% CG @ 66 kg/ha or chlorantraniliprole 0.4% G @ 18.75 kg/ha or chlorantraniliprole 18.5% SC 375 ml/ha.
COTTON	Due to prevailing weather condition there are chances of cotton green leaf hopper infestation. To control spray thiamethoxam 25 WG 0.6 gram/litre or imidacloprid 17.8 SL 0.6 ml/litre
Horticulture(Varieties)	Horticulture Specific Advisory
TAPIOCA	Prevailing weather condition is favourable for mealy bug infestation in tapioca crop. To control spray fluonicamid 50 % WG 60 g/acre or spirotetramat 150 OD 250 ml/acre or thiamethoxan 25 WDG 40 g/acre.

Musiri, Pullambadi, Tattayangarpettai, Thiruverambur, Thottiam, Turaiyur Blocks

Light to moderate rainfall with Thunderstorm and Lighting at Isolated places of Tamil Nadu. To know the precaution of thunder and lightning, download DAMINI app and use it wisely.

Crop(Varieties)	Crop Specific Advisory
RICE	By utilize the opt weather, transplanting of samba rice may be continued. Due to high wind speed tip drying of leaves is observed in rice crop by collision of leaves not by disease. No need to spray.
COTTON	Due to prevailing weather condition there are chances of cotton green leaf hopper infestation. To control spray thiamethoxam 25 WG 0.6 gram/litre or imidacloprid 17.8 SL 0.6 ml/litre
Horticulture(Varieties)	Horticulture Specific Advisory
TAPIOCA	Prevailing weather condition is favourable for mealy bug infestation in tapioca crop. To control spray fluonicamid 50 % WG 60 g/acre or spirotetramat 150 OD 250 ml/acre or thiamethoxan 25 WDG 40 g/acre.
CHILLI	Due to prevailing weather the Thrips incidence may occur in Chillies. To control, Spray Imidacloprid 17.8 SL 3 ml/10 litre.

Uppiliapuram & Vaiyampatti Blocks

Light to moderate rainfall with Thunderstorm and Lighting at Isolated places of Tamil Nadu. To know the precaution of thunder and lightning, download DAMINI app and use it wisely.

Crop(Varieties)	Crop Specific Advisory
RICE	By utilize the opt weather, transplanting of samba rice may be continued. Due to high wind speed tip drying of leaves is observed in rice crop by collision of leaves not by disease. No need to spray.
SUGARCANE	Due to prevailing weather condition changes of sugarcane Top shoot borer infection. To control apply carbofuran 3% CG @ 66 kg/ha or chlorantraniliprole 0.4% G @ 18.75 kg/ha or chlorantraniliprole 18.5% SC 375 ml/ha.
COTTON	Due to prevailing weather condition there are chances of cotton green leaf hopper infestation. To control spray thiamethoxam 25 WG 0.6 gram/litre or imidacloprid 17.8 SL 0.6 ml/litre
Horticulture(Varieties)	Horticulture Specific Advisory
TAPIOCA	Prevailing weather condition is favourable for mealy bug infestation in tapioca crop. To control spray fluonicamid 50 % WG 60 g/acre or spirotetramat 150 OD 250 ml/acre or thiamethoxan 25 WDG 40 g/acre.
CHILLI	Due to prevailing weather the Thrips incidence may occur in Chillies. To control, Spray Imidacloprid 17.8 SL 3 ml/10 litre.

Dindigul

SMS Advisory	Chances of very light to light rain during the next four days. Maximum temperature would be in the range of 34°C to 35°C and the minimum temperature would be between 23°C - 25°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 4-8 Kmph from, Northwest & West directions.
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General Advisory:

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 4th October 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. . To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

Since very less amount of rainfall is forecasted for next 5 days, farmers can plan for crop protection activities.

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

Cotton:

The application of micronutrients will rectify the nutrient deficiency in Cotton.

Apply 5kg of Cotton nutrient mixture or 10 kg of Mg So₄ /acre.

Also mix 2kg of Azospirillum, and 2kg of Phosphobacteria with FYM/acre and apply it in the field.

Farmers cultivating cotton in rain-fed areas can take advantage of the current rainfall and provide 5 kg of cotton micronutrient or 20 kg of magnesium sulphate fertilizer per acre within 10 days of planting to address the micronutrient deficiency.

Lablab:

At this stage, pruning can be done for the Lab Lab crop, to get a good yield.

When the vine reaches the pandal, the terminal bud has to be nipped. Each branch has to be pruned, leaving three feet in length.

When the flowering starts, prune the branches bearing inflorescence, leaving three nodes from the productive axil. Continue this procedure throughout the reproductive phase.

Spraying activity can be carried out during non-rainy days.

Animal Husbandry:

During the rainy season, the chances of growth of coccidial oocysts as well as the Clostridium perfringens and Ecoli are more.

Enterotoxaemia occurs due to sudden changes in feed or damage to the intestinal mucosa.

High dietary levels of dry fish, fishmeal and wheat may be avoided for the poultry.

The enterotoxaemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds. Similarly, the litter moisture should be kept low.

Madurai

SMS Advisory	Chances of very light to light rain during the next five days .Maximum temperature would be in the range of 34°C to 35°C and the minimum temperature would be between 23°C - 25°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 4-8 Kmph from, Southwest, Northwest, Northeast & Southeast directions.
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General Advisory:

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 4th October 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. . To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

Since very less amount of rainfall is forecasted for next 5 days, farmers can plan for crop protection activities.

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

Paddy:

Using the prevailing weather condition, paddy farmers can raise Azolla as a dual crop by inoculating 250 kg/ha 3 to 5 DAT and then incorporate during weeding for the wet season crop.

Broadcast 10 kg of soil based powdered BGA flakes at 10 DAT and maintain a thin film of water for multiplication.

Sugarcane:

Due to the prevailing weather conditions the incense of Yellow Leaf disease is seen in Sugarcane. This disease affects the 5 to 6-month crop.

The symptoms are yellowing of the midrib and adjacent laminar region. Subsequent leaf drying along the midrib in 3 to 5 leaves from the top. Sometimes in severe cases, it shows the bunchy top appearance at the top of the cane. This disease will spread heavily in matured cane.

The field should be maintained hygienically. Proper application of Fertilizer, irrigation, and nutritional management should be done.

To control this disease spray Imidacloprid @ 100ml per acre.

Animal Husbandry:

During the rainy season, the chances of growth of coccidial oocysts as well as the Clostridium perfringens and Ecoli are more.

Enterotoxaemia occurs due to sudden changes in feed or damage to the intestinal mucosa.

High dietary levels of dry fish, fishmeal and wheat may be avoided for the poultry.

The enterotoxaemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds.

Similarly, the litter moisture should be kept low.

Pudukottai

Due to the rains for past few days there might be deficiency symptoms on leaves. Soil application of Urea 10 kg/ha, Gypsum 8 kg/ha and Neemcake 2 kg/ha can be done. Inclusion of Azolla in feed of livestock and poultry reduces the feed cost as well as improves the production.

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Apply urea 650 gm super phosphate 1kg, potash 1 kg and neem powder 50 kg kg per tree as the first fertilizer for coconut trees using last week's rains.
BANANA	Due to high clouds and humidity in the air, cigarette butts are prone to gray rot. If necessary, mix 2 g of Mancozeb and spray.
Live Stock(Varieties)	Live Stock Specific Advisory

COW	Concentrated fodder maize, and sorghum varieties should be stored without moisture. Fodder bags should be stacked on logs. Do not store fodder bags near to the wall. (moisture should be very low).
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Ramanathapuram

From extended range forecast, above normal rainfall, normal maximum and minimum temperature expected for the period of October 08 to October 14 over Tamil Nadu. Farmers are advised to apply 200 kg of gypsum per acre at the time of last ploughing for better growth of crop.

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Due to the prevailing weather condition, incidence of red palm weevil expected in coconut. The damage symptoms are holes can be seen on the stem with chewed up fibres protruding out and reddish brown liquid can be seen oozing out from the hole. If symptoms are observed in coconut tree, spot application with insecticidal solution containing Imidacloprid 17.8% SL @ 1 ml with 1 liter of water.
COCONUT	In coconut, to control the Rhinocerosbeetle, 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.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	As per the advice of the veterinary doctor, farmers are instructed to vaccinate their dairy animals against Haemorrhagic septicaemia (HS), Black Quarter (BQ) and FMD disease

Sivagangai

SMS Advisory	Chances of very light rain on 7 & 8 Oct. Maximum temperature would be in the range of 34°C to 35°C and the minimum temperature would be between 23°C - 25°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 10-16 Kmph from, Southwest, South, & Southeast directions.
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General Advisory:

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 4th October 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. . To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

Wind with the speed of 10 to 16 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 very less amount of rainfall is forecasted for next 5 days, farmers can plan for crop protection activities.

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

Mango:

The incidence of the Shoot borer is expected in mangos.

The symptoms of damage are terminal shoots showing tunnels from top to downwards.

Stunted growth of seedlings, with a bunched appearance in the terminal.

To control spray Neem oil @ 40ml + sticky agent @ 10ml with 10 litres of water.

Brinjal:

The incidence of Leaf spot disease is noticed in Brinjal. This disease normally occurs during the cloudy days of the monsoon period.

This can be controlled by spraying Dythene M45 @ 2g/litre for an interval of 15 days.

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

Animal Husbandry:

During the rainy season, the chances of growth of coccidial oocysts as well as the Clostridium perfringens and E. coli are more.

Enterotoxaemia occurs due to sudden changes in feed or damage to the intestinal mucosa.

High dietary levels of dry fish, fishmeal and wheat may be avoided for the poultry.

The enterotoxaemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds. Similarly, the litter moisture should be kept low.

Theni

SMS Advisory	Chances of very light to light rain during the next four days. Maximum temperature would be in the range of 26°C to 28°C and the minimum temperature would be between 21°C - 22°C. Partly cloudy sky will appear for the next five days. Wind expected with the speed of 6-8 Kmph from, West direction.
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General Advisory:

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 4th October 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. . To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

Since very less amount of rainfall is forecasted for next 5 days, farmers can plan for crop protection activities.

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

Groundnut:

Due to the prevailing weather condition, the incidence of rust disease may affect Groundnut.

To protect the crop, mix 1kg of Pseudomonas, 1kg of Bacillus subtilis and 2kg of Jaggery with 100 litres of water/acre.

Spray in evening hours of non rainy days.

Cotton:

For Cotton crop, if basal application was not given or cannot be done, fertilizer can be applied on the 25th day after sowing.

For varieties, apply 50% of N and K with full dose of P as basal and remaining 50% N and K at 40–45th DAS for varieties.

For hybrids, apply N in three splits viz., basal, 45 and 65 DAS.

Foliar applications of 2% DAP + 1% KCl or Polyfeed and Multi K can be sprayed to improve the yield.

Animal Husbandry:

During the rainy season, the chances of growth of coccidial oocysts as well as the Clostridium perfringens and Ecoli are more.

Enterotoxaemia occurs due to sudden changes in feed or damage to the intestinal mucosa.

High dietary levels of dry fish, fishmeal and wheat may be avoided for the poultry.

The enterotoxaemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds. Similarly, the litter moisture should be kept low.

Virudhunagar

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Day 4 (07.10.2023) and day 5 (08.10.2023) is predicted with very light to light rainfall. Hence, farmers are requested to irrigate the crop.
Rainfed crop	Sowing	Farmers available with supplement irrigation can go for sowing, if not wait till rainfall arrival.
Spraying	Rainfall	Avoid dry spell stress give with foliar spray of Pulse- TNAU Pulse Wonder @ 2 kg/acre in 200 litres of water at flower initiation stage. Rice- PPFM-Pink Pigmented Facultative Microbes @ 500 ml/ha at PI & flag leaf stage. Groundnut - TNAU Groundnut Rich @ 2.0 kg/ac (for each spray) in 200 litres of water at peak flowering and pod filling stage. Cotton -TNAU Cotton Plus @ 2.5 kg/ac with 200 litres of water at flowering and boll formation stages Maize - TNAU Maize Maxim @ 3 kg/acre in 200 litres of water at tassel initiation and at grain filling stages
Cotton	Vegetative	Dust mulching may be done to reduce the evaporative loss of soil moisture.
Maize	Vegetative	The prevailing weather condition is conducive for fall armyworm incidence in early maize crop. Spray chlorantraniliprole 18.5% SC @ 0.4ml/ litre of water. Use only hand sprayer and direct the spray towards whorl region.
Chilli	Nursery preparation	spray water or neem oil to over the dry condition
Livestock	October month forecast	Anthrax - Very High Risk – goat, sheep, cattle- Vaccination to be done in consultation with the veterinarians and as decided by state animal husbandry authorities. Other diseases infection are at very low risk.

SMS: Rain: 07&08.10-3&1 mm. Irrigate the crop and spraying may be done to overcome the dry spell condition. Sowing of rainfed crops preferable with supplement irrigation.

Tamil Nadu
Light to Moderate North-westerlies / Westerlies/ Southwesterlies prevail over the region in the lower tropospheric levels.

Weather forecast	Next five days	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area on Day 1 (04.10.2023). Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli and Tenkasi districts of Tamilnadu on Day 1 (04.10.2023). Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area from Day 2 (05.10.2023) to Day 5 (08.10.2023).
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Tirunelveli

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Day 4 (07.10.2023) and day 5 (08.10.2023) is predicted with very light to light rainfall. Hence, farmers are requested to irrigate the crop.
Rainfed crop	Sowing	Farmers available with supplement irrigation can go for sowing, if not wait till rainfall arrival.
Spraying	Rainfall	Avoid dry spell stress give with foliar spray of Pulse- TNAU Pulse Wonder @ 2 kg/acre in 200 litres of water at flower initiation stage. Rice- PPFM-Pink Pigmented Facultative Microbes @ 500 ml/ha at PI & flag leaf stage. Groundnut - TNAU Groundnut Rich @ 2.0 kg/ac (for each spray) in 200 litres of water at peak flowering and pod filling stage. Cotton -TNAU Cotton Plus @ 2.5 kg/ac with 200 litres of water at flowering and boll formation stages Maize - TNAU Maize Maxim @ 3 kg/acre in 200 litres of water at tassel initiation and at grain filling stages
Cotton	Vegetative	Dust mulching may be done to reduce the evaporative loss of soil moisture.
Maize	Vegetative	The prevailing weather condition is conducive for fall armyworm incidence in early maize crop. Spray chlorantraniliprole 18.5% SC @ 0.4ml/ litre of water. Use only hand sprayer and direct the spray towards whorl region.
Chilli	Nursery preparation	spray water or neem oil to over the dry condition
Livestock	October month forecast	Anthrax - Very High Risk – goat, sheep, cattle- Vaccination to be done in consultation with the veterinarians and as decided by state animal husbandry authorities. Other diseases infection are at very low risk.

SMS: Rain: 07&08.10-3&1 mm. Irrigate the crop and spraying may be done to overcome the dry spell condition. Sowing of rainfed crops preferable with supplement irrigation.

Tamil Nadu		
Light to Moderate North-westerlies / Westerlies/ Southwesterlies prevail over the region in the lower tropospheric levels.		
Weather forecast	Next five days	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area on Day 1 (04.10.2023). Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli and Tenkasi districts of Tamilnadu on Day 1 (04.10.2023). Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area from Day 2 (05.10.2023) to Day 5 (08.10.2023).

Thoothukudi

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very light rainfall is predicted on day 4 (07.10.2023). Hence, farmers are requested to irrigate the crop based on local weather.
Rainfed crops	Selection of varieties	For sowing during the ensuing northeast monsoon season. Cotton (KC 3 & K12), Maize (CoH(M) 6 &8), Sorghum (K 8 & K 12), Black gram (Vamban 6, 8 &11), Green gram (CO 7 & CO 8).
	Sowing	Farmers available with supplement irrigation can go for sowing, if not wait till rainfall arrival.
Chilli	Nursery preparation	spray water or neem oil to over the dry condition
Paddy	Green manuring	Raise green manure crops like daincha @ 20 kg/ ha in rice field.
Banana	Vegetative to bunch formation	Moderate Wind speed and rainfall may lead lodging. Propping and earthing-up operation may be practiced

SMS: Rain: 07.10.-1 mm Irrigate the crop. Sowing of rainfed crops preferable with supplement irrigation.
Chilli- neem oil spray.

Tamil Nadu		
Light to Moderate North-westerlies / Westerlies/ Southwesterlies prevail over the region in the lower tropospheric levels.		
Weather forecast	Next five days	Light to moderate rain with thunderstorm and lightning is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area on Day 1 (04.10.2023). Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli and Tenkasi districts of Tamilnadu on Day 1 (04.10.2023). Light to moderate rain is likely to occur at one or two places over Tamilnadu, Puducherry & Karaikal area from Day 2 (05.10.2023) to Day 5 (08.10.2023).

Kanyakumari

AGRO ADVISORIES.

S. N.	CROP	STAGES	ADVISORIES
	There are possibilities of rainfall on 04.10.23, 05.10.23, 06.10.23 and 07.10.23. Maximum temperature will range from 30 - 31°C and minimum temperature will range from 23 - 24°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 14 - 18 km / hr in West direction.		
1.	Horticultural crops.	All stages	Basins can be formed and coir compost should be applied to conserve moisture in banana, pepper, clove, nutmeg, cinnamon and coconut.
2.	Banana	All stages	Heavy wind. So provide support for banana crops to prevent from lodging.
3.	Rice	Harvesting stage	As rainfall is expected, harvested paddy grains should be stored in a dry places.

4.	Coconut	All stages	Apply coconut husks with convex surface facing upwards in the basin of 1.8 m radius around the palms to conserve the soil moisture.
5.	Rubber	Tapping Stage	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.

SMS Advisory

Basins can be formed and coir compost should be applied to conserve moisture in banana, pepper, clove, nutmeg, cinnamon and coconut.

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	The prevailing high temperature and prolonged leaf wetness may cause the spread of fungal diseases like budrot in coconut, inflorescence rot in areca nut, panama wilt in banana, wilt in black pepper, die back disease in cashew and rhizome rot in ginger and turmeric.
Crops	General	Irrigate the crop as per requirement and use mulching to reduce evaporation, enhance water holding capacity and soil health
Post harvest		Weather is unfavourable for drying harvested products (like rice, rubber, copra, pulses, vegetable seeds, etc) directly under sun. Adhesive /sticking agents should be used to prevent runoff of pesticide, fungicide etc
Crops	General	Give popping to all soft slender stemmed crops like banana, vegetables, climbers etc. Clean the drainage channels in crop lowlands to enable proper drainage of excess water in case of exigencies if any.
Cattle:	General	Do not shelter the cattle in shelters having weak structures.
Tree planting	planting	Tree planting 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 cow dung/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.
Cow pea	sowing	Farmers who wish to take up rain fed pulses are advised to take up sowing based on soil moisture. Soak the seed for 10-12 hours, shade dry and then take up sowing
Rice	transplanting	Thorough puddling and levelling of fields before transplanting are recommended. Block crab holes on the bunds to prevent loss of water and nutrients from the fields. Dip the roots of the seedlings in Pseudomonas solutions (250g/750ml of water) for 20 minutes before planting the seedlings in main fields. This will help the plants for better root proliferation and to resist fungal diseases. While transplanting apply the basal fertilizer as per recommendation. Apply N and K in four equal splits at 21 days after sowing, active tillering, panicle initiation and heading stages. Entire P applied as basal applied in the last plough or at the time of incorporation of green manure / compost.

Sugarcane:	Vegetative stage	Due to the past dry weather condition, Mealy bug incidence in sugarcane has increased. To manage soil application of 5 tonnes of FYM/organic manure+ neem cake per acre along with spraying of dimethoate 30EC at 1ml per litre of water using battery operated or hand sprayer.
Pepper	Vegetative stage	As prophylactic measure for pepper wilt, apply 150gram of Trichoderma/ bacillus enriched neemcake - cow dung mixture in the basins of the vines and incorporate thoroughly with the soil. If disease already appeared, Spray Redomil 0.2% (2g/litre of water) on the leaves and stem
Tapioca	Vegetative stage	Due to the past dry weather condition, there are chances for increase in red spider mite damage in Tapioca. To manage red spider mite, remove the weeds that acts as alternate source for mites and keep the field weed free and spray Omite 57 ec at 2 ml per litre of water using battery operated or hand sprayer.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	<p>In the recent days, there has been a rainy day followed by shine days in a week, this prevailing temperature and relative humidity is found to be an ideal condition for fly breeding. This has led to a high fly population in poultry farms. A simple technique is commonly practiced to monitor fly population is spot card, which helps to take decision on fly control measures at an appropriate time. A white paper of size 5 x 3 inch mounted on a cardboard with pin and keep 5 – 10 spot cards / shed for 24 hour. After 24 hour, cards are collected and fly specks (spots) (faecal and vomit drops) can be counted to arrive approximate number of flies.</p> <p>If the fly spots are above 100, necessary control measures have to be taken. To control fly menace, the farm premises should be maintained hygienically through replacement of faulty nipples, proper disposal of dead birds and broken eggs. If fly intensity is high the birds should be fed with Insect Growth Regulators mixed feed.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Tapioca	Vegetative stage	<p>Spiraling whitefly in Tapioca</p> <p>Symptoms The infested leaves will become yellow. Development of Sooty mould fungus in lower leaves.</p> <p>Management measures Removal of unwanted weeds and infested leaves. Setting up of yellow sticky trap 10 – 15 numbers / acre for monitoring. If the damage is beyond the economic threshold level, foliar spraying of Neem oil 3 % and foliar application of Imidacloprid @ 1 ml / litre or thiamethoxam @ 1 gram / litre of water /acre may be undertaken.</p>
Coconut	Vegetative stage	Coconut rugose spiraling whitefly incidence was noticed all over Namakkal district. It can be managed by spraying Neem oil 5 ml with 1.5 ml sticking

		agent using power gun sprayer and placing yellow sticky trap of 3 ft X 1.5ft @ 10 numbers / acre. Sooty mould can be controlled by spraying starch solution and allowing chrysoperla insect feeder @ 400 numbers and Encarsia parasitoid @ 100 / acre. Avoid using chemical pesticides.
Maize	Vegetative stage	Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide spray to control maize fall army worm pest during initial stage of the crop.
Banana	Vegetative stage	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3 , 5 and 7 month after planting to increase the yield of banana.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

SMS: No Rainfall, Apply light and frequent irrigation to the standing crops. Increase the frequency of irrigation at critical growth stages.	
Crop	Advisory
Mango	Prevailing weather Mangooppers incidence Nymphs and adults suck the sap of inflorescence, Withering. Shedding of flower buds and flowers, Presence of honey dew segregation on lower leaves and development of sooty mould. Clicking sound – movement of jassids amidst leaves. Hoppers provide shelter in the cracks and crevices of the barks on the tree Management of the incidence Avoid close planting, as the incidence very severe in overcrowded orchards. Orchards must be kept clean by ploughing and removal of weeds. Spray Imidacloprid 17.8 SL 2.0 ml/10 litter or Dimethoate 30EC 1.5 ml/l.
Sugarcane	Sugarcane White Grub symptoms Yellowing and wilting of leaves. Drying of entire crown. Affected canes come off easily when pulled. Cause extensive damage to roots and base of shoot. Affected canes shows lodging in the field. Damages can seen more in ratoon crop when compare to plant crop for control measures Apply Beauveria brongniortii @ 2.5 kg/ha (1*10 ⁹ CFU/g) entopathogenic fungal formulation along with FYM at the time of planting in endemic regions.
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 pray 10% Calotropis leaf extract, Spray Carbendazim 250 g + Mancozeb 1000g/ha , Chlorothalonil 1000g/ha. If necessary give the 171 second round 15 days later.
Paddy	Paddy Thrips Leaf shows discoloration and rolling Yellow (or) silvery streaks on the leaves of young seedlings ,Terminal rolling and drying of leaves from tip to base, It causes damage both in nursery and main field, Leaf tips wither off when severely infested for control measures Spray azadirachtin 0.15% @ 600-1000 ml/acre, Thiamethoxam 25 WG @ 40 g/acre
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

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 @ 4 grams 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.
Banana	Rhizome weevil - Grubs bore into the rhizome and cause death of the plant Presence of dark coloured tunnels in the rhizomes. Death of unopened pipe, withering of outer leaves. For control measures 5 to 10 grams of borate 10G per tree or Fipronil 0.3% GR 10 kg/ ha per acre mixed with sand or urea at the rate of 1 handful per plant should be sprinkled around the roots and watered.
Coconut	Coconut -Leaf Eating Caterpillar/ Black Headed Caterpillar- The coconut trees of all ages are attacked. Dried up patches on leaflets of the lower leaves, only three or four youngest leaves at the center of the crown remain green. Galleries of silk and frass on underside of leaflets. In case of severe infestation the whole plantations present a scorched appearance for control measures Removal of highly infested lower fronds and burning, Release of Braconid parasitoid & Keeping light trap at 6.30 pm to 7.30 to attract and kill adult moths.
Turmeric	Turmeric - Leaf spot- In 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 measures Field sanitation. Spray with Mancozeb 0.25% or copper oxy chloride 0.25% immediately after the appearance of symptom and at 15 days interval.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	In the recent days, there has been a rainy day followed by shine days in a week, this prevailing temperature and relative humidity is found to be an ideal condition for fly breeding. This has led to a high fly population in poultry farms. A simple technique is commonly practiced to monitor fly population is spot card, which helps to take decision on fly control measures at an appropriate time. A white paper of size 5 x 3 inch mounted on a cardboard with pin and keep 5 – 10 spot cards / shed for 24 hour. After 24 hour, cards are collected and fly specks (spots) (faecal and vomit drops) can be counted to arrive approximate number of flies. If the fly spots are above 100, necessary control measures have to be taken. To control fly menace, the farm premises should be maintained hygienically through replacement of faulty nipples, proper disposal of dead birds and broken eggs. If fly intensity is high the birds should be fed with Insect Growth Regulators mixed feed.
Agro advisory from Krishi Vigyan Kendra		
Tapioca	Vegetative stage	Spiraling whitefly in Tapioca Symptoms The infested leaves will become yellow. Development of Sooty mould fungus in lower leaves.

		<p>Management measures</p> <p>Removal of unwanted weeds and infested leaves. Setting up of yellow sticky trap 10 – 15 numbers / acre for monitoring.</p> <p>If the damage is beyond the economic threshold level, foliar spraying of Neem oil 3 % and foliar application of Imidacloprid @ 1 ml / litre or thiamethoxam @ 1 gram / litre of water /acre may be undertaken.</p>
Coconut	Vegetative stage	<p>Coconut rugose spiraling whitefly incidence was noticed in coconut crop. It can be managed by spraying Neem oil 5 ml with 1.5 ml sticking agent using power gun sprayer and placing yellow sticky trap of 3 ft X 1.5ft @ 10 numbers / acre.</p> <p>Sooty mould can be controlled by spraying starch solution and allowing chrysoperla insect feeder @ 400 numbers and Encarsia parasitoid @ 100 / acre.</p> <p>Avoid using chemical pesticides.</p>
Maize	Vegetative stage	<p>Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide spray to control maize fall army worm pest during initial stage of the crop.</p>
Banana	Vegetative stage	<p>Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3 , 5 and 7 month after planting to increase the yield of banana.</p>

Karaikal

Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Rice	Weed management	To manage weeds in nursery, apply pre-emergence herbicide Butachlor 50 EC @ 1.0 kg (a.i.)/ha on 8 DAS.
		To manage weeds in direct wet seeded rice, apply Pretilachlor + safener 30 EC @ 0.450 kg (a.i.)/ha at 3 days after sowing.
		To manage weeds in direct dry seeded rice, apply Pendimethalin 30 EC @ 1.0 kg (a.i.)/ha at 5 days after sowing on the day of receipt of soaking rain.
Cattle	Paddy straw enriching	Urea enriched paddy straw can be prepared in dry days of this month and it can be used for cattle from rainy season to end of winter season. (To enrich 100 kg of paddy straw, dissolve 4 kg urea in 65 litres of water and sprinkle prepared urea solution over the paddy straw and cover it. After 21 days the urea treated paddy straw can be used for feeding).
	Hemorrhagic septicaemia	Hemorrhagic septicaemia is a bacterial disease in cattle. It generally occurs during rainy season. Hence, to prevent this disease in farm animals vaccinate cattle before rainy season for Hemorrhagic septicaemia (October).
	Theileriosis	Theileriosis is an important disease in exotic and cross bred dairy cattle. This disease is transmitted by the bite of the ticks of the genus Hyalomma. The growth and development is high in ticks during September and October. Hence, the breeding places of ticks like cattle manure, filth, dark corners, dampness and stagnant water etc. and eggs

		of ticks deposited in cracks & crevices in the walls, floors & wood work of the animal houses should be cleaned properly to prevent the occurrence of the disease in cattle.
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SMS: Light to moderate rain is expected for next few days. Hence, postpone irrigation to paddy crop.

