



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 071/2022

For the period 0830 IST, 06th September 2022

To 0830 IST, 11th September 2022

Issued on Tuesday, 06th September 2022

Issued by

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

Agro climatic zones of the state

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



Past Weather Summary for the period 02.09.22 to 05.09.22 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 26°C – 36°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 17°C – 21°C during the period.

Minimum temperature of range 21°C - 28°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 11°C - 13°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	02.09.22	Tamil Nadu Puducherry
Fairly widespread (Many places)	05.09.22	Tamil Nadu
Scattered (Few Places)	03.09.22	Puducherry
Isolated (One or two Places)	03.09.22 & 04.09.22	Tamil Nadu
Dry	04.09.22 & 05.09.22	Puducherry

Chief Amounts of Rainfall (in cms):

02.09.22 : Tiruppur Collectorate Camp Office (dist Tiruppur) 9, Kangeyam (dist Tiruppur) 8, Sulur (dist Coimbatore), Panruti (dist Cuddalore), Rasipuram (dist Namakkal) 7 each, Avinasi (dist Tiruppur), Paramathivelur (dist Namakkal) 6 each, Cheyyur (dist Chengalpattu), Perundururai (dist Erode), Pechiparai (dist Kanyakumari), Tiruppur (dist Tiruppur), Cuddalore (dist Cuddalore), Mettupalayam (dist Coimbatore), Red Hills (dist Tiruvallur), Gobichettipalayam (dist Erode), Madavaram Aws (dist Tiruvallur) 5 each, Chinnakalar (dist Coimbatore), Puzhal Arg (dist Tiruvallur), Vattanam (dist Ramanathapuram), Musiri (dist Trichy), Vadapudupattu (dist Tirupattur), Thamaraipakkam (dist Tiruvallur), Perambur (dist Chennai), Kulithalai (dist Karur), Dharapuram (dist Tiruppur), Nilakottai (dist Dindigul) 4 each, Villivakkam ARG (dist Tiruvallur) Devala (dist Nilgiris), Valparai Taluk Office (dist Coimbatore), Cholavaram (dist Tiruvallur), Chittar (dist Kanyakumari), Thirukalukundram (dist Chengalpattu), Chennai(n) (dist Chennai), Kadambur (dist Toothukudi), Valparai Pto (dist Coimbatore), Melalathur (dist Vellore), G Bazar (dist Nilgiris), Sholayar (dist Coimbatore), Srivilliputhur (dist Virudhunagar), Tirupoondi (dist Nagapattinam), Thiruvallangadu (dist Tiruvallur), Tirukoilur (dist Kallakurichi), Coimbatore South (dist Coimbatore), Vaippar (dist Toothukudi), Maduranthagam (dist Chengalpattu), Anna University (dist Chennai), Naduvattam (dist Nilgiris) 3 each, West Tambaram (dist chengalpattu), MRC Nagar (dist Chennai), YMCA Nandhanam (dist Chennai), Tirur ARG (dist Tiruvallur), Tiruvallur (dist Tiruvallur), K Bridge (dist Nilgiris), Tiruchengode (dist Namakkal), Parangipettai (dist Cuddalore), Dgp Office (dist

Chennai), Marungapuri (dist Trichy), Mimsal (dist Pudukkottai), Ulundurpet (dist Kallakurichi), Rayakottah (dist Krishnagiri), Sriperumbudur (dist Kancheepuram), Coimbatore Aws (dist Coimbatore), Ennore Aws (dist Tiruvallur), Vepur (dist Cuddalore), Chembarabakkam Arg (dist Tiruvallur), Taramani Arg (dist Chennai), Chembarabakkam (dist Tiruvallur), Aranmanaipudur (dist Theni), Kadalkudi (dist Toothukudi), Tambaram (dist Chengalpattu), Thenparanadu (dist Trichy), Chennai Ap (dist Chennai), Katpadi (dist Vellore), Glenmorgan (dist Nilgiris), Vellore (dist Vellore), Muthupet (dist Tiruvarur), Gudiyatham (dist Vellore), Erode (dist Erode), Periyanaickenpalayam (dist Coimbatore), Alangayam (dist Tirupattur), Ayyampettai (dist Thanjavur), Vilupuram (dist Villupuram), Thiruthuraipoondi (dist Tiruvarur), Marakkanam (dist Villupuram), Koratur (dist Tiruvallur), Odanchatram (dist Dindigul), Poonamallee (dist Tiruvallur), Mohanur (dist Namakkal), Kvk Kattukuppam Arg (dist Kancheepuram), Annur (dist Coimbatore), Tiruttani (dist Tiruvallur), Uthukottai (dist Tiruvallur), Arakonam (dist Ranipet), Chidambaram Aws (dist Cuddalore) 2 each, Chidambaram (dist Cuddalore), Manimutharu (dist Tirunelveli), Tirupathur Pto (dist Tirupattur), Kaveripakkam (dist Ranipet), Uthiramerur (dist Kancheepuram), Kurinjipadi (dist Cuddalore), Tirupattur (dist Tirupattur), Cheyyar (dist Tiruvannamalai), Upper Bhavani (dist Nilgiris), Puducherry (dist Puducherry), Sirkali (dist Mayiladuthurai), Ammundi (dist Vellore), Srimushnam (dist Cuddalore), Chengalpattu (dist Chengalpattu), Bhuvanagiri (dist Cuddalore), Mahabalipuram (dist Chengalpattu), Perunchani Dam (dist Kanyakumari), Ap Peelamedu (dist Coimbatore), Krishnarayapuram (dist Karur), Ketti (dist Nilgiris), Kancheepuram (dist Kancheepuram), Sethiathope (dist Cuddalore), Kollidam (dist Mayiladuthurai), Papanasam (dist Tirunelveli), Poondi (dist Tiruvallur), Gingee (dist Villupuram), R.k.pet (dist Tiruvallur), Walajabad (dist Kancheepuram), Mayiladuthurai (dist Mayiladuthurai), Marandahalli (dist Dharmapuri), Manalmedu (dist Mayiladuthurai), Vallam (dist Thanjavur), Manamelkudi (dist Pudukkottai), Virudachalam (dist Cuddalore), Sendurai (dist Ariyalur), Mgr Nagar (dist Chennai), Vaniyambadi (dist Tirupattur), Vedaranyam (dist Nagapattinam), Mandapam (dist Ramanathapuram), Thandampettai (dist Tiruvannamalai), Kodaikanal (dist Dindigul), Sholinganallur (dist Chennai), Thali (dist Krishnagiri), Pattukottai (dist Thanjavur), Mulanur (dist Tiruppur), Pallipattu (dist Tiruvallur), Ponneri (dist Tiruvallur), Ottapadiram (dist Toothukudi), Vandavasi (dist Tiruvannamalai), Ponnai Dam (dist Vellore), Pelandurai (dist Cuddalore), Keelpennathur (dist Tiruvannamalai), Kelambakkam (dist Chengalpattu), Tindivanam (dist Villupuram), Emeralad (dist Nilgiris), Kothagiri (dist Nilgiris), Coonoor (dist Nilgiris), Thammampatty (dist Salem), Ambathur (dist Tiruvallur), Vembakkam (dist Tiruvannamalai), Tiruttani Pto (dist Tiruvallur), Manjalaru (dist Thanjavur), Coonoor Pto (dist Nilgiris), Arcot (dist Ranipet), Kalavai Aws (dist Ranipet), Adirampatnam (dist Thanjavur), Bhavani (dist Erode), Thalavadi (dist Erode), Peravurani (dist Thanjavur), Rameswaram (dist Ramanathapuram), K.m.koil (dist Cuddalore), Polur (dist Tiruvannamalai), Thathiengrpet (dist Trichy), Kallakurichi (dist Kallakurichi), Surangudi (dist Toothukudi), Madukkur (dist Thanjavur) 1 each .

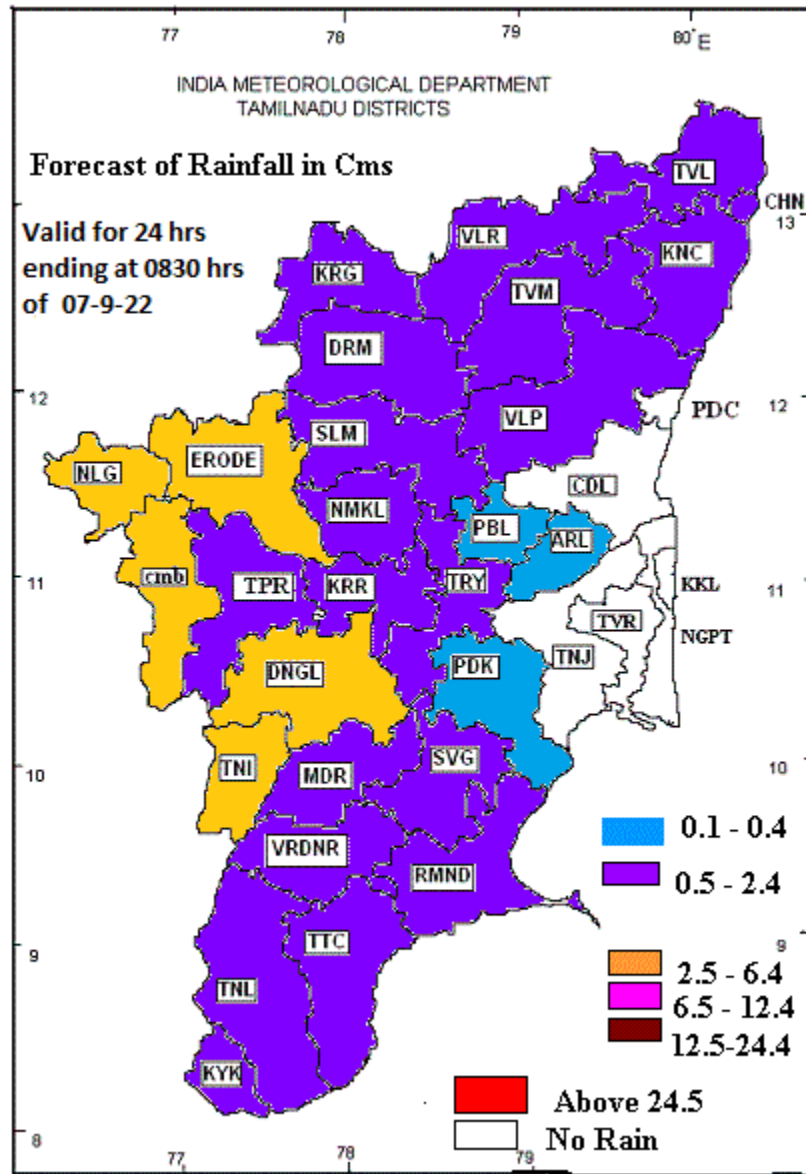
03.09.22: Vellakoil (dist Tiruppur) 7, Thenparanadu (dist Trichy), Periyakulam (dist Theni) 5 each, Thiruchuzhi (dist Virudhunagar), Nagudi (dist Pudukkottai), Sendamangalam (dist Namakkal), Aruppukottai (dist Virudhunagar) 4 each, Aravakurichi (dist Karur), Sivaganga (dist Sivaganga), Mayiladuthurai (dist Mayiladuthurai), Periyanaickenpalayam (dist Coimbatore) 3 each, Odanchatram (dist Dindigul), Ettayapuram (dist Toothukudi), Pechiparai (dist Kanyakumari), Karaikal (dist Karaikal), Tirupuvanam (dist Sivaganga), Vilathikulam (dist Toothukudi) 2 each, Chittar (dist Kanyakumari), Madukkur (dist Thanjavur), Attur (dist Salem), Vaigai Dam (dist Theni), Mulanur (dist Tiruppur), Devala (dist Nilgiris), Chinnakalar (dist Coimbatore), Palani (dist Dindigul), Thalavadi (dist Erode), Udumalpet (dist Tiruppur), Kurinjipadi (dist Cuddalore), Airport Madurai (dist Madurai), Tirumangalam (dist Madurai), Naduvattam (dist Nilgiris), Thuckalay (dist Kanyakumari), Rasipuram (dist Namakkal), Kodumudi (dist Erode), Sholayar (dist Coimbatore) 1 each.

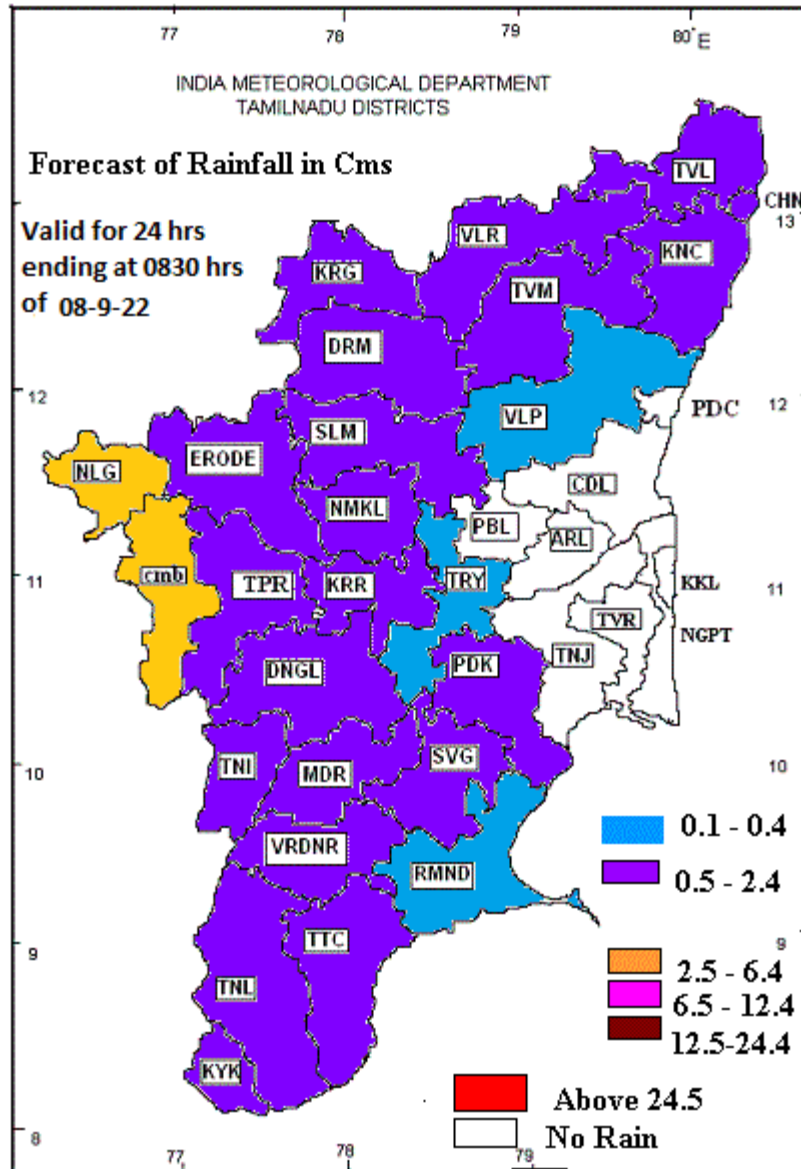
04.09.22: Uthangarai (dist Krishnagiri), Jambukuttapatti (dist Krishnagiri) 7 each, Nedungal (dist Krishnagiri), Perunchani Dam (dist Kanyakumari), Paiyur AWS (dist Krishnagiri) 6 each, Puthan Dam (dist Kanyakumari), Bhoothapandy (dist Kanyakumari), Palacode (dist Dharmapuri), Paparapatty KVK (dist Dharmapuri), Pandalur (dist Nilgiris) 5 each, Suralacode (dist Kanyakumari) 4, Ettayapuram (dist Toothukudi), Tirumangalam (dist Madurai), Pechiparai (dist Kanyakumari, Manapparai (dist Trichy), Chittar (dist Kanyakumari) , Ambasamudram (dist Tirunelveli), Sivalogam (dist Kanyakumari) 3 each, Devala (dist Nilgiris), Chinnakalar (dist Coimbatore), Kovilpatti (dist Toothukudi), Valparai PTO (dist Coimbatore), Cincona (dist Coimbatore) 2 each, Thuckalay (dist Kanyakumari), Valparai Taluk Office (dist Coimbatore), Chengam (dist Tiruvannamalai), Barur (dist Krishnagiri), Dindigul (dist Dindigul), Panchapatti (dist Karur), Veeraganoor (dist Salem), Nilakottai (dist Dindigul), Eraniel (dist Kanyakumari), Sattur (dist Virudhunagar), Kuzhithurai (dist Kanyakumari), Madavaram AWS (dist Tiruvallur), Attur (dist Salem), Mylampatti (dist Karur) 1 each.

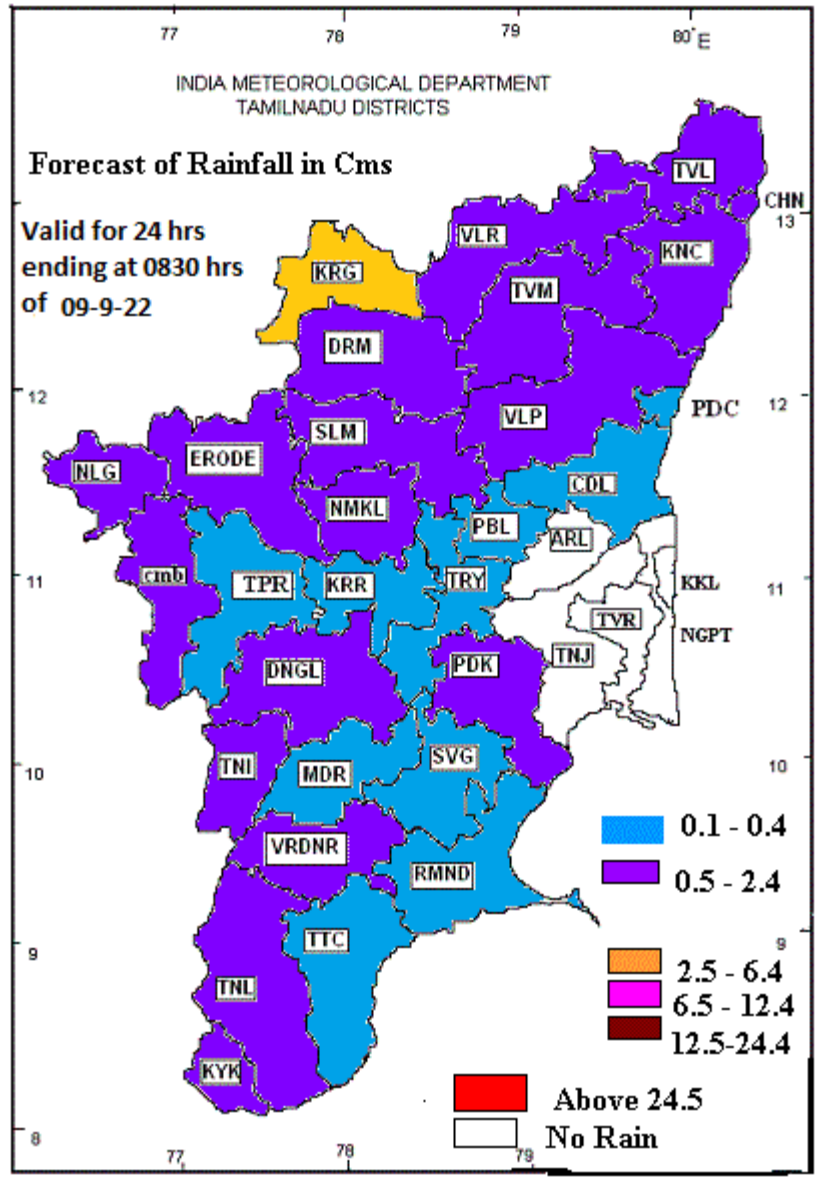
05.09.22 : Arimalam (dist Pudukkottai) 10, Vadapudupattu (dist Tirupattur), Kumarapalayam (dist Namakkal) 9 each, Trichy AP (dist Trichy), Andipatti (dist Madurai) 8 each, Tirupathur (dist Sivaganga), Pappireddipatti (dist Dharmapuri), Yercaud (dist Salem), Uthagamandalam (dist Nilgiris), Pechiparai (dist Kanyakumari), Coonoor PTO (dist Nilgiris), Tiruchengode (dist Namakkal), Vadipatti (dist Madurai), Vedasandur (dist Dindigul), Chinnakalar (dist Coimbatore) 7 each, Omalur (dist Salem), Thenparanadu (dist Trichy), Tirukattupalli (dist Thanjavur), Palacode (dist Dharmapuri), Watrap (dist Virudhunagar), Hosur (dist Krishnagiri), Trichy Town (dist Trichy), Billimalai Estate (dist Nilgiris) 6 each, Chittar (dist Kanyakumari), Tiruvaiyaru (dist Thanjavur), Hogenekal (dist Dharmapuri), Odanchatram (dist Dindigul), Thali (dist Krishnagiri), Krishnagiri (dist Krishnagiri), Salem (dist Salem), Kamatchipuram (dist Dindigul), Sankaridurg (dist Salem), Pudukkottai (dist Pudukkottai), Marandahalli (dist Dharmapuri), Ponnamaravathi (dist Pudukkottai), Thaluthalai (dist Perambalur) 5 each, Thuvakudi (dist Trichy), Perunchani Dam (dist Kanyakumari), Sethiathope (dist Cuddalore), Vallam (dist Thanjavur), Denkanikottai (dist Krishnagiri), Nedungal (dist Krishnagiri), Gobichettipalayam (dist Erode), Perundururai (dist Erode), Ponmalai (dist Trichy), Tirupuvanam (dist Sivaganga), Gudalur Bazar (dist Nilgiris), Vembakkam (dist Tiruvannamalai), Kurinjipadi (dist Cuddalore), Sholavandan (dist Madurai), Tirumayam (dist Pudukkottai), Kovilankulam (dist Virudhunagar), Cincona (dist Coimbatore), Puthan Dam (dist Kanyakumari) 4 each, Cheranmahadevi (dist Tirunelveli), Pudukhatram (dist Namakkal), Kalvai Aws (dist Ranipet), Arcot (dist Ranipet), Alangudi (dist Pudukkottai), Manalmedu (dist Mayiladuthurai), Harur (dist Dharmapuri), Vaniyambadi (dist Tirupattur), Dindigul (dist Dindigul), Perambalur (dist Perambalur), Bhavanisagar (dist Erode), Bhavani (dist Erode), Rasipuram (dist Namakkal), Gandarvakottai (dist Pudukkottai), Aruppukottai (dist Virudhunagar), Ayyampettai (dist Thanjavur), Airport Madurai (dist Madurai), Peraiyur (dist Madurai), Dharmapuri Pto (dist Dharmapuri), Tirumangalam (dist Madurai), Pilavakkal (dist Virudhunagar), Gingee (dist Villupuram), Thuraiyur (dist Trichy), Nilakottai (dist Dindigul), Kaveripakkam (dist Ranipet), Srivilliputhur (dist Virudhunagar), Kothagiri (dist Nilgiris), Kodumudi (dist Erode), Padalur (dist Perambalur), Keelpennathur (dist Tiruvannamalai), Vamban KVK (dist Pudukkottai), Sandhiyur KVK (dist Salem) 3 each, Chettikulam (dist Perambalur), Thalavadi (dist Erode), Virudhunagar (dist Virudhunagar), Valangaiman (dist Tiruvarur), Wallajah (dist Ranipet), Periyanaickenpalayam (dist Coimbatore), Dharamapuri (dist Dharmapuri), Usilampatti (dist Madurai), Sivaganga (dist Sivaganga), Danishpet (dist Salem), Grand Anaicut (dist Thanjavur), Annavasal (dist Pudukkottai), Vandavasi (dist Tiruvannamalai), Thanjai Papanasam (dist Thanjavur), Ambur (dist Tirupattur), Suralacode (dist Kanyakumari), Avinasi (dist Tiruppur), Pennagaram (dist Dharmapuri), Kodavasal (dist Tiruvarur), Kariyapatti (dist Virudhunagar), Arani (dist Tiruvannamalai), Valparai Taluk Office (dist Coimbatore), Ponnai Dam (dist Vellore), Pulipatti (dist Madurai), Sivakasi (dist Virudhunagar), Ketti (dist Nilgiris),

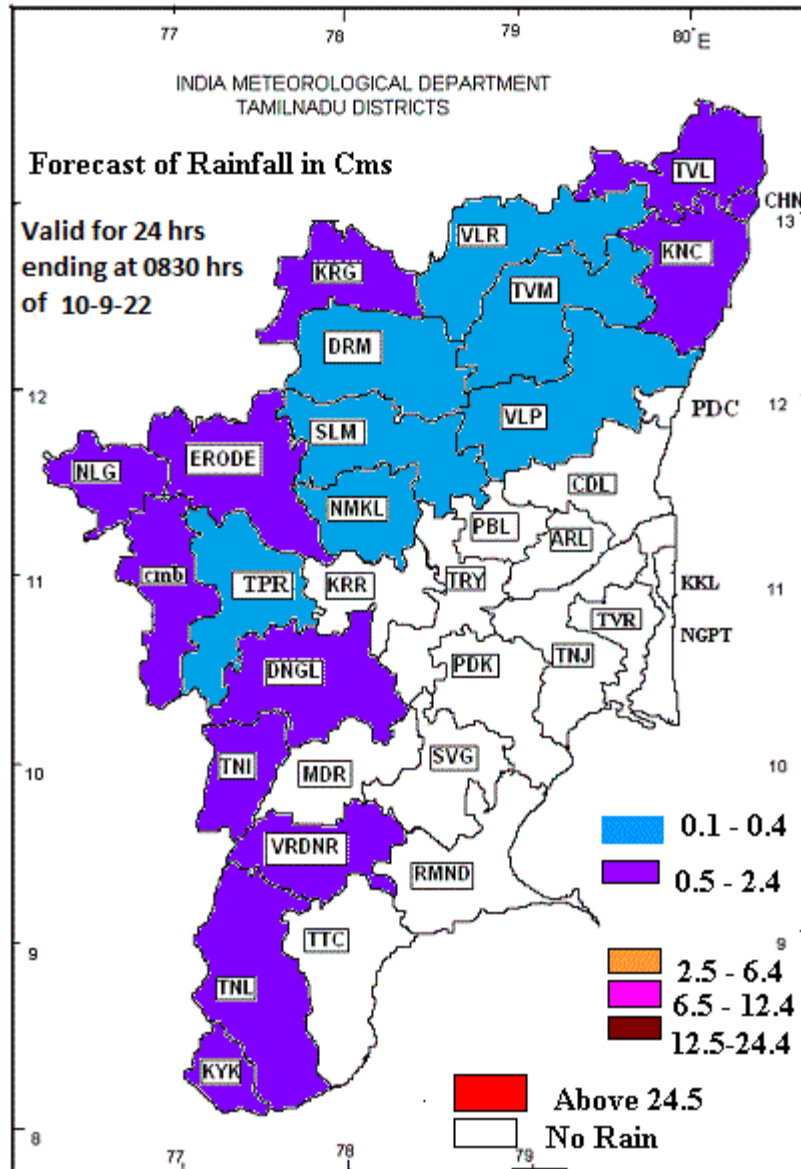
Keeranur (dist Pudukkottai), Valparai Pto (dist Coimbatore), Paparapatty KVK (dist Dharmapuri) 2 each, Natrampalli (dist Tirupattur), Naduvattam (dist Nilgiris), Bhuvanagiri (dist Cuddalore), Avalanche (dist Nilgiris), Erode (dist Erode), Glenmorgan (dist Nilgiris), K Bridge (dist Nilgiris), Edapadi (dist Salem), Budalur (dist Thanjavur), Cheyyar (dist Tiruvannamalai), Kallikudi (dist Madurai), Paiyur Aws (dist Krishnagiri), Palavidithi (dist Karur), Tiruvannamalai (dist Tiruvannamalai), Kodaikanal (dist Dindigul), Chidambaram (dist Cuddalore), Annur (dist Coimbatore), Pullambadi (dist Trichy), Mangalapuram (dist Namakkal), Sathyamangalam (dist Erode), Aravakurichi (dist Karur), Perungalur (dist Pudukkottai), Mettupalayam (dist Coimbatore), Tallakulam (dist Madurai), Sholayar (dist Coimbatore), Emeralad (dist Nilgiris), Thiruvidaimaruthur (dist Thanjavur), Chittampatti (dist Madurai), Melur (dist Madurai), Rayakottah (dist Krishnagiri), Dharapuram (dist Tiruppur), Madurai South (dist Madurai), Polur (dist Tiruvannamalai), Virinjipuram Aws (dist Vellore), Ilayangudi (dist Sivaganga), Mayiladuthurai (dist Mayiladuthurai), Thekkadi (dist Theni), Periyar (dist Theni), Andipatti (dist Theni), Periyakulam (dist Theni), Thathiengrpet (dist Trichy), Tindivanam (dist Villupuram), Rajapalayam (dist Virudhunagar) 1 each.

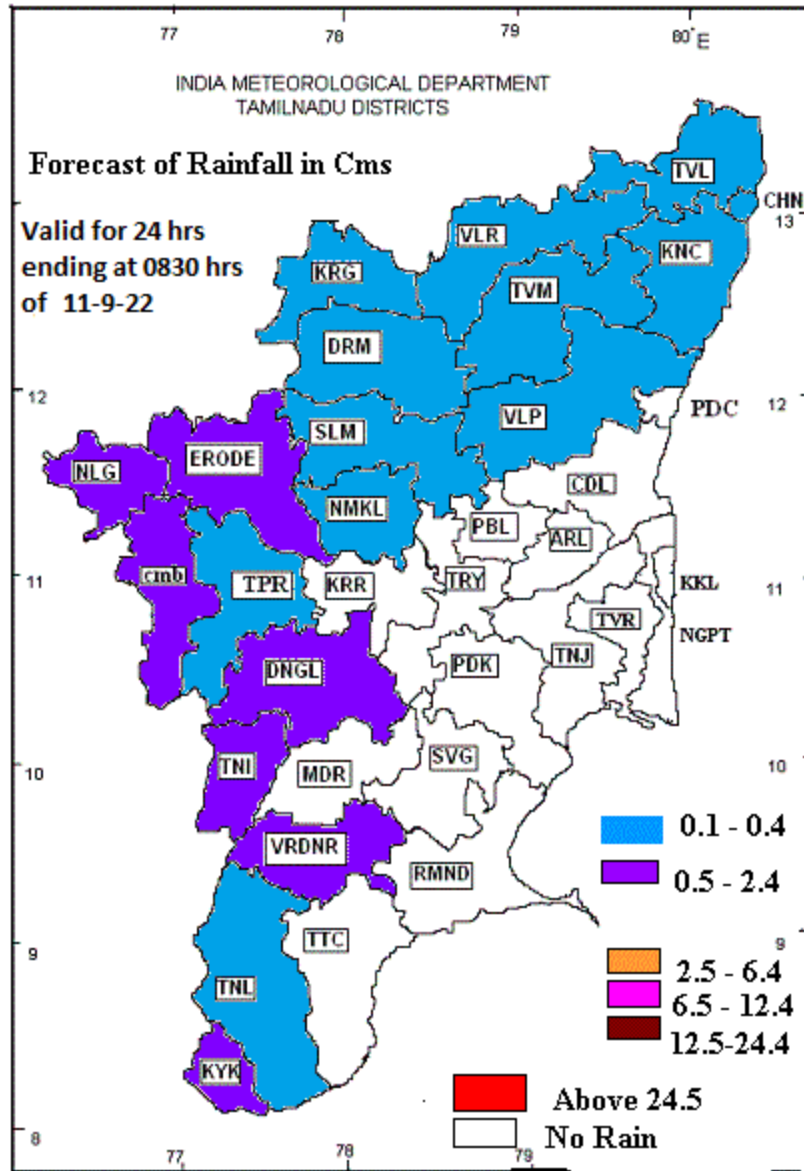
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 06.09.2022
VALID FOR THE NEXT 5 DAYS**











Districtwise Agromet Advisories

Chennai

SMS Advisory:

(07.09.2022-08.09.2022) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur, Vellore, and Ranipet districts of 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.The livestock must be provided with clean wholesome drinking water all round the clock.
- 5.To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
- 6.To prevent water stagnation proper drainage must be provided in livestock shelter
- 7.The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)
- 8.Add 5%shell grit in laying hens for optimum egg production
- 9.Plantation of trees around the livestock shed not only enhances ventilation but also prevent heat stress particularly dairy cattle.

Villupuram

SMS Advisory:

(07.09.2022-08.09.2022) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur, Vellore, and Ranipet districts of 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.The livestock must be provided with clean wholesome drinking water all round the clock.
- 5.To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
- 6.To prevent water stagnation proper drainage must be provided in livestock shelter
- 7.The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)
- 8.Add 5%shell grit in laying hens for optimum egg production
- 9.Plantation of trees around the livestock shed not only enhances ventilation but also prevent heat stress particularly dairy cattle.

Agricultural advisory Rice:

Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l. Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l).

Groundnut:

Due to prevailing weather condition there are chances of groundnut tikka leaf spot and rust infection. To control spray chlorothalonil 2.0 g/l or mancozeb 2.5 g/l.

Due to prevailing weather condition there are chances of groundnut tobacco caterpillar infestation. To control spray methomyl 40 SP 750 ml/ha

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

Tapioca:

Prevailing weather condition is favorable 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.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 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.

Thiruvannamalai

SMS Advisory:

(07.09.2022-08.09.2022) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur, Vellore, and Ranipet districts of 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.The livestock must be provided with clean wholesome drinking water all round the clock.
- 5.To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
- 6.To prevent water stagnation proper drainage must be provided in livestock shelter
- 7.The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)
- 8.Add 5%shell grit in laying hens for optimum egg production
- 9.Plantation of trees around the livestock shed not only enhances ventilation but also prevent heat stress particularly dairy cattle.

Agricultural advisory

Rice:

Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpone irrigation.

Groundnut:

Provide drainage for groundnut crop. To avoid fertilizer application, insecticides or pesticides spray.

Black gram:

Provide drainage for black gram crop. To avoid fertilizer application, insecticides or pesticides spray and weeding.

Maize:

Provide drainage for maize crop. To avoid fertilizer application, insecticides or pesticides spray.

Brinjal:

Since rain is anticipated, provide drainage for brinjal field. To avoid irrigation.

Tomato:

Provide drainage for tomato field. To avoid irrigation.

Thiruvallur

From extended range forecast Below normal rainfall, normal maximum temperature and minimum temperature expected for the period of 11.09.2022 to 17.09.2022 over Tamil Nadu. Light to moderate rainfall may be expected for forthcoming days, So farmers are advised to provide proper drainage facilities to crop.

Crop(Varieties)	Crop Specific Advisory
RICE	Rice- Transplanting and Tillering stage-1. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g. (Or) ; 2.Whorl maggots- Spray Cartap hydrochloride 4% G 7.5-10 kg (or) Spray Fipronil 5% SC 400-600 g per acre in 200 litres of water; 3. Alage growth of paddy field- apply 2 kg of copper sulfate mix with sand.
SUGARCANE	Mealy bug- Application of imidachloprid 17.8 SL 3 ml in 10 litres of water.
GROUNDNUT	Groundnut-leaf miner-Quinalphos 25 EC 400 ml per acre in 200 litres of water and Set up light trap between 8 to 11 pm at ground level.
JASMINE	Blossom midge- Spray Chlorantraniliprole 18.5 SC @ 0.5 ml/lit (or) Spray Novaluron 10 EC 3ml/lit.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Fruit borer- Spray Neem Seed Kernel Extract 5 % (or) Spray Dimethoate 30 % EC 7.0 ml/10 l. and Encourage the activity of larval parasitoids: Pristomerus testaceus, Cremastus flavoorbitalis.

Vellore

General Advisory:

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may receive below normal rainfall and normal temperature for the period of 11.09.2022 to 17.09.2022. Light to moderate rainfall may be expected on forthcoming days. So, farmers are advised to avoid fertilizer application, insecticides or pesticides spray during rainy days.

SMS Advisory:Light to moderate rainfall may be expected on forthcoming days. Hence, farmers are advised to provide adequate drainage for crops.

Crop(Varieties)	Crop Specific Advisory
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RICE	Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpone irrigation.
GROUNDNUT	Provide drainage for groundnut crop. To avoid fertilizer application, insecticides or pesticides spray.

Cuddalore

General Advisory: From extended range forecast below normal rainfall, maximum temperature and minimum temperature expected for the period of 11.09.2022 to 17.09.2022 over Tamil Nadu.

SMS Advisory: Farmers are advised to irrigate the crop based on the soil moisture.

Crop(Varieties)	Crop Specific Advisory
RICE	1. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l. 2. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning evening hours.
SUGARCANE	1. Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l. 2. Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or flubendiamide 39.35 SC (2 ml/l).

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall with wind speed of 8 -16 km per hour is expected in western zone during next five days. Hence, postpone the irrigation and provide adequate support to tall crops. By utilizing the rainfall, land preparation may be initiated in rainfed black soil towards pre monsoon sowing.
Rice	Vegetative and Flowering	Kuruvai rice crop at flowering stage may be top dressed with 30 kg urea and 10 kg murate of potash per acre. Do not drain water in top dressed plot. Considering the receipt of rainfall nursery preparation may be done for Samba rice. Since rainfall is anticipated, provide drainage to Kar rice which is at milky to maturity stage.
Cotton	Sowing	By utilizing the soil moisture, Thinning of irrigated winter combodia cotton and maize is advised to maintain population.
Sugarcane		Provide propping for early season and midseason planted canes against lodging due to rainfall with heavy wind anticipated.
Banana		Expected Wind speed is more than 16 km per hour along with rainfall, hence five months old banana may be supported against lodging. Avoid irrigation. Utilizing the rainfall, the Banana crop harvested for "Onam" may be cut at bottom and chapped for decomposing as manure.

Turmeric		Due to rain and high relative humidity, rhizome rot would initiate infection in turmeric. Drench with Bordeaux mixture 1% or Copper oxy chloride 0.25%.
Animal		Farmers are advised not to allow their animals to graze near pond or lake areas to avoid fluke infestation. Season is more favourable foot and mouth disease in animals. Farmers are advised to do Vaccination to the animals in nearby Veterinary hospitals. Due to high humidity both in the morning and evening favours aflatoxin in feed and fodder. Take enough caution to feed toxin materials.

SMS advisory

Utilizing the rainfall, the Banana crop harvested for “Onam” may be cut at bottom and chapped for decomposing as manure.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall with wind speed of 8 - 16 km per hour is expected in western zone during next five days. Hence, postpone the irrigation and provide adequate support to tall crops. By utilizing the rainfall, land preparation may be initiated in rainfed black soil towards pre monsoon sowing.
Rice	Vegetative and Flowering	Kuruvai rice crop at flowering stage may be top dressed with 30 kg urea and 10 kg murate of potash per acre. Do not drain water in top dressed plot. Considering the receipt of rainfall nursery preparation may be done for Samba rice. Since rainfall is anticipated, provide drainage to Kar rice which is at milky to maturity stage.
Cotton	Sowing	By utilizing the soil moisture, Thinning of irrigated winter combodia cotton and maize is advised to maintain population.
Sugarcane		Provide propping for early season and midseason planted canes against lodging due to rainfall with heavy wind anticipated.
Banana		Expected Wind speed is more than 8-16 km per hour along with rainfall, hence five months old banana may be supported against lodging. Avoid irrigation. Utilizing the rainfall, the Banana crop harvested for “Onam” may be cut at bottom and chapped for decomposing as manure.
Turmeric		Due to rain and high relative humidity, rhizome rot would initiate infection in turmeric. Drench with Bordeaux mixture 1% or Copper oxy chloride 0.25%.
Animal		Farmers are advised not to allow their animals to graze near pond or lake areas to avoid fluke infestation. Season is more favourable foot and mouth disease in animals. Farmers are advised to do Vaccination to the animals in nearby Veterinary hospitals.

		Due to high humidity both in the morning and evening favours aflatoxin in feed and fodder. Take enough caution to feed toxin materials.
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SMS advisory

Utilizing the rainfall, the Banana crop harvested for “Onam” may be cut at bottom and chapped for decomposing as manure.

Tiruppur

Agro advisory

Crop	Stage	Advisory
General		Light to moderate rainfall with wind speed of 8 - 16 km per hour is expected in western zone during next five days. Hence, postpone the irrigation and provide adequate support to tall crops. By utilizing the rainfall, land preparation may be initiated in rainfed black soil towards pre monsoon sowing.
Cotton	Sowing	By utilizing the soil moisture, Thinning of irrigated winter combodia cotton and maize is advised to maintain population.
Sugarcane		Provide propping for early season and midseason planted canes against lodging due to rainfall with heavy wind anticipated.
Banana		Expected Wind speed is more than 8-16 km per hour along with rainfall, hence five months old banana may be supported against lodging. Avoid irrigation. Utilizing the rainfall, the Banana crop harvested for “Onam” may be cut at bottom and chapped for decomposing as manure.
Animal		Farmers are advised not to allow their animals to graze near pond or lake areas to avoid fluke infestation. Season is more favourable foot and mouth disease in animals. Farmers are advised to do Vaccination to the animals in nearby Veterinary hospitals. Due to high humidity both in the morning and evening favours aflatoxin in feed and fodder. Take enough caution to feed toxin materials.

SMS advisory

Utilizing the rainfall, the Banana crop harvested for “Onam” may be cut at bottom and chapped for decomposing as manure.

Nilgiris

Moderate rainfall is expected during next five days. Hence irrigation may be avoided to the standing crops under open field conditions. Using the expected rainfall, planting of Ooty-1 variety rosemary, thyme may be done.

Crop(Varieties)	Crop Specific Advisory
CARROT	Present weather condition is favourable for the infestation of aphids and other sucking pest in carrot crop. Aphids can be controlled by spraying of neem oil 2% and by planting of non- host plant viz., radish as physical barrier around the carrot fields.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

Agro Advisory

Crop	Stage	Advisory
Rice		Light irrigation can be given in the evening hours to rice nursery (within 2 days after sowing) to avoid the displacement of paddy seeds.
		For rice nursery, applications of 2 kg DAP/cent is recommended. In rice nursery, spray Azadiractin 0.03% (3 ml/litre of water) with sticking agent Khadi Gopura Bar Soap @ 3g/litre to prevent thrips infection on 10 days after sowing.
General		Farmers can utilize the mobile apps viz., (TNAU AAS, Meghdoot and DAMINI), for more updated weather information
Cattle	Cow	This situation is favorable for the development of Aflatoxin infection in the Corn kernels and Paddy Straw, which may affect the health of the cattle. To save them from infection, dry the Corn kernels and Paddy Straw before feeding.

SMS advisory

Light irrigation can be given in the evening hours to samba nursery (within 2 days after sowing) to avoid the displacement of paddy seeds.

Tiruchirapalli

Tamilnadu's average rainfall is likely to be decrease normal during this week (07.09.2022 to 13.09.2022) From 4.86 mm to 5.04 mm. As rain is expected in the coming days, it is advised to provide adequate drainage in the fields.

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Exposure of calves and kids to rain should be avoided to prevent from pneumonia attack in view of expected high rain.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	To know the precaution of thunder and lightning, download DAMINI app and use it wisely.
GENERAL ADVICE	As rains are expected in the coming days, it is advised to harvest and protect the agricultural and horticultural crops that are in harvesting stage.
GENERAL ADVICE	Light to moderate rainfall will be expected in the forthcoming days so, avoid and don't spray any chemicals to crop and better to spray chemicals at the time of no rain.
GENERAL ADVICE	To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.
GENERAL	This is a season for vegetable sowing, hence the farmers are advised to treat the vegetable seeds with Bacillus subtilis @ 4 g / kg of seed before sowing to avoid rot in

ADVICE	seedlings.
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Dindigul

Heavy Rainfall Warning: Heavy to Very Heavy rain on 7 Sep & Heavy rain is likely to occur at isolated places over the district on 8, 9 Sep 2022. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter. Chances of Moderate rain during the next four days & light rain on 10 Sep. Max temp-32°C-34°C & Min temp -21°C-23°C. Generally cloudy sky for next 5 days. Wind speed 12 kmph from SW & W direction.

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	The application of Gypsum is important for the Groundnut crop. Apply gypsum @ 400 kg/ha by the side of the plants on the 40th to 45th day of sowing for irrigated crops and on the 40th to 75th day of sowing for rain-fed crops. Apply gypsum, hoe and incorporate in the soil and then earth up. Gypsum is effective in soils deficient in calcium and sulphur. Plant protection activities can be done, only on non-rainy days.
Horticulture(Varieties)	Horticulture Specific Advisory
DOLICHOS BEAN / FIELD BEAN	The chances of incidence of Leaf hopper in LabLab crop. The symptoms are, leaves mottle and yellowish in colour, Green colour insects found in the under surface of leaves. Spray the infested crop with E1mamectin @ 1gm per litre of water. Plant protection activities can be done, only on non-rainy days.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Despite the fact that green fodder is abundantly available during the rainy season and also there are more chances for consumption of green fodder by cattle. This is due to the fact that an increase in consumption of green fodder can lead to the occurrence of green diarrhoea and a problem of Acidosis. Ensure that the fodder given to animals is mixed with larger quantities of dry fodder at this time.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Extended range Forecast for next week (09th – 15th Sep 2022): Rainfall: As per extended range predictions, there is possibility of below normal rainfall likely over the district during 09 to 15 Sep 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 26°C to 30°C over the plains of the district during next week. 09 to 15 Sep 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 20°C to 24°C over the district during next week 09 to 15 Sep 2022.

GENERAL ADVICE	It has been raining in a few places of the district and is expected to continue in the coming days. Hence farmers, not yet started the preparatory work, can start the ploughing (or) sowing work.
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Madurai

Heavy Rainfall Warning: Heavy rain is likely to occur at isolated places over the district on 7 Sep 2022. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter. Chances of Moderate rain on 7, 8 Sep & light rain on 9 Sep. Max temp-33°C-35°C & Min temp -23°C-25°C. Generally cloudy sky for next 5 days. Wind speed 6 kmph from SW direction.

Crop(Varieties)	Crop Specific Advisory
RICE	The incense of Bacterial Leaf Blight may be noticed in the paddy during the 3rd-4th week of planting. The symptoms are seedling wilt. Lesions turn yellow to white as the disease advances. To avoid this, treat the seeds with the bio-input Pseudomonas mixed with rice gruel. And spray any one of the following, (starting from the initial appearance of the disease and another one at a fortnight interval) fresh cow dung extract @ 20% twice (or) Neem oil 60 EC @ 3% (or) NSKE @ 5% to control the sheath rot, sheath blight, grain discolouration and bacterial blight. Plant protection activities can be done, only on non- rainy days.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	The incense 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.
COW	Despite the fact that green fodder is abundantly available during the rainy season and also there are more chances for consumption of green fodder by cattle. This is due to the fact that an increase in consumption of green fodder can lead to the occurrence of green diarrhoea and a problem of Acidosis. Ensure that the fodder given to animals is mixed with larger quantities of dry fodder at this time.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory

GENERAL ADVICE	Extended range Forecast for next week (09th – 15th Sep 2022): Rainfall: As per extended range predictions, there is possibility of below normal rainfall likely over the district during 09 to 15 Sep 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 26°C to 30°C over the plains of the district during next week. 09 to 15 Sep 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 20°C to 24°C over the district during next week 09 to 15 Sep 2022.
GENERAL ADVICE	It has been raining in a few places of the district and is expected to continue in the coming days. Hence farmers, not yet started the preparatory work, can start the ploughing (or) sowing work.

Pudukottai

Extended Range Forecast For Tamil Nadu 06 .09.2021 to 12.09.2021. During the Week from 06 th to 12 th September Below Normal Rainfall . maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu. Due to the impact of external parasites on livestock due to climate change, it can be cleaned with a controlled soaked mint mixture or cybermethrin 1% to remove the parasite.

Crop(Varieties)	Crop Specific Advisory
RICE	In direct sown rice field apply pendimethalin 1 lit /acre or pretilachlor + safener (sofit) 500ml/acre on 3-4 days after sowing to control weeds. The Kuruvai season is the optimal time to harvest paddy in dry weather is expected in the next five days. harvested paddy grains should be stored in a dry places.
TOMATO	Due to continuous rain in some areas Damping off disease is observed in young tomato plants. To control above disease drenching with copper oxychloride at 2.5 g/ litre of water is recommended. Due to continuous rain in some areas Damping off disease is observed in young tomato plants. To control above disease drenching with copper oxychloride at 2.5 lit is recommended.
MANGO	This is the perfect time to plant a mango tree . Once a year in September, close branches should be pruned and only healthy branches should be grown so that the sunlight and air are available to the inner branches. The tree grows well and blooms.
BANANA	To increase the soil fertility, conserve the soil moisture and control the weeds, farmers are requested to sow cowpea @ 8 kg / acre in between the rows of banana plant.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Gastro – intestinal nematode infection is very common in sheep and goats during monsoon due to presence of large number of infective larvae in the pasture land. Hence sheep and goats may be dewormed after being screened their faecal samples for G.I nematodes.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	To protect the desi birds from coccidiosis during south Northeast monsoon monsoon in deep litter system of rearing, litter should be kept dry and hygienic.

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	To improve the soil fertility as well as to increase the yield of crops farmers are requested to sow sunhemp or daincha or multigrains @ 20 kg / acre and incorporate the same with 30 – 45 days after sowing.

Ramanathapuram

Apply micro-nutrient 5kg/ac to the soil before paddy sowing for better growth and development. From extended range forecast, normal rainfall, Below Normal maximum temperature and Minimum temperature expected for the period of September 11 to September 17 over Tamil Nadu.

Crop(Varieties)	Crop Specific Advisory
RICE	Farmers are advised to sown drought tolerant rice varieties like Anna 4, Co 51, ADT45 and CO 53
RICE	On the day of sowing, hardening the seeds with 1% KCl for 6 hours and 16 hours of shade dried the seeds to bring the storable moisture and Early and uniform establishment and growth.

Sivagangai

Heavy Rainfall Warning: Heavy rain is likely to occur at isolated places over the district on 7 Sep 2022. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter. Chances of Moderate rain on 7 Sep & light rain on 8, 9 Sep. Max temp-34°C-35°C & Min temp -27°C. Generally cloudy sky for next 5 days. Wind speed 14 kmph from SW direction.

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	The incense of Rhizome weevil was noticed in the Banana. It grubs bore into the rhizome and cause the death of the plant. The presence of dark-coloured tunnels is seen in the rhizomes. Death of unopened pipe, and withering of outer leaves are the other symptoms. Apply castor cake 250g per pit before planting which prevents infestation. Soil incorporation at the time of planting with 60-100g of Neem kernel powder or Neem cake. Plant protection activities can be done, only on non-rainy days.
MANGO	The chances of incenses of Grey Blight is expected in Mango. The symptom of damages appears on leaf lamina, leaf margin with brown spot developments. It become dark brown and black dots appears on the spots. Heavy infection is noticed during the high humidity. Remove and destroy infected plant parts. To control, spray Copper oxychloride @ 250gm + Azoxystrobin @ 25ml with Sticky

	agent @ 10ml per 10 litres of water. Plant protection activities can be done, only on non-rainy days.
COW	Despite the fact that green fodder is abundantly available during the rainy season and also there are more chances for consumption of green fodder by cattle. This is due to the fact that an increase in consumption of green fodder can lead to the occurrence of green diarrhoea and a problem of Acidosis. Ensure that the fodder given to animals is mixed with larger quantities of dry fodder at this time.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Extended range Forecast for next week (09th – 15th Sep 2022): Rainfall: As per extended range predictions, there is possibility of below normal rainfall likely over the district during 09 to 15 Sep 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 26°C to 30°C over the plains of the district during next week. 09 to 15 Sep 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 20°C to 24°C over the district during next week 09 to 15 Sep 2022.
GENERAL ADVICE	It has been raining in a few places of the district and is expected to continue in the coming days. Hence farmers, not yet started the preparatory work, can start the ploughing (or) sowing work.

Theni

Heavy Rainfall Warning: Heavy to Very Heavy rain on 7 Sep & Heavy rain is likely to occur at isolated places over the district on 8, 9 Sep 2022. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, inter-cultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter. Chances of light to Moderate rain during the next five days. Max temp-29°C-32°C & Min temp -21°C-22°C. Generally cloudy sky for next 5 days. Wind speed 12 kmph from W direction.

Crop(Varieties)	Crop Specific Advisory
MAIZE	The application of micronutrients will rectify the nutrient deficiency in Maize Cultivation. Farmers who have planted maize recently can apply 5kg of Millet nutrient mixture or 10Kg of ZnSo4 /acre. Also, apply Farm Yard Manure along with 2kgs of Azosphirillum and 2kgs of Phosphobacteria per acre. Plant protection activities can be done, only on non-rainy days.

COTTON	Using the moisture condition of the soil due to the recent rainfall, farmers are advised to apply micronutrients to rectify the nutrient deficiency in Cotton. 10 Days after sowing, apply 5kg of Cotton nutrient mixture or 10Kg of MgSo4/acre. Also, mix Azospirillum @ 2kg/acre and Phosphobacteria @ 2kg/acre and apply it along with farm yard manure to get a good yield. Plant protection activities can be done, only on non-rainy days.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Extended range Forecast for next week (09th – 15th Sep 2022): Rainfall: As per extended range predictions, there is possibility of below normal rainfall likely over the district during 09 to 15 Sep 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 26°C to 30°C over the plains of the district during next week. 09 to 15 Sep 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 20°C to 24°C over the district during next week 09 to 15 Sep 2022.
GENERAL ADVICE	It has been raining in a few places of the district and is expected to continue in the coming days. Hence farmers, not yet started the preparatory work, can start the ploughing (or) sowing work.

Salem

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Crops	General	Since rainfall is expected in the forthcoming days utilize the available soil moisture for land preparation and sowing of seeds.
		Irrigate the crop as per requirement and use mulching to reduce evaporation, enhance water holding capacity and soil health.
Bhendi/orkra/ brinjal:	Vegetative stage	Higher humidity and rainfall may favour incidence of red spider mite, to manage spray wettable sulphur 80 wg at 40g per acre or propargite 57 ec at 400 ml per acre
Coconut	General	In coconut, to control the Rhinoceros beetle, the topmost three leaf axils around the spindle filled with Naphthalene balls three to four balls covered with fine sand, once in 45 days. Soak castor cake at 1 kg in 5 liter of water in small mud pots and keep them in the coconut gardens to attract and kill the adults
Tapioca	Vegetative stage	Identify the mealy bug species in Tapioca and release the parasitoids accordingly.
Cow	Adult	Prevailing climate is conducive for mastitis infection in milch animals. Hence, clean the udder with 1% KMnO4

		before and after milking
Livestock	Sheep and Goat	Don't allow sheep and goat to graze near local water bodies duly this season to avoid internal parasitic infestation. Farmers are advised to not allow the animals graze on fresh pasture.
Soil testing:		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. • Soil testing is being done at KrishiVigyanKendra,Sandhiyur (Salem).

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	Oxalate poisoning in livestock Oxalates are found in paddy straw and green fodders such as bajra-napier grass, super napier, bajra, kolukatai, guinea grass and millets. In general, young plants contain more oxalate than older plants. The oxalate content is highest in leaf tissue, followed by stem tissue particularly in dwarf varieties. Besides, the oxalate levels decline as the harvest interval increases. Among different harvest seasons, oxalate accumulation was more during summer and monsoon seasons. Presence of more than 2.0% soluble oxalate in feeds may lead to oxalate poisoning in ruminants whereas more than 0.5% soluble oxalate may be toxic to monogastric animals such as horses, rabbits etc. When the animals consume more oxalates for longer period, it may lead to calcium deficiency and formation of urinary calculi. Hence, the farmers are advised to avoid application of excess urea and farm yard manure to the forage crops during this cloudy monsoon season. The leaves should not be dark green in colour. Besides, the application of potash should be kept to minimum. The cultivated fodders like bajra-napier and super napier grasses should be harvested at 45 days interval and feeding of young growing grass may be avoided.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Tapioca and Maize	Vegetative stage	Due to continuous rain, yellowing of leaves occurred in Tapioca and Maize crop. Hence, farmers are advised to do foliar spray of micronutrient tapioca special @ 5 ml / litre of water and Maize maxim @ 3 kg / 200 litre of water during morning or evening time to rectify the symptoms.
Green gram	Vegetative stage	Farmers are advised to take up sowing of green gram with available moisture on receipt of rainfall and also advised to do seed treatment with Bacillus subtilis @ 10 gram / kg of seed to control root rot disease

		in early vegetative stage of the crop.
Crops	General	It is expected to receive rainfall in the forth coming days. Hence, farmers are advised to form bund around the field which facilitates percolation of rain water in to the ground and also to prevent for wastage of rain water.
Coconut	General	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.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Crop/ Ecosystem	Stage / Activities	Advisories
Groundnut	Flowering stage	Groundnut Flowering stage, This is right time for spraying of TNAU ground nut rich 2 Kg/acre in 200 liters of water for the groundnut crops which is in flowering stage and apply gypsum 400 kg/ha at 45th day after sowing.
Chilli		Chilli thrips: Symptoms of damage: The infested leaves develop crinkles and curl upwards, Elongated petiole, Buds become brittle and drop down, Early stage, infestation leads to stunted growth and flower production, fruit set are arrested Identification of pest Management: Inter crop with agathi to provide shade which regulate the thrips population, Do not grow chilli after sorghum, Do not follow chilli and onion mixed crop, Sprinkle water over the seedlings to check the multiplication of thrips, Treat seeds with imidacloprid 70% WS @ 12 g/kg of seed, Apply carbofuran 3% G @ 33 kg/ha or phorate 10 % G @ 10 kg/ha or, Spray any one of the following insecticide Imidacloprid 17.8 % SL @ 3.0 ml/10 lit. or Dimethoate 30 % EC @ 1.0 ml/lit. or Fipronil 5 % SC @ 1.5 ml/lit.
Tomato		Leaf curl: Tomato leaf curl virus (ToLCV) The new growth of plants with tomato yellow leaf curl has reduced internodes, giving the plant a stunted appearance, The new leaves are also greatly reduced in size and wrinkled, are yellowed between the veins, and have margins that curl upward, giving them a cup-like appearance, Flowers may appear but usually will drop before fruit is set control measures Keep yellow sticky traps @ 12/ha to monitor the white fly. Raise barrier crops-cereals around the field. Removal of weed host. Protected nursery in net house or green house. Spray Imidachloprid 0.05 % or Dimethoate 0.05% @ 15, 25, 45 days after transplanting to control vector.
Jasmine		Bud worm incide Bud worm incidence in jasmine Infested flowers turn pale red in colour and they fall off from the plant. One larva attacks 2-3 buds in its life span, to control measures spray Thiochloprid 240SC @ 1 m.l /liter is

		advised. nce in jasmine Infested flowers turn pale red in colour and they fall off from the plant. One larva attacks 2-3 buds in its life span, to control measures spray Thiochlorid 240SC @1 m.l /liter is advised.
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Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	Oxalate poisoning in livestock Oxalates are found in paddy straw and green fodders such as bajra-napier grass, super napier, bajra, kolukatai, guinea grass and millets. In general, young plants contain more oxalate than older plants. The oxalate content is highest in leaf tissue, followed by stem tissue particularly in dwarf varieties. Besides, the oxalate levels decline as the harvest interval increases. Among different harvest seasons, oxalate accumulation was more during summer and monsoon seasons. Presence of more than 2.0% soluble oxalate in feeds may lead to oxalate poisoning in ruminants whereas more than 0.5% soluble oxalate may be toxic to monogastric animals such as horses, rabbits etc. When the animals consume more oxalates for longer period, it may lead to calcium deficiency and formation of urinary calculi. Hence, the farmers are advised to avoid application of excess urea and farm yard manure to the forage crops during this cloudy monsoon season. The leaves should not be dark green in colour. Besides, the application of potash should be kept to minimum. The cultivated fodders like bajra-napier and super napier grasses should be harvested at 45 days interval and feeding of young growing grass may be avoided.
Agro advisory from Krishi Vigyan Kendra		
Tapioca and Maize	Vegetative stage	Due to continuous rain, yellowing of leaves occurred in Tapioca and Maize crop. Hence, farmers are advised to do foliar spray of micronutrient tapioca special @ 5 ml / litre of water and Maize maxim @ 3 kg / 200 litre of water during morning or evening time to rectify the symptoms.
Green gram	Vegetative stage	Farmers are advised to take up sowing of green gram with available moisture on receipt of rainfall and also advised to do seed treatment with Bacillus subtilis @ 10 gram / kg of seed to control root rot disease in early vegetative stage of the crop.
Crops	General	It is expected to receive rainfall in the forth coming days. Hence, farmers are advised to form bund around the field which facilitates percolation of rain water in to the ground and also to prevent for wastage of rain water.
Coconut	General	Coconut rugose spiraling whitefly incidence was noticed all over the 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.
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Karaikal

General Advisory:

Crop	Stage	Advisory
Thunderstorm and lightening warning		Thunderstorm with lightning is likely to occur at isolated places from 07th to 09th September. Farmers are advised to keep their animals inside the cattle shed and avoid animals congregating under isolated tree or near trees, tractor, farm machinery and other equipment made of metals. Ensure that your animals are safe from the dangers of lightning strikes.
Rice	Field preparation	Farmers are advised to take up land preparation work for sowing samba paddy crops, utilizing showers received in the past few days. Level the field to have uniform crop stand and provide shallow trenches (15 cm width) at an interval of 3 m all along the field to facilitate the draining of excess water in case of heavy rainfall at the early growth stage of rice.
	Variety	Long duration rice varieties like CR 1009, ADT 50 and KCLR 1 may be adopted for ensuing Samba season.

SMS Advisory: Dry weather is expected for next few days. Hence, field preparation may be done for the samba.

Puducherry

Weather based Agro-Advisories.

Crop	Stage/ Particulars	Agro Advisory
Coconut	Fruiting stage	Pest population occurs round the year but population maximum during June – Sep coinciding with the onset of monsoon. To Control Rhinoceros beetle in coconut, Set up Rhino lure pheromone trap @ 5 traps/ha to trap and kill the beetles. 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. Apply mixture of neem seed powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown.
Sugarcane	Tillering stage	To Control Mealybug in Sugarcane, Avoid excessive watering, Spray Dimethoate 30%Ec 1ml/litre, Spraying should be done only on stem not leaves.
Jasmine	Flowering stage	Due to prevailing weather condition, there may be changes of budworm infestation in jasmine. To control budworm, Setup 4 helilure sex pheromone trap per acre, spray Bacillus thuringiensis 2g/ lit.

General advice		To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely. As rain is expected in the coming days, it is advised to provide adequate drainage in the fields. As rains are expected in the coming days, it is advised to harvest and protect the agricultural and horticultural crops that are in harvesting stage.
Brinjal	Before sowing	To control the damping of infection in brinjal treat seeds with Trichoderma viride @ 4 g / kg or bacillus subtilis @ 10 g /kg of seeds treat with 24 hours before sowing.

SMS:

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

BLOCK LEVEL FORECAST

CHENNAI DISTRICT

Chennai Block

From extended range forecast above normal rainfall, normal maximum temperature and minimum temperature expected for the period of 11.09.2022 to 17.09.2022 over Tamil Nadu. (07.09.2022-08.09.2022) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur, Vellore, and Ranipet districts of Tamilnadu.

Live Stock(Varieties)	Live Stock Specific Advisory
COW	1. Livestock must be give medicated bath to avoid ectoparasite infestation. Moreover dipping must be done on a sunny day
GOAT	9. Plantation of trees around the livestock shed not only enhances ventilation but also prevent heat stress particularly dairy cattle.
RABBIT	2. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
PIG	5. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	8. Add 5%shell grit in laying hens for optimum egg production

TIRUVANNAMALAI DISTRICT

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

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may receive below normal rainfall and normal temperature for the period of 11.09.2022 to 17.09.2022. Light to moderate rainfall may be expected on forthcoming days. So, farmers are advised to avoid fertilizer application, insecticides or pesticides spray during rainy days. (07.09.2022-08.09.2022) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur, Vellore, and Ranipet districts of Tamilnadu.

Crop(Varieties)	Crop Specific Advisory
RICE	Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpone irrigation. Harvest the matured crops and store in safe places.
GROUNDNUT	Provide drainage for groundnut crop. To avoid fertilizer application, insecticides or pesticides spray.
MAIZE	Provide drainage for maize crop. To avoid fertilizer application, insecticides or pesticides spray and postpone irrigation.
COW	Don't keep the cows nearby the river bank and water bodies. Correct leaky roof of animal shed. Give 50% of dry fodder (to prevent diarrhoea) and 50% of green fodder. Clean the udder before and after milking. Take prevention measures for mastitis. Don't allow animals to drink stagnated unclean water. Give dewormers to calves below 3 months. Give Vaccination against Black quarter (BQ) and Hemorrhagic Septicemia (HS). Apply external parasiticide to prevent spread of protozoan diseases.
GOAT	First deworm the sheep and Goat. After one week give PPR Vaccine. After one month give Enterotoxaemia (ET) Vaccine. Don't leave the sheep and Goat on rains water stagnated area. Spray lime powder two times per week on ground to prevent hoof ulcer. Apply ectoparasiticide on the body of sheep and Goat. Give Bolus sulphadimidine one for larger animals and 1/4 to kid or lamb.

VILLUPURAM DISTRICT

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

From extended range forecast below normal rainfall, maximum temperature and minimum temperature expected for the period of 11.09.2022 to 17.09.2022 over Tamil Nadu. (07.09.2022-08.09.2022) Heavy rain is likely to occur at isolated places over Krishnagiri, Tirupattur, Vellore, and Ranipet districts of Tamilnadu.

Crop(Varieties)	Crop Specific Advisory
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RICE	1. Land preparation for samba season may be taken up using the expected rainfall. 2. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l.
SUGARCANE	1. Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l. 2. Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l).
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 favorable 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.

TIRUCHIRAPPALLI District

ANDANALLUR, LALGUDI, MANACHANELLUR, MANAPPARAI, MANIKANDAM, MARUNGAPURI, MUSIRI, PULLAMBADI, TATTAYANGARPETTAI, THIRUVERAMBUR, THOTTIAM, TURAIYUR, UPPILIAPURAM & VAIYAMPATTI Blocks

Tamilnadu's average rainfall is likely to be decrease normal during this week (07.09.2022 to 13.09.2022) From 4.86 mm to 5.04 mm. As rain is expected in the coming days, it is advised to provide adequate drainage in the fields.

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Exposure of calves and kids to rain should be avoided to prevent from pneumonia attack in view of expected high rain.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	To know the precaution of thunder and lightning, download DAMINI app and use it wisely.
GENERAL ADVICE	As rains are expected in the coming days, it is advised to harvest and protect the agricultural and horticultural crops that are in harvesting stage.
GENERAL ADVICE	Light to moderate rainfall will be expected in the forthcoming days so, avoid and don't spray any chemicals to crop and better to spray chemicals at the time of no rain.
GENERAL ADVICE	To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

GENERAL ADVICE	This is a season for vegetable sowing, hence the farmers are advised to treat the vegetable seeds with Bacillus subtilis @ 4 g / kg of seed before sowing to avoid rot in seedlings.
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PUDUCHERRY DISTRICT

ARIANKUPPAM, OZHUKARAI, VILLIANUR, BAHOUR, MANNADIPET Blocks

Weather based Agro-Advisories.

Crop	Stage/ Particulars	Agro Advisory
Coconut	Fruiting stage	Pest population occurs round the year but population maximum during June – Sep coinciding with the onset of monsoon. To Control Rhinoceros beetle in coconut, Set up Rhino lure pheromone trap @ 5 traps/ha to trap and kill the beetles. 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. Apply mixture of neem seed powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown.
Sugarcane	Tillering stage	To Control Mealybug in Sugarcane, Avoid excessive watering, Spray Dimethoate 30%Ec 1ml/litre, Spraying should be done only on stem not leaves.
Jasmine	Flowering stage	Due to prevailing weather condition, there may be changes of budworm infestation in jasmine. To control budworm, Setup 4 helilure sex pheromone trap per acre, spray Bacillus thuringiensis 2g/ lit.
General advice		To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely. As rain is expected in the coming days, it is advised to provide adequate drainage in the fields. As rains are expected in the coming days, it is advised to harvest and protect the agricultural and horticultural crops that are in harvesting stage.
Brinjal	Before sowing	To control the damping of infection in brinjal treat seeds with Trichoderma viride @ 4 g / kg or bacillus subtilis @ 10 g /kg of seeds treat with 24 hours before sowing.

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