



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 054/2021

For the period 0830 IST, 06th July 2021 to
0830 IST, 11th July 2021

Issued on Tuesday, 06th July 2021

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 02.07.21 to 05.07.21 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 31°C – 39°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 17°C – 23°C during the period.

Minimum temperature of range 21°C - 28°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 10°C - 12°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	--	--
Fairly widespread (Many places)	05.07.21	Tamil Nadu
Scattered (Few Places)	02.07.21 03.07.21 & 04.07.21	Tamil Nadu Puducherry
Isolated (Isolated Places)	03.07.21 & 04.07.21	Tamil Nadu
Dry	02.07.21 & 05.07.21	Puducherry

Chief Amounts of Rainfall (in cms):-

02.07.21 : Andipatti dist Madurai) 13, Vadipatti (dist Madurai) , Sholavandan (dist Madurai) , KCS Mill Ariyalur (diost Kallakurichi) 11 each, Madurai South (dist Madurai) , Kadavanur (dist Kallakurichi) 10 each, Padalur (dist Perambalur) , Palacode (dist Dharmapuri) , Bhuvanagiri (dist Cuddalore) , Perambalur (dist Perambalur) 9 each, Chidambaram (dist Cuddalore) , Pechiparai (dist Kanyakumari) 8 each, Chettikulam (dist Perambalur) , Thathiengrpet (dist Trichy) , Attur (dist Salem) , Trichy Ap (dist Trichy) , Tiruvaiyaru (dist Thanjavur) , Vepur (dist Cuddalore) 7 each, Omalur (dist Salem) , Tirukoilur (dist Kallakurichi), Bhavanisagar (dist Erode) , Kulithalai (dist Karur) 6 each, Thammampatty (dist Salem) , Rasipuram (dist Namakkal) , Usilampatti (dist Madurai) , Dharmapuri Pto (dist Dharmapuri) , Virudachalam (dist Cuddalore) , Chidambaram Aws (dist Cuddalore) , Salem (dist Salem) , Puduchatram (dist Namakkal) , Kallakurichi (dist Kallakurichi) , Dharamapuri (dist Dharmapuri) , Viralimalai (dist Pudukkottai) 5 each, Ariyalur (dist Ariyalur) , Trp Town (dist Trichy) , Thenparanadu (dist Trichy) , Musiri (dist Trichy) , Sendurai (dist Ariyalur) , Pochampalli (dist Krishnagiri) , Veeraganoor (dist Salem), Paramathivelur (dist Namakkal) , Pelandurai (dist Cuddalore) , Namakkal (dist Namakkal), Hogenekal (dist Dharmapuri) , Chittampatti (dist Madurai) , Vembakkam (dist Tiruvannamalai), Tirupattur PTO (dist Tirupattur) 4 each, Viraganur Dam (dist Madurai) , Natham (dist Dindigul) , Ponmalai (dist Trichy) , Karur

(dist Karur) , Mohanur (dist Namakkal) , Thogamalai (dist Karur) , Yercaud (dist Salem) , Erode (dist Erode) , Mangalapuram (dist Namakkal) , Thirukoilur Arg (dist Kallakurichi) , Gingee (dist Villupuram) , Sendamangalam (dist Namakkal) , Barur (dist Krishnagiri) , Chittar (dist Kanyakumari) , Danishpet (dist Salem) , Gobichettipalayam (dist Erode) , Thanjavur (dist Thanjavur) , Periyakulam (dist Theni) , Samayapuram (dist Trichy) , Budalur (dist Thanjavur) , Palani (dist Dindigul) , Ayyampettai (dist Thanjavur) , Sethiathope (dist Cuddalore) , Pullambadi (dist Trichy) , Sankarapuram (dist Kallakurichi) , Mylam Aws (dist Villupuram) , Ponneri (dist Tiruvallur) , Pulipatti (dist Madurai) 3 each, Penucondapuram (dist Krishnagiri) , Manapparai (dist Trichy) , Kodumudi (dist Erode) , Kodaikanal (dist Dindigul) , Chengam (dist Tiruvannamalai) , Thuvakudi Imti (dist Trichy) , Gudiyatham (dist Vellore) , Annavasal (dist Pudukkottai) , Ponnamaravathi (dist Pudukkottai) , Mettupatti (dist Madurai) , Krishnarayapuram (dist Karur) , Vaigai Dam (dist Theni) , Illuppur (dist Pudukkottai) , Erumapatti (dist Namakkal) , Vilupuram (dist Villupuram) , Perunchani Dam (dist Kanyakumari) , Tirupattur (dist Tirupattur) , Tiruvallur (dist Tiruvallur) , Panruti (dist Cuddalore) , Melalathur (dist Vellore) , Palavidithi (dist Karur) , Natrampalli (dist Tirupattur) , Ammundi (dist Vellore) , Pappireddipatti (dist Dharmapuri) , Shoolagiri (dist Krishnagiri) , Panchapatti (dist Karur) , Melur (dist Madurai) 2 each, Cuddalore (dist Cuddalore) , Tirukattupalli (dist Thanjavur) , Cheyyar (dist Tiruvannamalai) , Kurinjipadi (dist Cuddalore) , Tallakulam (dist Madurai) , Marandahalli (dist Dharmapuri) , K.m.koil (dist Cuddalore) , Ulundurpet (dist Kallakurichi) , Kancheepuram (dist Kancheepuram) , Lalgudi (dist Trichy) , K.paramathi (dist Karur) , Poondi (dist Tiruvallur) , Chinnakalar (dist Coimbatore) , Alangayam (dist Tirupattur) , Nilakottai (dist Dindigul) , Gudalur (dist Theni) , Dindigul (dist Dindigul) , Kovilpatti (dist Toothukudi) , Kovilpatti (dist Trichy) , Pennagaram (dist Dharmapuri) , Harur (dist Dharmapuri) , Mayanur (dist Karur) , Nedungal (dist Krishnagiri) , Thanjavur Pto (dist Thanjavur) , Valparai Pto (dist Coimbatore) , Neyveli Aws (dist Cuddalore) , Krishnagiri (dist Krishnagiri) , Pallipattu (dist Tiruvallur) , Thirumanur (dist Ariyalur) , Virudhunagar (dist Virudhunagar) , Mettur (dist Salem) , Mayiladuthurai (dist Mayiladuthurai) , Marungapuri (dist Trichy) , Grand Anaicut (dist Thanjavur) , Manalmedu (dist Mayiladuthurai) 1 each.

03.07.21 : Kancheepuram (dist Kancheepuram), Gingee (dist Villupuram) 7 each, Vanur (dist Villupuram) 6, Mahabalipuram (dist Chengalpattu), Marakkanam (dist Villupuram), Ponnai Dam (dist Vellore) 5, Virinjipuram Aws (dist Vellore) 5 each, Kalavai Aws (dist Ranipet), Katpadi (dist Vellore), Vellore (dist Vellore) 4 each, Thiruvallangadu (dist Tiruvallur), Uthukottai (dist Tiruvallur), R.K.Pet (dist Tiruvallur), Melalathur (dist Vellore), Arani (dist Tiruvannamalai), Tiruttani (dist Tiruvallur), Omalur (dist Salem), Puducherry (dist Puducherry), Sriperumbudur (dist Kancheepuram), Polur (dist Tiruvannamalai), Walajabad (dist Kancheepuram), Gudiyatham (dist Vellore), Pallipattu (dist Tiruvallur) 3 each, Poondi (dist Tiruvallur), Yercaud (dist Salem), Vandavasi (dist Tiruvannamalai), Tindivanam (dist Villupuram), Tiruttani Pto (dist Tiruvallur), Ponneri (dist Tiruvallur), Thamaraipakkam (dist Tiruvallur), Vembakkam (dist Tiruvannamalai), Poonamallee (dist Tiruvallur), Gummidipoondi (dist Tiruvallur), Tiruvallur (dist Tiruvallur), Danishpet (dist Salem), Cholavaram (dist Tiruvallur), Nagapattinam (dist Nagapattinam) 2 each, Cheyyur (dist Chengalpattu), Ketti (dist Nilgiris), Alandur (dist Chennai), Chennai Ap (dist Chennai), Cheyyar (dist Tiruvannamalai), Mylam Aws (dist Villupuram), Uthiramerur (dist Kancheepuram), Villupuram (dist Villupuram), Tozhudur (dist Cuddalore), Tirupuvanam (dist Sivaganga), Chembarabakkam (dist Tiruvallur), Chembarambakkam Arg (dist Tiruvallur) 1 each.

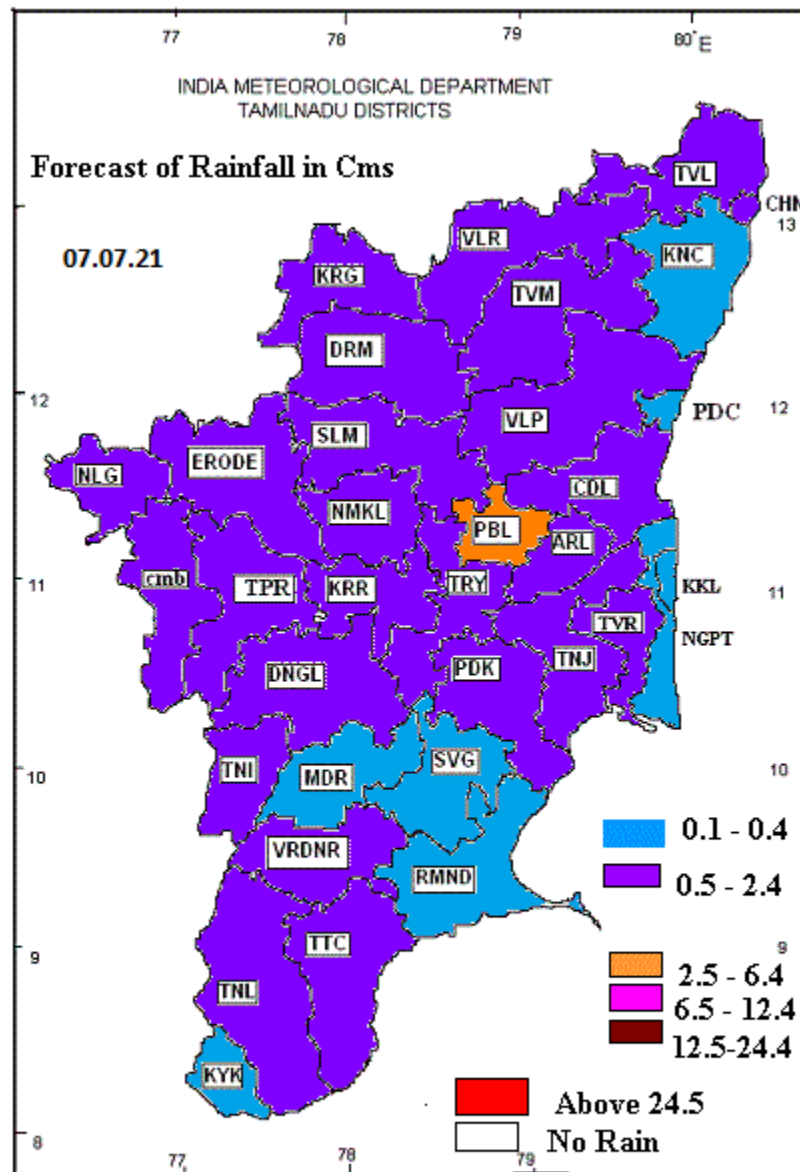
04.07.21 : Manapoondi (dist Villupuram) , Mugaiyur (dist Villupuram) 6 each, Peraiyur (dist Madurai) , Valparai Pto (dist Coimbatore) , Chinnakalar (dist Coimbatore), Tirukoilur ARG (dist Kallakurichi) 5 each, Tirupathur Pto (dist Tirupattur) , Devakottai (dist Sivaganga) , Vaniyambadi (dist Tirupattur) , Neyveli AWS (dist Cuddalore) Cincona (dist Coimbatore), Me Mathur (dist Cuddalore) 3

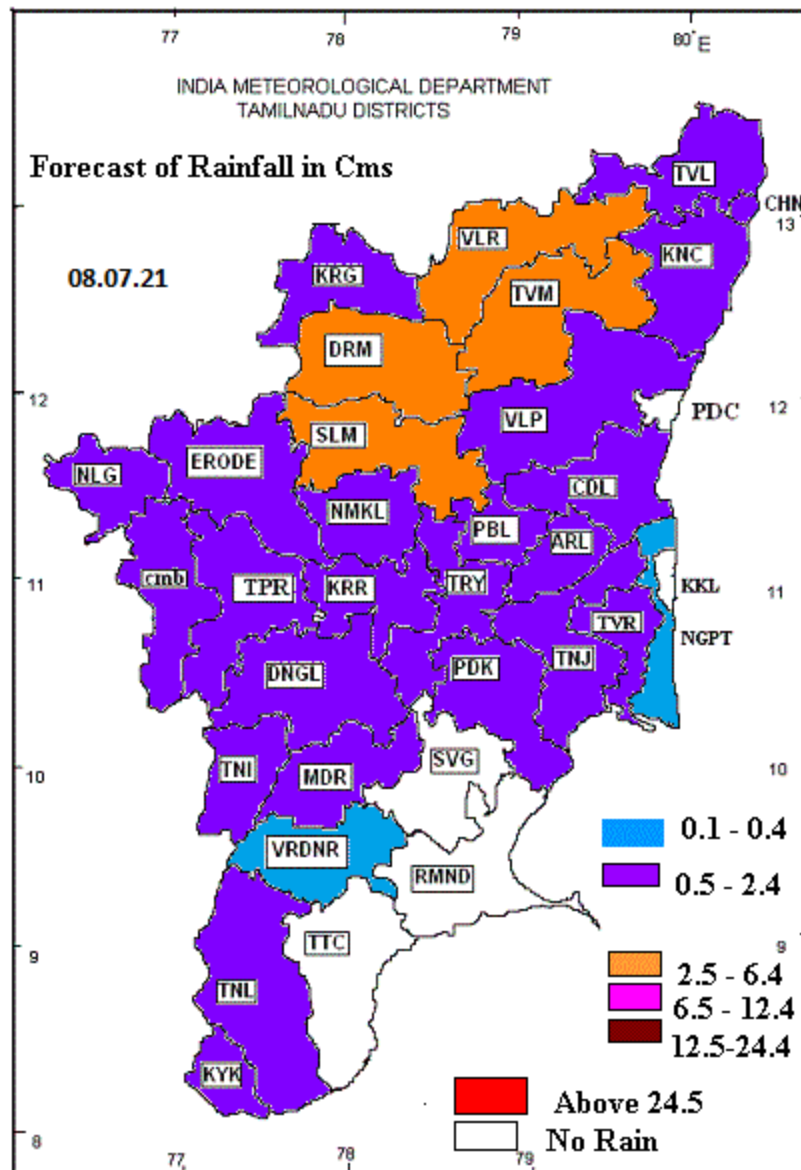
each, Tirupattur (dist Tirupattur) , Vilupuram (dist Villupuram) , Kodaikanal (dist Dindigul) , Budalur (dist Thanjavur) , Watrap (dist Virudhunagar) , Arantangi (dist Pudukkottai) , Uthagamandalam (dist Nilgiris) , Panruti (dist Cuddalore) , Airport Madurai (dist Madurai) 2 each, Krishnagiri (dist Krishnagiri), Periyanaickenpalayam (dist Coimbatore) , Thammampatty (dist Salem) , Kallikudi (dist Madurai) , Adirampatnam (dist Thanjavur) , Karaikudi (dist Sivaganga) , Avalanche (dist Nilgiris) , Tirumangalam (dist Madurai) , Alangayam (dist Tirupattur) , Ketti (dist Nilgiris) , Pilavakkal (dist Virudhunagar) , Tirupondi (dist Nagapattinam) , Vanur (dist Villupuram) , Puducherry (dist Puducherry) , Pattukottai (dist Thanjavur) , Penucondapuram (dist Krishnagiri) , Valparai Taluk Office (dist Coimbatore) , Virudhunagar (dist Virudhunagar) 1 each.

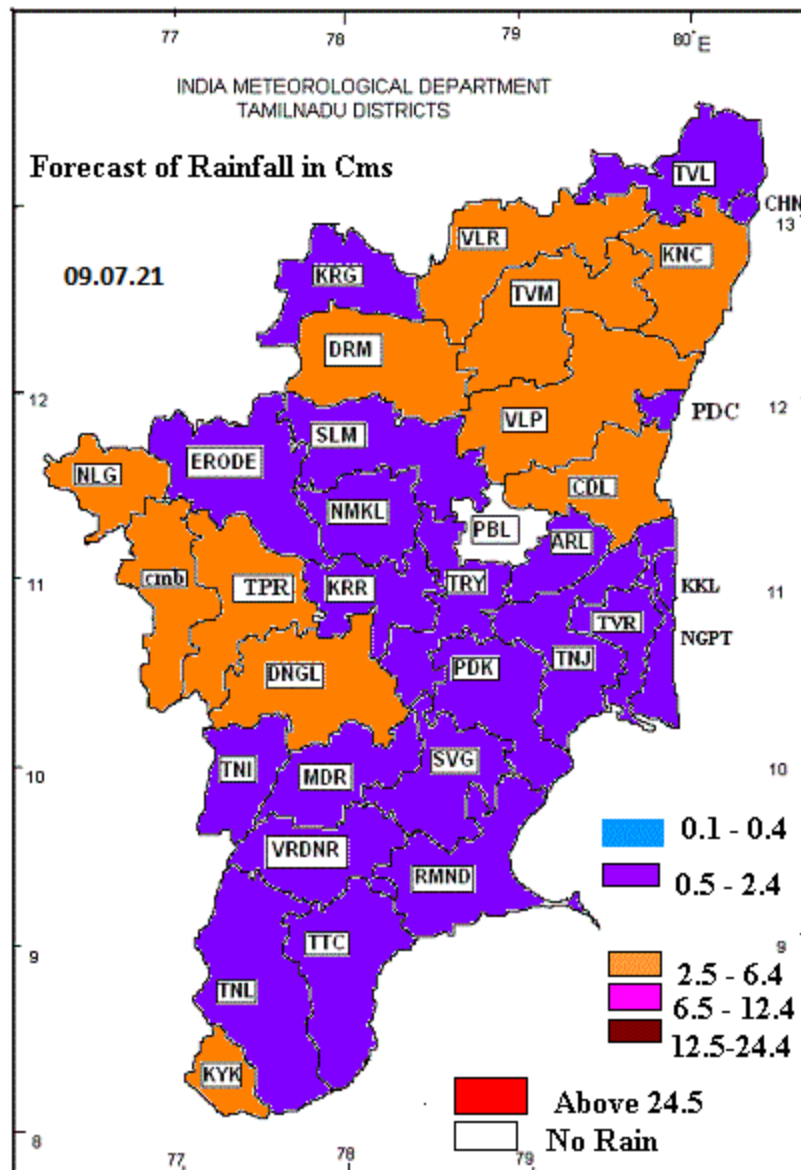
05.07.21 : Kodavasal (dist Tiruvarur) 12, Palavidithi (dist Karur), Salem (dist Salem), Anaimaduvu dam (dist Salem) 10 each, Attur (dist Salem), Penucondapuram (dist Krishnagiri), Manapparai (dist Trichy), Vathalai Anaicut (dist Trichy), Mangalapuram (dist Namakkal), Rasipuram (dist Namakkal), Manalmedu (dist Mayiladuthurai), Kallandri (dist Madurai) 9 each, Perambalur (dist Perambalur), Thammampatty (dist Salem), Kayathar ARG (dist Toothukudi), Ponmalai (dist Trichy), Navalur Kottapattu (dist Trichy), Vanamadevi (dist Cuddalore) 8 each, Padalur (dist Perambalur), Panruti (dist Cuddalore), Cuddalore (dist Cuddalore), Pochampalli (dist Krishnagiri), Kayathar (dist Toothukudi), Harur (dist Dharmapuri), Trichy Ap (dist Trichy), Chettikulam (dist Perambalur), Aravakurichi (dist Karur), Mugaiyur (dist Villupuram), Jambukuttapatti (dist Krishnagiri), Karaiyarkovil dam(dist Salem) 7 each, Hosur (dist Krishnagiri), Kangeyam (dist Tiruppur), Barur (dist Krishnagiri), Namakkal (dist Namakkal), Ilayangudi (dist Sivaganga), Alangayam (dist Tirupattur) 6 each, Krishnagiri (dist Krishnagiri), Shoolagiri (dist Krishnagiri), Andipatti (dist Theni), Manjalaru (dist Thanjavur), Chittampatti (dist Madurai), Thuraiyur (dist Trichy), Thuvakudi Imti (dist Trichy), Nedungal (dist Krishnagiri), Coonoor Pto (dist Nilgiris), Keelpennathur (dist Tiruvannamalai), Cheyyar (dist Tiruvannamalai), Thogamalai (dist Karur), Sendurai (dist Ariyalur), Trp Town (dist Trichy), Budalur (dist Thanjavur), Thirukoilur Arg (dist Kallakurichi), Tiruchengode (dist Namakkal), Thanjavur (dist Thanjavur), Tiruvaiyaru (dist Thanjavur) 5 each, Tirukattupalli (dist Thanjavur), Kadambur (dist Toothukudi), Gudalur (dist Theni), Sirkali (dist Mayiladuthurai), Chinnakalar (dist Coimbatore), Marungapuri (dist Trichy), Lalgudi (dist Trichy), Tuticorin (dist Toothukudi), Pappireddipatti (dist Dharmapuri), Yercaud (dist Salem), Agaram Seegoor (dist Perambalur), Emeralad (dist Nilgiris), Dharmapuri Pto (dist Dharmapuri), Arani (dist Tiruvannamalai), Dindigul (dist Dindigul), Veppanthattai (dist Perambalur), Vadipatti (dist Madurai), Madurai South (dist Madurai), Cheranmahadevi (dist Tirunelveli), Sankarapuram (dist Kallakurichi) 4 each, Labbaikudikadu (dist Perambalur), Polur (dist Tiruvannamalai), Edapadi (dist Salem), Vedasandur (dist Dindigul), Ponnamaravathi (dist Pudukkottai), Valangaiman (dist Tiruvarur), Puduchatram (dist Namakkal), Mulanur (dist Tiruppur), Vedaranyam (dist Nagapattinam), Musiri (dist Trichy), Mettur (dist Salem), Sankaridurg (dist Salem), Vallam (dist Thanjavur), Valparai Taluk Office (dist Coimbatore), Kovilpatti (dist Trichy), Kovilpatti (dist Toothukudi), Ambasamudram (dist Tirunelveli), Danishpet (dist Salem), Tallakulam (dist Madurai), Kadavur (dist Karur), Sholavandan (dist Madurai), Chengam (dist Tiruvannamalai), Thanjavur Pto (dist Thanjavur), Uthangarai (dist Krishnagiri), Rayakottah (dist Krishnagiri), Veeraganoor (dist Salem), Samayapuram (dist Trichy), Kodaikanal (dist Dindigul), Vaniaymbadi (dist Tirupattur), Erode (dist Erode), Pelandurai (dist Cuddalore), Ariyalur (dist Ariyalur), K.m.koil (dist Cuddalore), Tirumangalam (dist Madurai), Grand Anaicut (dist Thanjavur), K Bridge (dist Nilgiris), Pudukkottai (dist Pudukkottai) 3 each, Thenparanadu (dist Trichy), Omalur (dist Salem), Virudachalam (dist Cuddalore), Pulipatti (dist Madurai), Eraiyur (dist Perambalur), Vepur (dist Cuddalore), Periyar (dist Theni), Devakottai (dist Sivaganga), Periyakulam (dist Theni), Ramanathapuram (dist Ramanathapuram), Uthukuli (dist Tiruppur), Mylam Aws (dist Villupuram), Sivaganga (dist Sivaganga), Thirumanur (dist Ariyalur), Sankarankoil (dist Tenkasi), Natrampalli (dist Tirupattur),

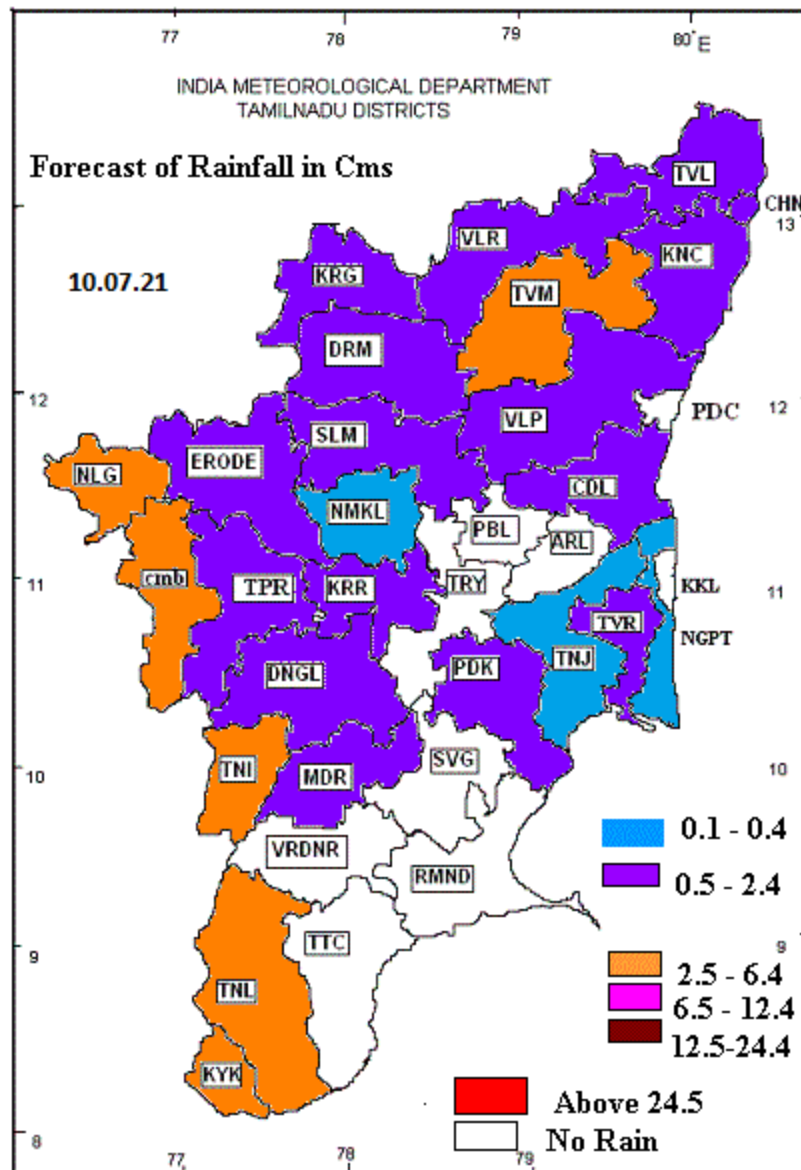
Perungalur (dist Pudukkottai), Melur (dist Madurai), Sholayar (dist Coimbatore), Jayamkondam (dist Ariyalur), Odanchatram (dist Dindigul), Coonoor (dist Nilgiris), Illuppur (dist Pudukkottai), Vanur (dist Villupuram), Mohanur (dist Namakkal), Paramathivelur (dist Namakkal), Panchapatti (dist Karur), Thalaigayyer (dist Nagapattinam), Viraganur Dam (dist Madurai), Perundurairi (dist Erode), Paramakudi (dist Ramanathapuram), Kalavai Awas (dist Ranipet), Thandampettai (dist Tiruvannamalai), Ambur (dist Tirupattur), Hogenekal (dist Dharmapuri), Tirukoilur (dist Kallakurichi), Ayyampettai (dist Thanjavur), Pennagaram (dist Dharmapuri), Palani (dist Dindigul), Palacode (dist Dharmapuri), Karaikudi (dist Sivaganga), Kollidam (dist Mayiladuthurai) 2 each, Thiruvaidaimaruthur (dist Thanjavur), Mayiladuthurai (dist Mayiladuthurai), Vilupuram (dist Villupuram), Upper Bhavani (dist Nilgiris), Annavasal (dist Pudukkottai), Kumarapalayam (dist Namakkal), Vaigai Dam (dist Theni), Krishnarayapuram (dist Karur), Tirupathur (dist Sivaganga), Avalanche (dist Nilgiris), Sendamangalam (dist Namakkal), Kallikudi (dist Madurai), Peraiyur (dist Madurai), Kulithalai (dist Karur), Chittar (dist Kanyakumari), Sathyamangalam (dist Erode), Neyveli Awas (dist Cuddalore), Thalavadi (dist Erode), Kamatchipuram (dist Dindigul), Veerapandi (dist Theni), Ettayapuram (dist Toothukudi), Mayanur (dist Karur), Walajabad (dist Kancheepuram), Gobichettipalayam (dist Erode), Bhavani (dist Erode), Thiruchuzhi (dist Virudhunagar), Dharmapuri (dist Dharmapuri), Devala (dist Nilgiris), Viralimalai (dist Pudukkottai), Valparai Pto (dist Coimbatore), Uthagamandalam (dist Nilgiris), Tirupathur Pto (dist Tirupattur), Kodumudi (dist Erode), Thekkadi (dist Theni), Manamadurai (dist Sivaganga), Thali (dist Krishnagiri), Erumapatti (dist Namakkal), Dharapuram (dist Tiruppur), Ketti (dist Nilgiris), Glenmorgan (dist Nilgiris), Thanjai Papanasam (dist Thanjavur), Vadapudupattu (dist Tirupattur), Gandarvakottai (dist Pudukkottai), Karur (dist Karur), Avinasi (dist Tiruppur), Airport Madurai (dist Madurai), K.paramathi (dist Karur), Ottapadiram (dist Toothukudi), Melalathur (dist Vellore), Tirumayam (dist Pudukkottai), Virudhunagar (dist Virudhunagar), Usilampatti (dist Madurai), Katpadi (dist Vellore), Kalugumalai (dist Toothukudi), Tozhudur (dist Cuddalore), Marandahalli (dist Dharmapuri) 1 each.

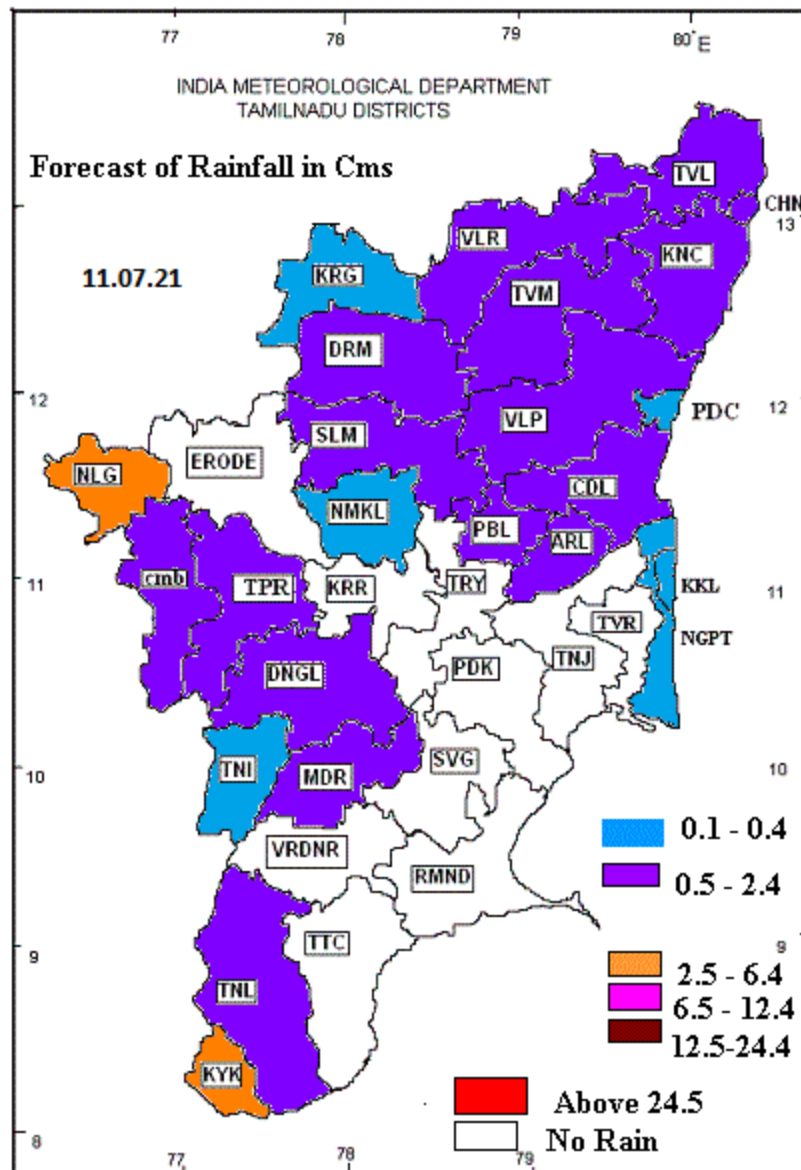
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 06.07.21
VALID FOR THE NEXT 5 DAYS**











Districtwise Agromet Advisories

Chennai

SMS Advisory: (06.07.2021-10.07.2021):

Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu.

Livestock Advisory :

1. Since light rainfall is forecasted in the fourth week farmers are advised to render the young animals calves and kids safe dry shelter. 2. The hay and dry fodder Meant for dairy animals must be stored in a damp free closed room, to prevent aflatoxin development. 3. The embankment around the goat shed must be checked for rain water stagnation, Dampness with high carbon dioxide concentration will lead to coccidia infection in kids leading to mortality. 4. The bushes and shrubs around dairy shed must be cleaned, to ensure good ventilation as well to prevent vermin deposition. 5. The increased humidity in pig sty may occasionally increase the ammonia concentration to prevent this, the sty must be facilitated with good ventilation. 6. Increased humidity and air temperature may predispose rabbits to fungal infection leading to respiratory distress, to prevent this during rainy season the sidewalls of the rabbitry must be closed with gunny bags to prevent rainwater infiltration. 7. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation. 8. In deep litter system of poultry rearing, the moisture level of litter system must be under check to prevent ammonia accumulation in poultry houses.

Kancheepuram

Weather based Agro advisory:

Crop	Stage	Agromet Advisory
General	-	In July-August month, sowing farmers are advised to apply 200 kg/acre of well decomposed poultry manure before the sowing.
SMS		On 09.07.2021 moderate rainfall is forecasted since pulses and vegetable crop farmers may create proper drainage facilities.
Crop – Rice	Tillering Stage	The forecasted weather may cause stem borer infestation in rice for management farmers may spray Chlorantraniliprole 18.5% 150 ml/ha.
Crop - Groundnut	Early Stage	There are possibilities of early leaf spot disease infestation in groundnut. Based on disease symptoms farmers may spray 200 gram of Carbendazim/acre.
Crop - Chillies	Flowering stage	Weather is conducive for Powdery mildew infection in chillies. If symptoms are observed by farmers its advised to take necessary plant protection measures.
Crop –Cucurbits	Cucurbits	There are possibilities of leaf minor infestation in Cucurbit crops. Farmers are advised to take necessary plant protection measures as per the advice of the Horticulture Officer.

Crop - Brinjal	Flowering stage	There are possibilities of little leaf disease infestation in brinjal. Farmers are advised to monitor the disease infestation and taken appropriate protection measures.
Animal science	Dairy animals	Farmers may provide 30-50 gram of mineral mixture per animal to improve the production and health status. As per the advice of the veterinary doctor farmers may vaccinate their dairy animals against FMD disease.
	Sheep and Goat	Farmers are advised to provide salt licks to sheep and goat to improve growth and production in animals. Vaccinate sheep and goat against Enterotoxaemia where ever the disease occurrence is frequent.
	Poultry	Farmers are advised to provide B-complex supplements in drinking water to poultry birds to improve production. Vaccinate the poultry birds against Ranikhet disease in nearby veterinary hospital.
Fisheries	Inland Fish	Farmers are advised to measure and evaluate the pond water quality parameters since rainfall is forecasted. According to the water pH and alkalinity status farmers may apply lime @ 150-250kg/ha. Feeding time in fish pond may followed morning 6-7 AM and evening in 5-6 PM. To avoid dissolved oxygen problems in pond water minimum 4 feet water depth may be maintained.
	Common Fish	In prawn ponds, farmers may perform model fish sampling in weekly intervals accordingly daily feed rate may be altered.

This Agro Advisory bulletin was prepared and published with the consultation and recommendation of SMS committee of District Agromet Unit (DAMU) Krishi Vigyan Kendra, Kancheepuram - 603 203.

Villupuram

SMS Advisory: (06.07.2021-10.07.2021):

Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu.

Livestock Advisory:

1. Since light rainfall is forecasted in the fourth week farmers are advised to render the young animals calves and kids safe dry shelter.
2. The hay and dry fodder Meant for dairy animals must be stored in a damp free closed room, to prevent aflatoxin development.
3. The embankment around the goat shed must be checked for rain water stagnation, Dampness with high carbon dioxide concentration will lead to coccidia infection in kids leading to mortality.
4. The bushes and shrubs around diary shed must be cleaned, to ensure good ventilation as well to prevent vermin deposition.
5. The increased humidity in pig sty may occasionally increase the ammonia concentration to prevent this, the sty must be facilitated with good ventilation.
6. Increased humidity and air temperature may predispose rabbits to fungal infection leading to respiratory distress, to prevent this during rainy season the sidewalls of the rabbitry must be closed with gunny bags to prevent rainwater infiltration.
7. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
8. In deep litter system of poultry rearing, the moisture level of litter system must be under check to prevent ammonia accumulation in poultry houses.

Agricultural 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. Alage in paddy field reduces the growth of crops. To control apply, 2 kg of copper sulphate mix with sand. 3. 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
Coconut: 1. Installation of yellow sticky traps (25 Nos./ ha) on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae at emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 20 ml/l of water or spray Azadirachtin 2.0 ml/l of water with 1.0 ml of sticking agent.

Thiruvannamalai

SMS Advisory: (08.07.2021):

Thunderstorm with Heavy rain is likely to occur at isolated places over Vellore, Ranipet and Thiruvannamalai districts of Tamilnadu.

Livestock Advisory:

1. Since light rainfall is forecasted in the fourth week farmers are advised to render the young animals calves and kids safe dry shelter. 2. The hay and dry fodder Meant for dairy animals must be stored in a damp free closed room, to prevent aflatoxin development. 3. The embarkment around the goat shed must be checked for rain water stagnation, Dampness with high carbon dioxide concentration will lead to coccidia infection in kids leading to mortality. 4. The bushes and shrubs around diary shed must be cleaned, to ensure good ventilation as well to prevent vermin deposition. 5. The increased humidity in pig sty may occasionally increase the ammonia concentration to prevent this, the sty must be facilitated with good ventilation. 6. Increased humidity and air temperature may predispose rabbits to fungal infection leading to respiratory distress, to prevent this during rainy season the sidewalls of the rabbitry must be closed with gunny bags to prevent rainwater infiltration. 7. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation. 8. In deep litter system of poultry rearing, the moisture level of litter system must be under check to prevent ammonia accumulation in poultry houses.
Agricultural advisory Rice: 1. By utilizing is expected rainfall preparation of rice nursery may be started and if paddy seeds are already sown maintain thin film of water to avoid seed displacement. 2. Alage in paddy field reduces the growth of crops. To control this, apply 2 kg of copper sulphate mix with sand. Coconut: Conserve the expected rainfall by providing basin in coconut farms. Apply fertilizer for the coconut trees more than 5 years @ 650 g urea, 1 kg super phosphate, 1 kg potash per tree. And also apply 250 g of micro nutrient per tree and don't mix micro nutrient with soil. Chilli: To control fruit rot or dieback disease, spray with mancozeb 1 kg or Copper oxychloride 1.25 kg /acre 40 days after transplanting at 20 days interval. Brinjal: Prevailing weather condition is favorable for shoot borer/ fruit borer incidence in brinjal. To control, spray chlorantraniliprole @ 0.5 ml / lit (or) Emamectin benzoate @ 0.4g/litre. Tomato: This is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with *Trichoderma viride* @ 4g/kg or *Pseudomonas fluorescens* @ 10g/kg seeds. The seed treatment must be done 24 hours before sowing of seeds Sugarcane: Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed. Jasmine: Prevailing weather is favorable for bud worm incidence. For controlling this pest spray imidachloprid 2ml/lit. (or) dimethoate 2 ml/ lit.

Thiruvallur

From the extended range forecast, Normal rainfall and normal temperature expected for the period of 11th to 17th July over Tamil Nadu. Inward ring basin may be strengthened around fruit trees to harvest anticipated rainfall in the root zone. Since light rainfall is expected irrigation may be done according to soil moist.

Crop(Varieties)	Crop Specific Advisory
RICE	Rice- 1. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g. (Or) ; 2. Leaf folder- Spray Azadirachtin 0.03% 400 ml (Or) Chlorantraniliprole 18.5% SC 150 g in 200 litres of water; 3. Alage growth of paddy field- apply 2 kg of copper sulfate mix with sand.
BLACK GRAM	Black gram- spotted pod borer - Thiodicarb 75% WP 250 g per acre in 200 litres of water.
GROUNDNUT	Groundnut-Root rot- Soil application of P. fluorescens @ 1 kg /acre with 20 kg of well decomposed FYM / sand.
SUGARCANE	Sugarcane- Inter nodes borer- Release egg parasitoid, Trichogramma chilonis at the rate of @ 2.5 cc / release / acre. Six release at fortnightly intervals starting from 4th month on wards. Avoid the use of excessive nitrogenous fertilizers. Collect and destroy the eggs periodically. Detrash the crop on 150th and 210th day of planting.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Brinjal-Fruit borer - Neem seed kernel extract (NSKE) 5 % or Or Spray Azadirachtin 1.0% EC (10000 ppm) 3.0 ml/lit of chemical starting from one month after planting at 15 days interval.

Vellore

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may receive normal rainfall, temperature for the period of 11.07.2021 to 17.07.2021. The onset of monsoon may flare up the incidence of enterotoxaemia in small ruminants. Hence prior vaccination is essential to combat this. Light to moderate rainfall may be expected on forthcoming days. So, farmers are advised to avoid fertilizer application, insecticides or pesticides spray. Chances of light to moderate rainfall may be expected on forthcoming days. So, farmers are advised provide drainage for lowland area crops and save excess rainfall in farm ponds.

Crop(Varieties)	Crop Specific Advisory
RICE	Since rain is anticipated, provide drainage for the transplanted short duration Karif rice. In the paddy planting field to apply Beautachlor for weed control 2.5 litre+25 Kg sand per hectare on the third day. Prevailing weather condition is favourable for leaf folder incidence in rice. Hence farmers are requested to monitor the field and spray fipronil 2ml/litre.
GROUNDNUT	To control tikka leaf spot disease in groundnut, spray Mancozeb @ 2g / litre. During rainy season iron deficiency may be seen in groundnut. So, apply Feso4 1% @ 10ml /litre.
JASMINE	Prevailing weather is favorable for bud worm incidence. For controlling this pest spray imidachloprid 2ml/lit. (or) dimethoate 2 ml/ lit.
OKRA/ LADYFINGER	Setup pheromone trap @ 12/ha or spray Azadirachtin 0.03 % 5 g/litre to control bhendi fruit borer.
Horticulture(Varieties)	Horticulture Specific Advisory

COCONUT	During rainy season, to control rhinoceros beetle in coconut setup light traps.
BRINJAL	Prevailing weather condition is favourable for shoot borer/ fruit borer incidence in brinjal. To control, spray chlorantraniliprole @ 0.5 ml / lit (or) Emamectin benzoate @ 0.4g/litre. To control little leaf of brinjal, spray imidachloprid@ 2 ml / litre or remove the affected plants.
CHILLI	To control fruit rot or dieback disease, spray with mancozeb 1 kg or Copper oxychloride 1.25 kg /acre 40 days after transplanting at 20 days interval.
BANANA	Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana.
PAPAYA	To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	During rainy season the cattle and small ruminants should not be fed with water spoiled fodder, which may cause fever and diarrhoea. The farmers are advised to vaccinate their livestock against FMD by taking their livestock to the nearby veterinary dispensary.

Cuddalore

As per IMD extended range forecast for the period of 11 to 17th July 2021 Tamil Nadu likely to receive Normal rainfall. Light rainfall will be expected in the forthcoming days, so farmers are advised to irrigate crop based on the soil moisture.

Crop(Varieties)	Crop Specific Advisory
RICE	In paddy field black bug infestation is seen in some par (Kurinjpadi block) of Cuddalore district. The bug sucks the sap from the base of the tillers, as a result the plants are giving “bug burn” symptoms. The earheads become chaffy. The following integrated to manage the black bug. Establish light traps to attract matured bugs. Flood the fields to kill eggs and young ones. The stubbles remaining in the field after harvest should be ploughed in situ to kill eggs of young ones. If the infestation exceeds economic threshold level (5 bugs/hill) spray acephate 625 g/ha or neem seed kernel extract 5 %. Avoid paddy cultivation with same varieties year after year.
RICE	In paddy field mite infestation was observed. In leaves both the adults and young ones remain in large numbers on the lower side and suck the juice. Yellowish- brown specks on the upper side of leaves. White patches on lower side of leaves. Seedling in the nurseries and transplanted crop are affected. To control spray propargite 57% EC 2.0 ml/liter or spiromesifer 22.9 SC 1.0 ml/liter or dicofol 18.5 EC 2.0 ml/liter.
Horticulture(Varieties)	Horticulture Specific Advisory
TAPIOCA	1. Prevailing weather condition is favorable for mealy bug infestation in tapioca crop. To control spray profenophos 2 ml/l or thiamethoxam 25% WG 100 g/ha with sticking agent. 2. Prevailing weather condition is favorable for mite infestation in tapioca crop. To control spray propargite 57% EC 2.0 ml/liter or spiromesifer 22.9 SC 1.0 ml/liter or dicofol 18.5 EC 2.0 ml/liter.

Coimbatore & Erode

Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall is expected. Irrigation may be postponed based on soil moisture. Forecasted wind speed is around 15 km/hour. Proper support must be provided to banana, sugarcane and other tall growing trees.
Rice	Transplanting	Prevailing temperature favours sucking pest in rice. Spray 2 ml of Thiomethaxam in one liter of water during non rainy day. Considering the anticipated rainfall, kar season paddy transplanting may be completed before 10 th July to avoid coincidence of maturity and North east monsoon.
Pulses	Germination	By utilizing rainfall both green and black gram sown under irrigated and rainfed situations may be given gap filling in order to maintain 33 plants/ m ² .
Groundnut	Flowering	By utilizing received rainfall gypsum may be applied @ for 45 days old groundnut crop in Pollachi region Apply gypsum @ 400 kg/ha by the side of the plants on 40 th to 70 th day depending upon soil moisture. Apply gypsum, hoe and incorporate it in the soil and then earth up. Gypsum is effective in soils deficient in calcium and Sulphur.
Sugarcane	Vegetative	Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall.
Onion	Vegetative	Prevailing weather is favourable for thrips attack in onion. Hence monitor the crop carefully and spray Spinosad @ 0.5ml per litre of water.
Tapioca	Planting	By utilizing the favourable weather, Tapioca sets with 10 – 15 nodes may be planted followed by irrigation.
Turmeric		Occurrence of leaf spot incidence in turmeric crop may be monitored because of heavy wind, high relative humidity and cloudiness. Spray with Mancozeb 0.25% or copper oxy chloride 0.25% immediately after the appearance of symptom and at 15 days interval In Turmeric, micronutrients deficiency especially Boron, Iron and Zinc may be corrected by applying 375 g ferrous sulphate, 375 g Zinc sulphate, 375 g Borax, 375 g of Urea in 250 lit of water/ha. Spraying twice at 25 days interval is recommended. The above micronutrients are dissolved in Super phosphate slurry (15 kg Super Phosphate is dissolved in 25 lit of water stored overnight and the supernatant solution is made upto 250 lit). In this solution, the micronutrients are added.
Coconut		By utilizing the anticipated rainfall, the fertilizer application especially for the coconut may be completed immediately. Apply fertilizer for the coconut trees. More than 5 years @ 650 g urea, 1 kg super phosphate, 1 kg potash per tree. And also apply 250 g of micronutrient per tree and don't mix micronutrient with soil. Root feeding of TNAU coconut tonic 200ml/ tree is advised for arresting button shedding in coconut.
Animal		To avoid mastitis disease in milching animals use potassium permanganate for cleaning the udder before and after milking.

		<p>Since wind speed is expected to increase with prevailing high temperature sufficient quantity of good quality of water is necessary to the poultry birds. Further providing feed during morning hours to avoid food wastage and hanging of gunny bags the border of the shed is beneficial.</p> <p>Maximum temperature is more than 32 °C, electrolytes may be added in the chicken feeds to increase the feed intake.</p>
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SMS advisory

Prevailing weather is favourable for thrips attack in onion. Hence monitor the crop carefully and spray Spinosad @ 0.5ml per litre of water.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		<p>Light to moderate rainfall is expected. Irrigation may be postponed based on soil moisture.</p> <p>Forecasted wind speed is around 15 km/hour. Proper support must be provided to banana, sugarcane and other tall growing trees.</p>
Pulses	Germination	By utilizing rainfall both green and black gram sown under irrigated and rainfed situations may be given gap filling in order to maintain 33 plants/ m ² .
Sugarcane	Vegetative	Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall.
Onion	Vegetative	Prevailing weather is favourable for thrips attack in onion. Hence monitor the crop carefully and spray Spinosad @ 0.5ml per litre of water.
Tapioca	Planting	By utilizing the favourable weather, Tapioca sets with 10 – 15 nodes may be planted followed by irrigation.
Banana		Rain may be accompanied with high wind speed of >15 km/hour. Provide adequate stacking to 5 months old and above banana against lodging.
Coconut		<p>By utilizing the anticipated rainfall, the fertilizer application especially for the coconut may be completed immediately.</p> <p>Apply fertilizer for the coconut trees. More than 5 years @ 650 g urea, 1 kg super phosphate, 1 kg potash per tree. And also apply 250 g of micronutrient per tree and don't mix micronutrient with soil.</p> <p>Root feeding of TNAU coconut tonic 200ml/ tree is advised for arresting button shedding in coconut.</p>
Animal		<p>To avoid mastitis disease in milching animals use potassium permanganate for cleaning the udder before and after milking.</p> <p>Since wind speed is expected to increase with prevailing high temperature sufficient quantity of good quality of water is necessary to the poultry birds. Further providing feed during morning hours to avoid food wastage and hanging of gunny bags the border of the shed is beneficial.</p> <p>Maximum temperature is more than 32 °C, electrolytes may be added in the chicken feeds to increase the feed intake.</p>

SMS advisory

Prevailing weather is favourable for thrips attack in onion. Hence monitor the crop carefully and spray Spinosad @ 0.5ml per litre of water.

Nilgiris

Agro Advisory

Crop	Stage	Advisory
General	All the stage	As there is forecast moderate to heavy rainfall in next five days, sowing / planting may be undertaken using expected rainfall and spraying of chemicals may be avoided. Provide proper drainage in the field for excess water.
Potato	vegetative stage	Disease resistant potato variety kufri girdhari may be chosen for planting to avoid disease incidence during July monsoon period.
Vegetable crops	Vegetative stage	To control thrips and other sucking insect pest, foliar application of or Azadirachtin @ 2 ml/litre of water can be done.
Chow chow	Vegetative stage	Chow chow can be planted in 45cm pits, 6 ft x 8 ft spacing. Plant 3 sprouted fruits per pit after filling with 10 kg compost, 250 g urea, 500 g super phosphate and 500 g potash.
Medicinal plant	sowing	Using the expected rainfall, planting of Ooty-1 variety rosemary, thyme may be done.

SMS advisory

As there is forecast Light to moderate rainfall in next five days, Disease resistant potato variety kufri girdhari may be chosen for sowing / planting to avoid disease incidence during July monsoon period.

Ariyalur, Karur & Perambalur

Agro-meteorological Advisory • The prevailing weather condition favors reddening in cotton. To correct this problem apply 2 % MgSO₄, Urea 1 % and 0.1% ZnSO₄ as foliar spray. • To increase yield upto 20%, drought tolerance and decreases the flower shedding spray pulse wonder 2kg/acre in 200 litres of water at flowering stage. To control & decreases the button shedding in coconut, Give root feeding of the coconut tonic @ 200 ml/palm at 6 months interval. • Before monsoon ensure that cows and buffaloes were vaccinated against food and mouth disease. SMS advisory • To control & decreases the button shedding in coconut, Give root feeding of the coconut tonic @ 200 ml/palm at 6 months interval.

Nagapattinam, Thanjavur & Thiruvarur

Agro-meteorological Advisory • At active tillering stage of Kuruvai paddy, top dressing can be done with 35 kg urea and 10 kg MOP/acre by keeping thin film of water in the field. The prevailing weather condition favours reddening in cotton. To correct this problem apply 2 % MgSO₄, Urea 1 % and 0.1%

ZnSO₄ as foliar spray. • To control & decreases the button shedding in coconut, Give root feeding of the coconut tonic @ 200 ml/palm at 6 months interval. • Before monsoon ensure that cows and buffaloes were vaccinated against food and mouth disease. SMS advisory • To control & decreases the button shedding in coconut, Give root feeding of the coconut tonic @ 200 ml/palm at 6 months interval.

Dindigul

THUNDERSTORM WARNING: 06.07.2021 & 10.07.2021: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu. Chances of Moderate rain during the next five days. Max temp- 34°C-35°C & Min temp - 23°C-24°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SW direction.

Horticulture(Varieties)	Horticulture Specific Advisory
BLACK PEPPER	Due to the prevailing weather condition the incense of Mussel scale insects are expected in Pepper vine. The scale insects infect the plant by sucking the leaf tip and infected parts become yellowish and later dry up. Remove and destroy the infected plant parts. To control, in nurseries spraying neem oil 0.3% or Neemgold 0.3% or fish oil rosin 3.0% is also effective in controlling the pest infestation. Two sprays of Azadiractin 5000 ppm at 15 days interval after the incidence of scale insect.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	In this prevailing weather condition the farmers are advised to de-worm the animals for Tape worm and Round worm. De-worm the young goats, once in every month and it should be done upto 6th month. After that de-worming should be followed once in three months, ie., one before the onset of monsoon, another one during the monsoon and 2 doses of de-worming after the monsoon.

Madurai

THUNDERSTORM WARNING: 06.07.2021 & 10.07.2021: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu. Chances of light rain on 7, 8 Jul & Moderate rain during 9, 10, 11 Jul. Max temp- 35°C-36°C & Min temp - 23°C-25°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SW direction.

Crop(Varieties)	Crop Specific Advisory
RICE	Due to the prevailing weather condition the incense of Bacterial Leaf Blight in paddy. The symptoms appear during the 3rd to 4th week of planting. Spray fresh cow dung extract @ 20% twice (starting from initial appearance of the disease and another at fortnightly interval) and Neem oil 60 EC @ 3% (or) NSKE @ 5% is recommended for the control of sheath rot, sheath blight, grain discolouration and bacterial blight.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	In this prevailing weather condition the farmers are advised to de-worm the animals for Tape worm and Round worm. De-worm the young goats, once in every month and it should be done upto 6th month. After that de-worming should be followed once in three months, ie., one before the onset of monsoon, another one during the monsoon and 2 doses of de-worming after the monsoon.

Pudukottai

Extended Range Forecast For Tamil Nadu 11.07.2021 to 17.07.2021 (:During the Week from 11 th to 17 th july Normal Rainfall . maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu. Farmers should clean the drains and water bodies and carry out rainwater harvesting activities as rain is expected.

Crop(Varieties)	Crop Specific Advisory
TOMATO	Due to the prevailing weather conditions Mix 19:19:19: fertilizer at the rate 5 g/ 1 liter and spray it in tomato nursery.
RICE	Due to the prevailing weather conditions light rain expected coming days. Irrigation can be given in SRI paddy. Within 10-15 days after planting, irrigate the crop and remove the weeds with a Cono Weeder .
Crop(Varieties)	Crop Specific Advisory
RICE	Farmers who have been cultivating kuruvai season paddy have been able to control the pests that attack the paddy crop by cultivating pulses as a range crop and wendy as a vegetable crop. The life cycle of pests is affected and controlled by cultivating as a fallow crop. In addition, cultivating sunflower and centipede crops, which can produce yellow flowers, can attract and control pests that attack the primary crop. And these crops provide additional income and improve the economy.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Due to prevailing climatic conditions there will be possibility of Thanjavur Wilt. The progress of the disease is faster during July to November. Symptoms: Initial symptoms of Thanjavur Wilt start with yellowing and drooping of the outer whorl of leaves. This is followed by exudation of reddish brown liquid through cracks at the base of the trunk and oozing spread upwards. Decaying of tissues at bleeding point and rotting of the basal portion of the stem . Management : Aurefungin –sol @+ copper sulphate @ 1 g dissolved 100 ml water or hexaconzole @ 2 ml with 100 ml of water . applied as root feeding for 3 times at 3 months interval.
COCONUT	Due to the prevailing weather conditions, Weed management can be done in coconut. For the broad-leaved weeds, pre-emergence spraying of atrazine @1.0 kg a.i./ ha for the control of grasses and sedges. Post emergence spraying of glyphosate @ 10 ml and 20 g ammonium sulphate/litre of water.
Live Stock(Varieties)	Live Stock Specific Advisory

GOAT	Prevailing weather conditions for Enterotoxemia, vaccination the young Goat/ growing kids at 6 th month, vaccinate the animals once in a year before the onset of monsoon and at the time of Lambing stage of Goat.
COW	Due to high wind speed there will be increased impact of flies on livestock huts. Clean the hut thoroughly and spray with potassium permanganate solution three times a day.
Poultry(Varieties)	Poultry Specific Advisory
COCK	With the onset of the southwest monsoon season and its impact on Tamil Nadu, the chances of rain, day and night temperatures will decrease and wind speeds will increase. Due to this favorable conditions production in chickens can be done. Purchasing of fresh maize and other fodder products should be carried out with their nutrients and levels of fungi. This is because high levels of fungal toxins can weaken chickens and lead to disease.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Feed the newly planted horticultural crop trees with poles as the wind speed is likely to be high. Provide proper drainage facilities to prevent rain water stagnation.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	The southwest monsoon has started and it is currently raining widely in the districts of Tamil Nadu. With good rainfall so far, areas with low moisture content in the soil can be planted with low water content and drought tolerant Millet and horticultural crops such as vines can be grown.
GENERAL ADVICE	Due to the heavy rainfall over the last week and the continuous monsoon, the required rainfall is expected in due course. Farmers can plan to cultivate Fodder Cowpea with a minimum age of 50-55 days.

Ramanathapuram

From extended range forecast, Normal rainfall, Normal maximum temperature and minimum temperature expected for the period of July 11 to July 17 over Tamil Nadu. In dairy cattle along with concentrate feed 50gm of sodium bicarbonate helps to reduce acidosis and increase milk yield.

Crop(Varieties)	Crop Specific Advisory
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COTTON	Due to the prevailing weather condition incidence of mealy bug is expected in cotton. The damage symptoms are heavy clustering of mealy bugs usually seen under surface of leaves as a thick mat with waxy secretion and excrete copious amount of honey dew on which the fungus sooty mould grow Affected plants appear sick and black, resulting reduced fruiting capacity. If symptoms are observed in cotton field apply neem oil 2% or fish oil rosin soap 25g/liter of water or Profenophos 800ml/ac.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Due to the prevailing weather condition incidence of fruit borer is expected in brinjal. The damage symptoms withering of terminal shoots and dead hearts. Bore holes on shoots and fruits plugged with excreta. Shedding of flower buds. If symptoms are observed in the field spray any one of the following chemicals. Thiodicarb 75% WP 400g /ac or Quinalphos 25% EC 600ml/ac or Emamectin benzoate 5% SG 80g/ac
COCONUT	Due to the prevailing weather condition incidence of rogose whitefly is expected in coconut. High temperature, prolonged dry spell and low relative humidity is favourable for rugose whitefly multiplication. The damage symptoms are presence of heavy white waxy material and sticky honeydew on the under surface of leaves. Black sooty mold formation on the coconut leaves. If symptoms are observed in coconut tree Spray a jet of water forcibly on the under surface of the palm. Setting up of yellow sticky traps smeared with castor oil to a height of 5.5' @ 10/acre. Spraying with boiled maida flour paste @25g/liter of water. Sparaying of 5 ml of neem oil in one liter of water along with 1 ml of sandovit.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Due to prevailing weather condition, cattle are affected with tiredness, so that the cattle growers are advised to feed their calf with 30gms of mineral mixture per day. Also, deworm your calf in regular schedule with the support of nearby veterinarian.

Sivagangai

THUNDERSTORM WARNING: 06.07.2021 & 10.07.2021: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu. Chances of light rain on 7 Jul & Moderate rain on 9 Jul. Max temp- 36°C & Min temp - 24°C-25°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SW direction.

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Prevailing weather condition root lesion nematodes and root knot nematodes are expected in Banana. The nematodes infested banana tree shows stunting and yellowing of leaves, blackish or reddish lesions on the roots. Farmers are advised to apply FYM @10kg with neem cake 250 gm per tree and intercrop with marigold or sunhemp and in situ ploughing at the time of flowering. Apply liquid formulation of Pseudomonas fluorescence @ 2lit per ha. during

	2, 4 and 6 months after planting through drip irrigation.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	In this prevailing weather condition the farmers are advised to de-worm the animals for Tape worm and Round worm. De-worm the young goats, once in every month and it should be done upto 6th month. After that de-worming should be followed once in three months, ie., one before the onset of monsoon, another one during the monsoon and 2 doses of de-worming after the monsoon.

Theni

THUNDERSTORM WARNING: 06.07.2021 & 10.07.2021: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu. Chances of light to Moderate rain during next five days. Max temp- 30°C-34°C & Min temp - 22°C-24°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SW direction.

Horticulture(Varieties)	Horticulture Specific Advisory
ONION	Due to the prevailing weather condition the incense of Botrytis leaf blight is noticed in Onion. The symptoms are seen on the foliage with hundreds of white specks. The disease then spreads very rapidly and tops of the entire crop may be killed. Light infections do not affect yields but heavy infections causing major yield reductions. To control spray Propineb70%WP15gm +sticky agent 10ml with 10litres of water.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	In this prevailing weather condition the farmers are advised to de-worm the animals for Tape worm and Round worm. De-worm the young goats, once in every month and it should be done upto 6th month. After that de-worming should be followed once in three months, ie., one before the onset of monsoon, another one during the monsoon and 2 doses of de-worming after the monsoon.

Virudhunagar District

Crop/ Ecosystem	Stage / Activities	Advisories
Weather		Thunderstorm with light to moderate rain is likely to occur at a few places Day1 (06.07.21) and Day2 (07.07.21). Light rain is likely to occur at a few places on Day3 (08.07.21). 7-22 km/hr. of wind speed is predicted for block level.
Irrigated crops	Water management	Light rainfall is predicted next three days. Hence, postpone the irrigation for next three days. However, if the crop is under stress

		provide irrigation.
Plant protection		As the relative humidity is predicted to be high, disease incidence may emerge. So, farmers are advised to go for plant protection measures according to the crop after consulting with the Agricultural scientist.
Dry land cultivation	Crop residue recycling	In order to improve the soil quality recycles the residues of harvested crops of maize, sorghum and pulses. Use rotovator or rotoslasher for cutting the residues into small pieces and incorporate them into the soil.
Onion		Larval damage in onion: Spray chlorpyrifos 20EC @ 1.5 ml/ Lt of water.
Livestock protection	Cattle	Foot and Mouth Disease: Highly contagious viral disease of cattle, sheep, goat and pigs. Affected animals may exhibit the following symptoms. 1.Fever,2. Loss of appetite, 3. Drop in milk Yield 4. Blisters in foot &mouth, 5. Excessive salivation 6. Lameness. Treatment: 1. Isolation of affected animals 2. Antibiotic therapy to counteract secondary bacterial infections. 3. Rice gruel can be given to the affected animals. 4. The wounds should be washed with 1% KMNO ₄ . Solution followed by the application of Boric acid and glycerin paste. Prevention: 1. Regular vaccination can protect the animals from the disease. 2. Strict Bio-security measures should be followed.
	Poultry	Ranikhet Disease: viral disease of poultry affecting all ages of domestic fowl characterized by the rapid onset, respiratory signs, nervous signs and high mortality. The virus spread mainly through aerosol route and by Ingestion of contaminated feed and water. Prevention: Periodical vaccination should be followed. Poultry farmers can vaccinate their birds at nearby veterinary Dispensary where vaccination programme for Rainkhet disease in being carried out on every Saturday.
	Goat	PPR - Peste - des - petits Ruminants. Highly contagious viral disease of goats causes high mortality. Affected animals will have high fever, loss of appetite, foul smelling diarrhoea and discharge from eyes & Nose. Prevention & control measures: i. Regular vaccination can prevent the occurrence of the disease. ii. vaccination should be done to the kids above 3 months and should be repeated every year. iii. Affected animals should be treated separately. iv. wash the oral lesions with 1% KMNO ₄ solution V. Give soft feeds like Rice or Ragi gruel to the affected animals. Vi. Strict bio- security measure should be followed. vii. Animal's shed should be regularly disinfected with bleaching powder.

SMS: Rain: 07 to 09.07 - 5, 2, & 5 mm. Postpone the irrigation for next three days. Onion - Larval damage: Spray chlorpyrifos 20EC @ 1.5 ml/ Lt of water.

Tirunelveli District

Crop/ Ecosystem	Stage / Activities	Advisories
Weather		Thunderstorm with light to moderate rain is likely to occur at a few places on Day1 (06.07.21) and Day2 (07.07.21). Light rain is likely to occur at a few places on Day3 (08.07.21). 10-28 km/hr. block level wind speed is predicted.
Irrigated crops	Water management	Light to moderate rainfall is predicted next five days. Hence, postpone the irrigation for next three days. However, if the crop is under stress provide irrigation.
Plant protection		As the relative humidity is predicted to be high, disease incidence may emergence. So farmers are advised to go for plant protection measures according to the crop after consulting with the Agricultural scientist.
Rice	Tillering stage	Prevailed weather is conducive for Leaf folder. So farmers are advised to spray Azadirachtin 0.03% 1000ml/ha. (or) Chlorontrinirole 18.5%SC @ 150g/ha. (or) Thiamethoxam 25% WG @ 100g/ha. In the prevailing weather condition sucking pest - Thrips occurrence is noticed. Symptoms- 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. Spray Azadirachtin 0.15% W/W @1500-2500 g/ha. (or) Thiamethoxam 25% WG 100 g/ha.
Cotton	Vegetative stage	Prevailing weather is conducive for Aphids. To control spray Dimethoate 30 EC 500ml/ha (or) Azadirachtin 0.03% EC 500 ml/ha
Banana	Bunch development and harvest stage	High wind speed may damage the crop; hence farmers are requested to provide support to bunch (propping).
Dry land cultivation	Crop residue recycling	In order to improve the soil quality recycles the residues of harvested crops of maize, sorghum and pulses. Use rotovator or rotoslasher for cutting the residues into small pieces and incorporate them into the soil.

SMS: Rain: 07 to 11.07 - 10, 5, 10, 25 & 8 mm. Postpone the irrigation. However, if the crop is under stress provide irrigation. Cotton- Thrips - spray Dimethoate 30 EC 500ml/ha (or) Azadirachtin 0.03% EC 500 ml/ha.

Thoothukudi District

Crop/ Ecosystem	Stage / Activities	Advisories
Weather		Thunderstorm with light to moderate rain is likely to occur at a few places on Day1 (06.07.21) and Day2 (07.07.21). Light rain is likely to occur at a few places on Day3 (08.07.21).

		12-28 km/hr. wind speed is predicted for block level
Irrigated crops	Water management	Based on the receipt of rainfall on particular location, Irrigate the crop.
Dry land cultivation	Crop residue recycling	In order to improve the soil quality recycles the residues of harvested crops of maize, sorghum and pulses. Use rotovator or rotoslasher for cutting the residues into small pieces and incorporate them into the soil.
Banana	Bunch development and harvest stage	High wind speed may damage the crop; hence farmers are requested to provide support to bunch (propping).

SMS: Rain: 07. & 09.07.- 8 & 8 mm. Based on the receipt of rainfall on particular location, Irrigate the crop. Banana – wind speed 12-28 km/hr. – propping to be done.

Tamil Nadu		
Next five days	Weather Warning	Thunderstorm with Heavy rain is likely to occur at isolated places over Salem, Dharmapuri, Krishnagiri, Perambalur, Ariyalur, Pudukkottai and Delta districts. Thunderstorm with light to moderate rain is likely to occur at a few places over rest Tamilnadu, Puducherry and Karaikal on Day 1 (06.07.2021). Thunderstorm with Heavy rain is likely to occur at isolated places over Salem, Dharmapuri, Kallakurichi, Namakkal, Tiruchirapalli, Ariyalur and Perambalur districts. Thunderstorm with light to moderate rain is likely to occur at a few places over rest Tamilnadu, Puducherry and Karaikal on Day 2 (07.07.2021). Thunderstorm with Heavy rain is likely to occur at isolated places over Vellore, Ranipet and Tiruvannamalai districts. Thunderstorm with light to moderate rain is likely to occur at a few places over rest North Tamilnadu, Puducherry and Karaikal. Light rain is likely to occur at a few places over South Tamilnadu on Day 3 (08.07.2021). Thunderstorm with Light to moderate rain is likely to occur at isolated places over western Ghat (Nilgiris, Coimbatore, Theni, and Dindigul) districts. Probably Dry weather will prevail over rest Tamilnadu, Puducherry and Karaikal on Day 4 (09.07.2021) and Day 5 (10.07.2021).
	Heavy Rainfall Warning :	Day 1(06.07.2021): Thunderstorm with Heavy rain is likely to occur at isolated places over Salem, Dharmapuri, Krishnagiri, Perambalur, Ariyalur, Pudukkottai and Delta districts of Tamilnadu. Day 2(07.07.2021): Thunderstorm with Heavy rain is likely to occur at isolated places over Salem, Dharmapuri, Kallakurichi, Namakkal, Tiruchirapalli, Ariyalur and Perambalur districts of Tamilnadu. Day 3(08.07.2021): Thunderstorm with Heavy rain is likely to occur at isolated places over Vellore, Ranipet and Tiruvannamalai districts.
	Thunderstorm Warning:	Day 1(06.07.2021) & Day 5(10.07.2021) Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu.

Salem

Weather Advisory Bulletin for livestock, poultry and agro advisory

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot& DAMINI).		
Tapioca	Vegetative	In tapioca for the management of mealybugs, Follow the following recommendations: Clipping the terminal shoots Collection and destruction of mealybugs infested plants During Initial stages of infestation spray azadirachtin 0.15% EC @ 5 ml/lit. Or FORS @ 2ml/lit Need based application of insecticides viz.,flonicamide 50 WG @ 0.3 gm /lit or thiamethoxam 25 WG@ 0.5gm/lit or Spirotetramet 150 OD@ 1.25ml/lit in rotation. During application combining the insecticides should be avoided. Spray should be done on need basis using high volume sprayer, directing all parts of the plants, weeds and leaf litters in and around the field
Paddy	Vegetative	In paddy, for the management of rice leaf folder, spray Chlorantraniliprole 18.5% SC @ 150 ml/ha or Fipronil 80%WG @ 50-62.5 g/ha or Flubendiamide 39.35% M/M SC @ 50 ml/ha or Indoxacarb 15.8% EC @ 200 ml/ha orThiamethoxam 25% WG @ 100 g/ha.
Coconut	General	In coconut, for the management of Coconut Red Palm Weevil Setting up of attractant traps (mud pots) containing sugarcane molasses 2½ kg or toddy 2½ litres + acetic acid 5 ml + yeast 5 g + longitudinally split tender coconut stem/logs of green petiole of leaves of 30 numbers in one acre to trap adult red palm weevils in large numbers.Install pheromone trap @1/2 ha
Crops	General	Since light to moderate rainfall is expected in the forthcoming days, so during insecticide or herbicide spraying use sticking agent.
Cassava	Vegetative	In cassava, for the management of mealybugs spray profenophos 2ml/l tot thiamethoxam 0.6 gm/lit.
Livestock	General	Supplementation of 25-30 gram of mineral mixture to cattle provides essential minerals required for reproduction, and there by reduces the incidence of infertility in cattle.
		Daily fogging or aerosoling for adult mosquitoes may provide relief (over fogging causes breathing problem) , for effective control draining mosquito breeding sites are advised.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock,	Stage	Weather advisory
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poultry & Crop		
Livestock	General	<p>Control of tick infestations in livestock</p> <p>Ticks are considered as one of the economically important ectoparasites affecting the livestock. Tick infestations are usually more common during monsoon as microclimatic conditions (temperature, relative humidity) are favourable for breeding and survival of tick stages on the pasture. Besides causing direct injuries such as bite worry (irritation) and blood loss (0.5 – 2 ml / tick), they are involved in the transmission of various diseases viz., Theileriosis, Babesiosis and Anaplasmosis.</p> <p>Traditionally ticks are controlled through insecticide application by different methods. Insecticides viz. Cypermethrin / Deltamethrin is used at the concentration of 1 – 2ml / liter of water. Insecticides are applied by spraying, mopping and dipping depending upon the species of animals. It is important to note that animals must be allowed to take water to stomach full prior to insecticide application and it should be done during sunny part of the day. In addition, animal shed must be treated with insecticide at the concentration of 5 – 10 ml / liter of water.</p> <p>Insecticide Flumethrin is available in squeeze tube. It is applied on the dorsal aspect of the body from head to base of tail as a line.</p> <p>Ivermectin is available as parenteral as well as oral formulation @ 0.2 mg / kg b.wt.</p> <p>Insecticide / Acaricide treatment should be repeated after 21 days of first application so that ticks can be controlled successfully. Cracks and crevices in the shed should be closed.</p>
Ethno Veterinary Herbal Research Centre for Poultry, Namakkal		
Poultry	Adult birds	<p>Ethno Veterinary practices to control lice infestation in native chicken</p> <p>Take 10 sticks of Vasambu (<i>Acorus calamus</i>), powder it and mix with 5 litres of water and dip the affected hen sparing the head. The same ratio should be sprayed around the poultry pen to kill the nits.</p> <p>The procedure must be repeated after a week for complete eradication of lice.</p> <p>Brooding hens should not be dipped, instead vasambu powder can be mixed with equal quantity of ash and dusted all over the body.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Groundnut	Vegetative stage	Farmers are advised to apply gypsum @ 400 kg / hectare at 45 days after sowing of groundnut to improve the yield of groundnut under calcium deficient soil.
Crops	General	It is expected to receive moderate rainfall in the forthcoming days, so the farmers are requested to form bund around the field to harvest the rainfall in the field itself.
Tapioca	Vegetative stage	Mealy bug incidence was noticed in tapioca crop. Hence farmers are advised to do spraying of <i>Verticillium lecanii</i> @ 8 gram / litre of water for 2 times at 15 days interval.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Dharmapuri :		
Prevailing water condition may spoil openly stored dry fodders providing common salt and covering with tarpaulin sheets.		
Coconut	Vegetative	In coconut tree basins application coconut leaves and coir waste can help to prevent evaporation loss, so farmer can able to save water.
General	Advisory	Since rainfall is expected in the forthcoming days, use while doing during insecticide or herbicide spray sticking agent.
Tapioca	Vegetative	To control mealy bug in tapioca spraying of Neem oil @ 3% (or) 3ml/lit of water or release of Mealy bug parasitoid (<i>Acerophagus papayae</i>) @ 100 Nos/acre.
Groundnut	Flowering and Vegetative	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.
Livestock	General	In dairy cattle along with concentrate feed 50gm of sodium bicarbonate and yeast bolus supplementation helps to reduce acidosis and increase milk yield.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Control of tick infestations in livestock</p> <p>Ticks are considered as one of the economically important ectoparasites affecting the livestock. Tick infestations are usually more common during monsoon as microclimatic conditions (temperature, relative humidity) are favourable for breeding and survival of tick stages on the pasture. Besides causing direct injuries such as bite worry (irritation) and blood loss (0.5 – 2 ml / tick), they are involved in the transmission of various diseases viz., Theileriosis, Babesiosis and Anaplasmosis.</p> <p>Traditionally ticks are controlled through insecticide application by different methods. Insecticides viz. Cypermethrin / Deltamethrin is used at the concentration of 1 – 2ml / liter of water. Insecticides are applied by spraying, mopping and dipping depending upon the species of animals. It is important to note that animals must be allowed to take water to stomach full prior to insecticide application and it should be done during sunny part of the day.</p> <p>In addition, animal shed must be treated with insecticide at the</p>

		<p>concentration of 5 – 10 ml / liter of water.</p> <p>Insecticide Flumethrin is available in squeeze tube. It is applied on the dorsal aspect of the body from head to base of tail as a line.</p> <p>Ivermectin is available as parenteral as well as oral formulation @ 0.2 mg / kg b.wt.</p> <p>Insecticide / Acaricide treatment should be repeated after 21 days of first application so that ticks can be controlled successfully. Cracks and crevices in the shed should be closed.</p>
Ethno Veterinary Herbal Research Centre for Poultry, Namakkal		
Poultry	Adult birds	<p>Ethno Veterinary practices to control lice infestation in native chicken</p> <p>Take 10 sticks of Vasambu (Acorus calamus), powder it and mix with 5 litres of water and dip the affected hen sparing the head. The same ratio should be sprayed around the poultry pen to kill the nits.</p> <p>The procedure must be repeated after a week for complete eradication of lice.</p> <p>Brooding hens should not be dipped, instead vasambu powder can be mixed with equal quantity of ash and dusted all over the body.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Groundnut	Vegetative stage	Farmers are advised to apply gypsum @ 400 kg / hectare at 45 days after sowing of groundnut to improve the yield of groundnut under calcium deficient soil.
Crops	General	It is expected to receive moderate rainfall in the forthcoming days, so the farmers are requested to form bund around the field to harvest the rainfall in the field itself.
Tapioca	Vegetative stage	Mealy bug incidence was noticed in tapioca crop. Hence farmers are advised to do spraying of Verticillium lecanii @ 8 gram / litre of water for 2 times at 15 days interval.

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.			There are possibilities of moderate rainfall during the fourth coming five days. Maximum temperature will range from 30 - 31°C and minimum temperature will range from 24 - 25°C. Cloudy condition may prevail. The relative humidity will be 55 to 90 %. Wind speed may be 15 km / hr in West direction.
2.	Horticultural crops.	Planting stage.	As 15 km/hr wind speed is anticipated, it is advised to provide staking to newly planted horticultural plants.
3	Horticultural crops	Planting stage	Application of fertilizers and spraying of chemicals should be avoided.
4.	Banana	Harvesting stage	Harvested banana bunches should be stored in dry places to prevent disease incidence due to rainfall.

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.
6.	Tapioca	All stages	Drainage facilities have to be provided to prevent water logging as it invites pathogens.

SMS Advisory

Jack : Harvested fruits should be stored in dry places.

Pepper: Pepper rooted cuttings can be planted if there is sufficient soil moisture.

Karaikal

Weather based Agro-Advisories:

To prevent early shedding of buds and squares in cotton spray 40 ppm NAA (40 mg of Naphthalene Acetic Acid in one litre of water) at 60 and 90 DAS on the crops.

Nipping may be done at 15th node for variety and 20th node for hybrid cotton to induce sympodial branches development.

To manage Brinjal shoot borer, apply neem cake 200 kg/ha or spray Emamectin Benzoate 4% SG @ 0.4g/l

The prevailing weather conditions are favorable for the Babesiasis disease in cattle. High fever, dark coloured urine, less intake of feed and less milk yield are the symptoms of Babesiasis disease. If these symptoms appear in the cattle, contact nearby dispensary. As a preventive measure, apply Butox @ 2 ml/l of water on cattle and also spray it on the nearby areas of the cattle shed to control ectoparasites.

SMS advisory:

Light to moderate rain is likely to occur for next few days, farmers may postpone irrigation.

Puducherry

Weather based Agro-Advisories:

In Sugarcane, to manage mealy bug, spray Methyl Parathion 50 EC @ 2ml/l.

To manage shoot borer in sugarcane, soil application of Cartaphydrochloride 4G 10kg/hectare may be done.

In Sesame, to manage Jassids, apply Acetamiprid 20 SP @ 0.3g/l.

To manage capsule borer in Sesame spray neem seed kernel extract 5% or neem oil 3%.

To manage red mite in Cassava, apply Pongamia oil 1 ml/l or spray Propargite 1.5 ml and Sulphur 2.5 g/ l.

To manage Brinjal shoot borer, apply neem cake 200 kg/ha or spray Emamectin Benzoate 4% SG @ 0.4g/l.

The prevailing weather conditions are favorable for the Babesiasis disease in cattle. High fever, dark coloured urine, less intake of feed and less milk yield are the symptoms of Babesiasis disease. If these symptoms appear in the cattle, contact nearby dispensary. As a preventive measure, apply Butox @ 2 ml/l of water on cattle and also spray it on the nearby areas of the cattle shed to control ectoparasites.

SMS advisory:

Light to moderate rain is likely to occur for next few days, farmers may postpone irrigation.

BLOCK LEVEL FORECAST

NILGIRIS DISTRICT

Coonoor ,Gudalur, Kotagiri and Ooty Blocks

Agro Advisory

Crop	Stage	Advisory
General	All the stage	As there is forecast moderate to heavy rainfall in next five days, sowing / planting may be undertaken using expected rainfall and spraying of chemicals may be avoided. Provide proper drainage in the field for excess water.
Potato	vegetative stage	Disease resistant potato variety kufri girdhari may be chosen for planting to avoid disease incidence during July monsoon period.
Vegetable crops	Vegetative stage	To control thrips and other sucking insect pest, foliar application of or Azadirachtin @ 2 ml/litre of water can be done.
Chow chow	Vegetative stage	Chow chow can be planted in 45cm pits, 6 ft x 8 ft spacing. Plant 3 sprouted fruits per pit after filling with 10 kg compost, 250 g urea, 500 g super phosphate and 500 g potash.
Medicinal plant	sowing	Using the expected rainfall, planting of Ooty-1 variety rosemary, thyme may be done.

SMS advisory

As there is forecast Light to moderate rainfall in next five days, Disease resistant potato variety kufri girdhari may be chosen for sowing / planting to avoid disease incidence during July monsoon period.

