



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 064/2021

For the period 0830 IST, 10th August 2021 to
0830 IST, 15th August 2021

Issued on Tuesday, 10th August 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 06.08.21 to 09.08.21 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 31°C – 40°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 - 29°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)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	07.08.21, 08.08.21 & 09.08.21 07.08.21, 08.08.21 & 09.08.21	Tamil Nadu Puducherry
Isolated (Isolated Places)	06.08.21	Tamil Nadu
Dry	06.08.21	Puducherry

Chief Amounts of Rainfall (in cms):-

06.08.21 : Valparai Pto (dist Coimbatore), Chinnakallar (dist Coimbatore), Chincona (dist Coimbatore) 5 each, Sholayar (dist Coimbatore), Rasipuram (dist Namakkal), Harisan Estate (dist Nilgiris) 4 each, Upper Bhavani (dist Nilgiris), Avalanche (dist Nilgiris), Valparai Taluk Office (dist Coimbatore), Sirkali (dist Mayiladuthurai), Devala (dist Nilgiris), Valparai PAP (dist Coimbatore) 3 each, Naduvattam (dist Nilgiris), Glenmorgan (dist Nilgiris), Pandhalur (dist Nilgiris) 2 each, Vaniyambadi (dist Tirupattur), Vellore (dist Vellore), Srimushnam (dist Cuddalore), R.K.Pet (dist Tiruvallur), Thammampatty (dist Salem), Periyar (dist Theni), Kelambakkam (dist Chengalpattu), Ennore Aws (dist Tiruvallur), Sriperumbudur (dist Kancheepuram), Thekkadi (dist Theni), Alangayam (dist Tirupattur), Pollachi (dist Coimbatore), Uthukottai (dist Tiruvallur), Thirupporur (dist Chengalpattu), Katpadi (dist Vellore), Cholavaram (dist Tiruvallur), Tiruchengode (dist Namakkal), Chengalpattu (dist Chengalpattu), Ayikudi (dist Tenkasi), Emeraldad (dist Nilgiris), Poonamallee (dist Tiruvallur), Polur (dist Tiruvannamalai), Aliyar (dist Coimbatore) 1 each.

07.08.21 : Chinnakalar (dist Coimbatore) 8, Tirumayam (dist Pudukkottai), Vanur (dist Villupuram) , Cincona (dist Coimbatore) 4 each, Valparai PAP (dist Coimbatore) , Valparai Taluk Office (dist Coimbatore) , Valparai PTO (dist Coimbatore) , Sholayar (dist Coimbatore) , Sivaganga 3 each, Devala

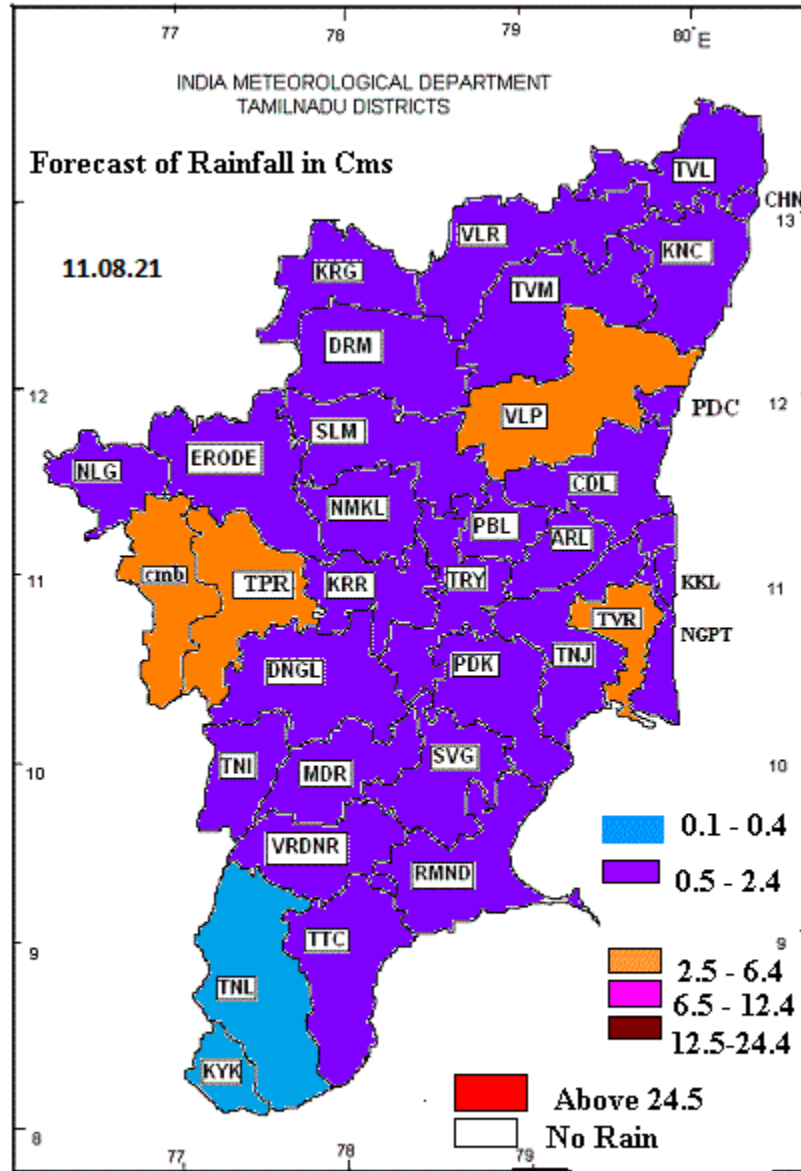
(dist Nilgiris), Gingee (dist Villupuram) , Mylam Aws (dist Villupuram) , G Bazar (dist Nilgiris) , Arimalam (dist Pudukkottai) , Pulipatti (dist Madurai) , Glenmorgan (dist Nilgiris) , Rasipuram (dist Namakkal) , Tirupathur (dist Sivaganga) , Thiruvudaimaruthur (dist Thanjavur) , Keelpennathur (dist Tiruvannamalai), upper gudalur (dist Nilgiris), Harison Estate (dist Nilgiris), Wood Braiyar Estate (dist Nilgiris) 2 each, Uthagamandalam (dist Nilgiris) , Pudukkottai (dist Pudukkottai) , Vilupuram (dist Villupuram) , Attur (dist Salem) , Marakkanam (dist Villupuram) , Periyar (dist Theni) , Naduvattam (dist Nilgiris) , Alangudi (dist Pudukkottai) , Omalur (dist Salem) , Aduthurai Aws (dist Thanjavur) , Thandampettai (dist Tiruvannamalai) , Denkanikottai (dist Krishnagiri) , Chengam (dist Tiruvannamalai) , Thali (dist Krishnagiri) , Arani (dist Tiruvannamalai) , Taramani Arg (dist Chennai) , Hosur (dist Krishnagiri) , Natham (dist Dindigul) , Arantangi (dist Pudukkottai) , Alangayam (dist Tirupattur) , Avalanche (dist Nilgiris) , Tiruvannamalai (dist Tiruvannamalai) , Tirupattur PTO 1 each.

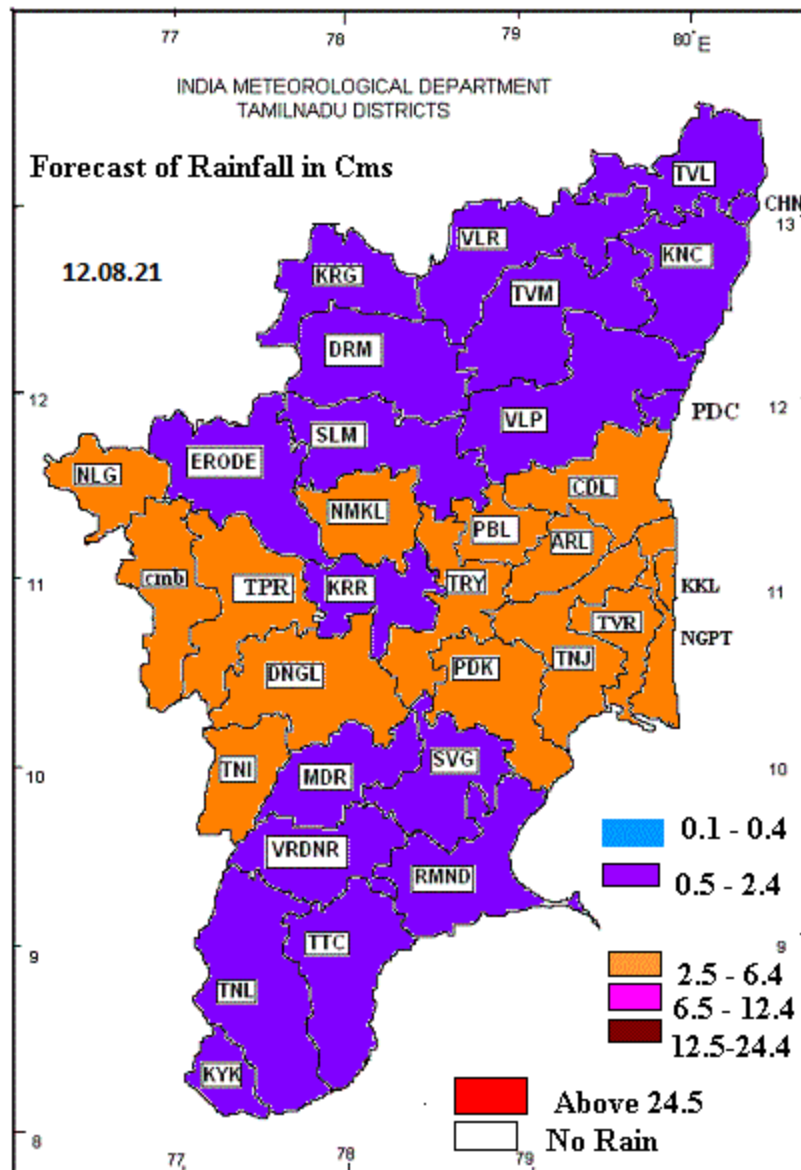
08.08.21 : Thanjavur DRMS (dist Thanjavur) 8, Bhavani (dist Erode), Wallajah (dist Ranipet), Thiruvudaimaruthur (dist Thanjavur) 6 each, Erode (dist Erode), Manjalaru (dist Thanjavur), Naduvattam (dist Nilgiris), Kumarapalayam (dist Namakkal), Kumbakonam (dist Thanjavur), Veppanthattai (dist Perambalur) 5 each, Thanjavur PTO (dist Thanjavur), Vellore (dist Vellore), Chinnakalar (dist Coimbatore), Andimadam (dist Ariyalur) 4 each, Annur (dist Coimbatore), Sankaridurg (dist Salem), Namakkal (dist Namakkal), Coonoor Pto (dist Nilgiris), Ammundi (dist Vellore), Ketti (dist Nilgiris), Sendurai (dist Ariyalur), Arimalam (dist Pudukkottai), Katpadi (dist Vellore), Mayiladuthurai (dist Mayiladuthurai), Valparai PTO (dist Coimbatore), G Bazar (dist Nilgiris), Thathiengrpet (dist Trichy), R.K.Pet (dist Tiruvallur), Vanamadevi (dist Cuddalore) , Upper Gudalur (dist Nilgiris), Braiyar Estate (dist Nilgiris) 3 each, Krishnagiri (dist Krishnagiri), Aduthurai Aws (dist Thanjavur), Perundururai (dist Erode), Manapparai (dist Trichy), Sholayar (dist Coimbatore), Avalanche (dist Nilgiris), Sholingur (dist Ranipet), Kulithalai (dist Karur), Nagapattinam (dist Nagapattinam), Glenmorgan (dist Nilgiris), Thanjai Papanasam (dist Thanjavur), Devala (dist Nilgiris), Pappireddipatti (dist Dharmapuri), Cincona (dist Coimbatore) , Pandhalur (dist Nilgiris) 2 each, Jayamkondam (dist Ariyalur), Tiruttani Pto (dist Tiruvallur), Labbaikudikadu (dist Perambalur), Karaikal (dist Karaikal), Periyar (dist Theni), Musiri (dist Trichy), Coonoor (dist Nilgiris), Sirkali (dist Mayiladuthurai), Kamudhi (dist Ramanathapuram), Emeralad (dist Nilgiris), Agaram Seegoor (dist Perambalur), Vadapudupattu (dist Tirupattur), Arcot (dist Ranipet), Parangipettai (dist Cuddalore), Valparai Taluk Office (dist Coimbatore), Thiruchuzhi (dist Virudhunagar), Tiruttani (dist Tiruvallur), Manamadurai (dist Sivaganga), Mettur (dist Salem), Nedungal (dist Krishnagiri), Tozhudur (dist Cuddalore), Pelandurai (dist Cuddalore), Anjatti (dist Krishnagiri), Tiruvadana (dist Ramanathapuram), Sriperumbudur (dist Kancheepuram), , Vandavasi (dist Tiruvannamalai), Ponnai Dam (dist Vellore), uthagamandalam DRMS(dist Nilgiris) 1 each.

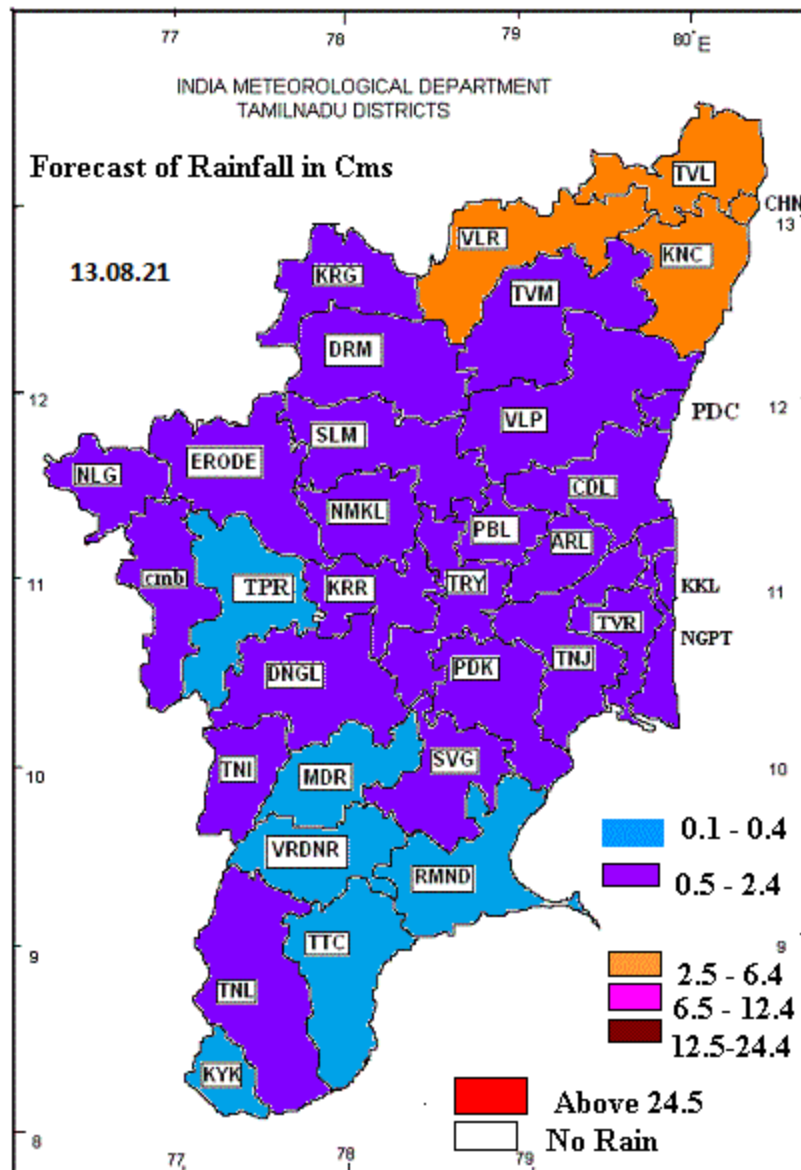
09.08.21 : Sholavandan (dist Madurai) 10, Palavidithi (dist Karur), Valparai PTO (dist Coimbatore), Pandhalur (dist Nilgiris), Harison Estate (dist Nilgiris) 7 each, Vadipatti (dist Madurai), Chinnakalar (dist Coimbatore), Musiri (dist Trichy), Cincona (dist Coimbatore) 6 each, Valparai Taluk Office (dist Coimbatore), Perundururai (dist Erode), Valparai PAP (dist Coimbatore), Andipatti (dist Madurai) 5 each, Sholayar (dist Coimbatore), Kulithalai (dist Karur) 4 each, Uthagamandalam (dist Nilgiris), Mettupatti (dist Madurai), Marungapuri (dist Trichy), Ketti (dist Nilgiris), Kadavur (dist Karur), Veeraganoor (dist Salem), Kodanadu (dist Nilgiris), Kallendri (dist Madurai) Thaluthalai (dist Perambalur), Ponnaniyar Dam (dist Thiruchirapalli) 3 each, Kothagiri (dist Nilgiris), Devala (dist Nilgiris), Attur (dist Salem), Chittar (dist Kanyakumari), Natrampalli (dist Tirupattur), Pechiparai (dist Kanyakumari), Odanchatram (dist Dindigul) 2 each, Perunchani Dam (dist Kanyakumari), Thuraiyur (dist Trichy), Panchapatti (dist Karur), Coonoor (dist Nilgiris), Dindigul (dist Dindigul), Madurai South (dist Madurai), Suralacode (dist Kanyakumari),

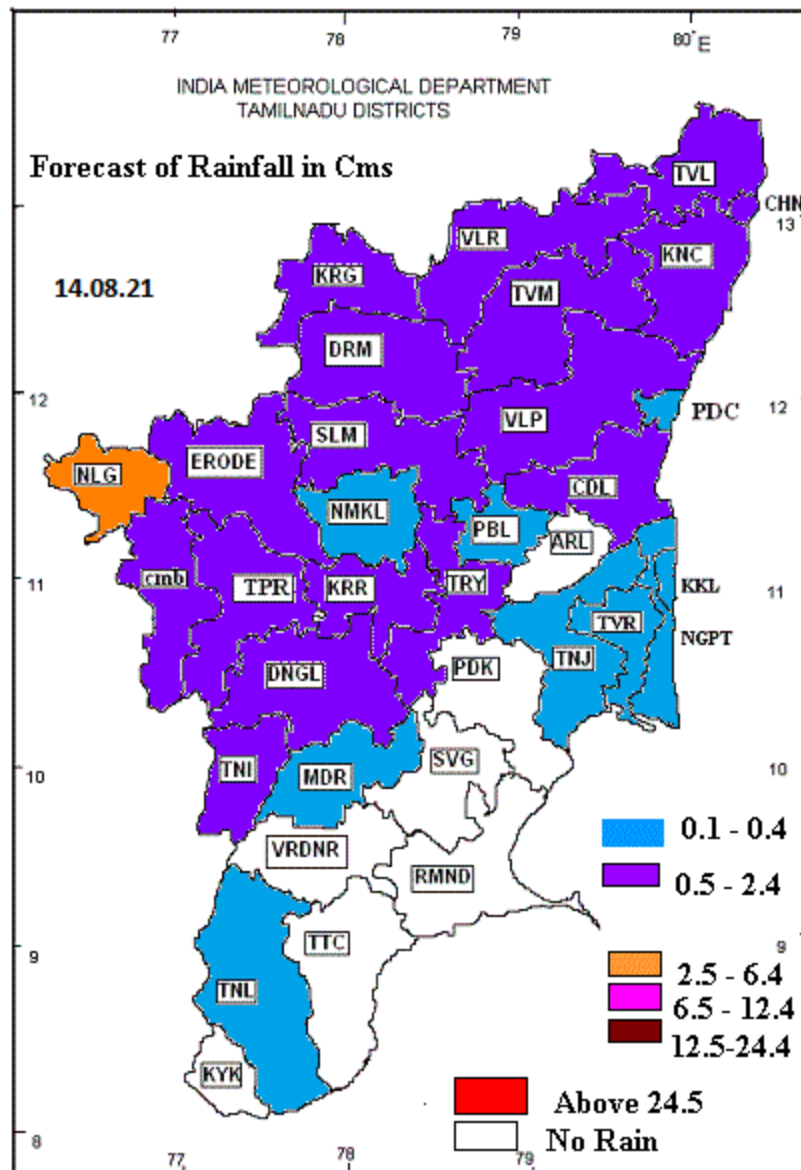
Shoolagiri (dist Krishnagiri), Avalanche (dist Nilgiris), Amaravathy Dam (dist Tiruppur), Kethandapatti (dist tirupathur), Pulivalam (dist Thiruchirapalli) 1 each.

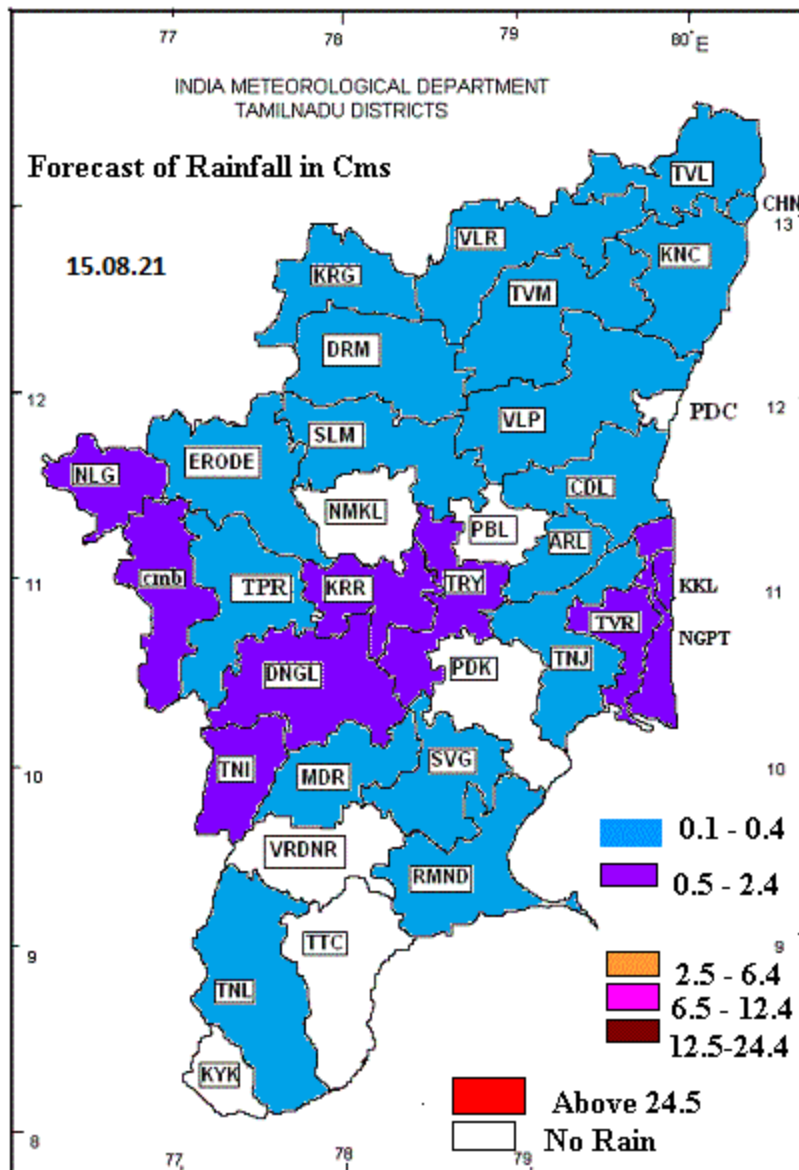
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 10.08.21
VALID FOR THE NEXT 5 DAYS**











Districtwise Agromet Advisories

Chennai

SMS Advisory: (10.08.2021-13.08.2021):

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

Livestock Advisory

1. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
2. The concentrated feed and dry fodder must be stored in water proof god-owns to prevent aflatoxin and mould development.
3. To prevent mortality due to thunder strike during very heavy rainfall with thunderstorm, grazing during heavy rainfall should be prevented.
4. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation.
5. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitry must be maintained damp free.
6. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.
7. To prevent the ammonia accumulation there must be in the big house, good ventilation.
8. The livestock should be given dipping ones in two month to prevent exoparasitic infestation.
9. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
10. 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

As per IMD Extended Range Forecast for the period of 15.08.2021 to 21.08.2021 Tamil Nadu & Pondicherry region may likely to receive normal rainfall. While preparing main field for samba rice crop before last ploughing farmers may apply each 1 kg of Azospirillum Phosphobacteria and Potassium solubilizing bacteria by mixing with 25-50 kg of well decomposed farm yard manure or vermicompost. Thunderstorm with heavy rain is likely to occur at isolated places over Kanchipuram and chengalpattu district of Tamilnadu on 14.08.2021.

Crop(Varieties)	Crop Specific Advisory
RICE	The forecasted weather may cause leaf folder and stem borer infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.
SUGARCANE	The forecasted weather may cause Woolly aphids infestation in sugarcane. For management farmers are advised to spray Dimethoate 30 EC 1.7 ml / lit, Oxydemeton methyl 25 EC 1.3 ml / lit.
RIDGE GOURD	There is Possibilities mosaic virus infestation in ridge gourd crops. Farmers are advised to spray any one of the systemic pesticide to control the vector.

CROSSANDRA	There are possibilities of sucking pest's infestation in Crossandra crop. For management farmers may spray any one of the systemic pesticide with the advice of Horticultural officer.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Farmers are advised to vaccinate their dairy animals against Foot and Mouth Disease in nearby veterinary dispensary wherever the disease incidence is prevalent.
GOAT	For Small ruminants farmers are advised to provide salt licks to improve the production. Avoid grazing of animals in fresh pastures to avoid infestation of Enterotoxaemia disease incidence among the small ruminants
Fisheries(Varieties)	Fisheries Specific Advisory
INLAND	By viewing the forecasted lower temperature and other weather condition, Fish farmers are advised to perform the model fish sampling to evaluate the health status of fish/prawns in ponds. Farmers are advised check the pond water transparency and maintain up to 30-45 cm, if dark colour of the pond water is observed water may be exchanged @ 10% or Agri-lime 100-200 kg/ha may be applied.
COMMON FISH	Farmers are advised to Due to rain forecasted ph of fish/ prawn pond is to be measured daily dolomite lime at 150 kg/ ha may be applied at a weekly interval. Fish pond feed is to be provided 1-3 % of fish oil at one time per day to feed enhanced as well as fat content supplements.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Poultry birds may be vaccinated against Ranikhet disease to avoid the disease incidence in veterinary dispensary. Farmers may provide B-complex supplementation to poultry birds to avoid stress in birds and to improve production.

Villupuram

SMS Advisory: (10.08.2021):

Thunderstorm with heavy rain is likely to occur at isolated places over Cuddalore, Villupuram, Mayiladuthurai and Nagapattinam districts.

Livestock Advisory:

1. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
2. The concentrated feed and dry fodder must be stored in water proof god-owns to prevent aflatoxin and mould development.
3. To prevent mortality due to thunder strike during very heavy rainfall with thunderstorm, grazing during heavy rainfall should be prevented.
4. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation.
5. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitry must be maintained damp free.

6. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.
7. To prevent the ammonia accumulation there must be in the big house, good ventilation.
8. The livestock should be given dipping ones in two month to prevent exoparasitic infestation.
9. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
10. 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. Prevailing weather condition is favourable for bacterial leaf blight infection in ricecrop. To control spray 20% fresh cow dung extract twice (starting from initial appearance of the disease and another at fortnightly interval) or spray twice copperhydroxide 77 WP @ 1.25 kg/ha 30 and 45 days after planting or spray streptomycinsulphate + tetracycline combination @ 300 g + copper oxychloride @c1.25 kg/ha. If necessary repeat 15 days later.
2. Due to prevailing weather condition leaf folder and stem borer infestation is identified in paddy crop. To manage the leaf folder and stem borer, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.

Sugarcane:

Mealy bug and pokkah boeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkah boeng 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.

Tapioca:

Prevailing weather condition is favourable for mealy bug infestation in tapioca crop. To control spray profenophos 2.0 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

Thiruvannamalai

SMS Advisory: (13.08.2021):

Thunderstorm with heavy rain is likely to occur at isolated places over Tirupattur, Tiruvannamalai, Tiruvallur, Kancheepuram and Chengalpattu districts.

Livestock Advisory:

1. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
2. The concentrated feed and dry fodder must be stored in water proof god-owns to prevent aflatoxin and mould development.
3. To prevent mortality due to thunder strike during very heavy rainfall with thunderstorm, grazing during heavy rainfall should be prevented.
4. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation.
5. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.
6. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.

7. To prevent the ammonia accumulation there must be in the big house, good ventilation.
8. The livestock should be given dipping ones in two month to prevent exoparasitic infestation.
9. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
10. 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. In the paddy planting field to apply Beautachlor for weed control 2.5 litre+25 Kg sand per hectare on the third day.
2. Prevailing weather condition is favourable for leaf folder incidence in rice. Hence farmers are requested to monitor the field and spray fipronil 2ml/litre.
3. Paddy thrips may be found in nursery field. To control this, spray acetamid @ 0.4g/litre.

Groundnut:

1. Prevailing weather is favorable for tikka leaf spot disease in groundnut. For controlling this spray Mancozeb @ 2g / litre.
2. During rainy season iron deficiency may be seen in groundnut. So, apply Feso4 1% @ 10ml /litre.

Coconut:

During rainy season, to control rhinoceros beetle in coconut setup light traps.

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.

Bhedi:

Setup pheromone trap @ 12/ha or spray Azadirachtin 0.03 % 5 g/litre to control bhendi fruit borer.

Rose:

Prevailing weather condition is favorable for black spot disease in rose. For controlling this disease spray, carbendazim @ 1 gm/lit twice at fortnight intervals.

Thiruvallur

From the extended range forecast, Normal rainfall and normal temperature expected for the period of 15th to 21st August over Tamil Nadu. Inward ring basin may be strengthened around fruit trees to harvest anticipated rainfall in the root zone. Since light to moderate rainfall is expected irrigation may be done according to soil moist.

Crop(Varieties)	Crop Specific Advisory
RICE	RICE-Vegetative Stage-1.Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litre of water ; 2.Bacterial leaf blight - Initial stages- spray twice copper hydroxide 77 WP 500g per acre in 200 litre of water and severe stage- Spray streptomycin + Tetracycline 120g + copper oxychloride 500g for one acre in 200 litre of water; 3.Leaf folder- Spray Azadirachtin 0.03% 400 ml 200 litres of water (Or) Spray NSKE 5 %; 4.Brown leaf Spot-Spray metominostrobin @ 200 ml per acre in 200 of water; after observing initial infection of the disease.
RICE	RICE- Flowering stage-1.False smut- Spray for Propiconazole 25 EC @ 200 ml/acre; (or) Copper hydroxide 77 WP @ 500g /acre at boot leaf and 50% flowering stages.

RICE	RICE- Harvesting stage-1. Ear head bug -Spray Neem seed kernel extract 5%; 2.farmers are advice to harvest the mature crop immediately and maintain 8-12% moisture content for safe storage.
SUGARCANE	Sugarcane- Inter nodes borer- Release egg parasitoid, Trichogramma chilonis at the rate of @ 2.5 cc / release / acre. at 15 days 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.
OKRA/ LADYFINGER	Bhendi/Okra-Seed Treatment- Seed treatment with Trichoderma viride @ 4 g/kg of seeds and again with 400 g of Azospirillum using starch as adhesive and dried in shade for 30 minutes.
SUGARCANE	Groundnut-leaf miner-spray Methyl demeton 25 EC 1000 ml per acre in 200 litres of water ; and Set up light trap between 8 to11 pm at ground level.
Horticulture(Va rieties)	Horticulture Specific Advisory
CHILLI	Chilli- Damping Off- Treat the seeds with Trichoderma viride @ 4 g / kg or Pseudomonas fluorescens @ 10 g /kg of seeds treat with 24 hours before sowing.
BRINJAL	Brinjal- Damping Off- Treat the seeds with Trichoderma viride @ 4 g / kg or Pseudomonas fluorescens @ 10 g /kg of seeds treat with 24 hours before sowing.

Vellore

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be receive normal rainfall and below normal temperature for the period of 15.08.2021 to 21.08.2021. Prevailing weather condition is favorable for pest and disease incidence for all crops. Farmers are advised to monitor their field and take necessary plant protection measures based on symptoms of damage. Protect dry paddy straw and sorghum straw from raining and subsequent fungal contamination. If so, avoid feeding them to cow. Light to moderate rainfall may be expected on forthcoming days. So, temporarily avoid fertilizer application, insecticides or pesticides spray and provide drainage to lowland areas.

Crop(Varieties)	Crop Specific Advisory
RICE	Prevailing weather condition is favorable for leaf folder incidence in rice. Hence farmers are requested to monitor the field and spray azadirachtin 0.03% 100ml/ha.
GROUNDNUT	Farmers may spray groundnut rich 2kg/acre in 200 liter of water in flowering/ podding stage. Apply gypsum @400 kg/ha by the side of the plants on 40-70th day depending upon soil moisture.
JASMINE	Prevailing weather condition is favorable for budworm incidence in jasmine. For controlling this, apply spinosad @ 0.5 ml/litre.
OKRA/ LADYFINGER	Prevailing weather condition is favorable for yellow mosaic virus in bhendi crop. To control this, spray thiamethoxam 25%WG 2g/litre.
Horticulture(Va rieties)	Horticulture Specific Advisory
TOMATO	Prevailing weather condition is favorable for wilting in tomato crop. To control this, drenching with Copper oxychloride 2.5g/litre.

BRINJAL	To control shoot borer/ fruit borer, spray Azadirachtin 1% EC (10000 ppm) 3ml/litre or Flubendiamide 20WDG 7.5g/10 litre.
PAPAYA	To control mealy bug attack in papaya spray neem oil 2% or neem seed kernel extract @ 5%.
COCONUT	To control rhinoceros beetle in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown.
GUAVA	To control fruit fly in guava use methyl eugenol lure trap (4/acre) to monitor and kill adults of fruit flies or apply neem oil 3%.
TURMERIC	Prevailing weather condition is favorable for Rhizome rot in turmeric. To control this, drenching with copper oxy chloride (0.25%) in and around affected plants in soil.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Protect the dairy cows and calves from rain. Clean the udder with water before and after during milking. Treat the animal if there is mastitis, deteriorated milk from udder.
GOAT	Shelter the sheep and goat at raised area to avoid flood.
Poultry(Varieties)	Poultry Specific Advisory
HEN	Respiratory distress and cold may due to raining and chillness. So give ENROCIN BH 1ml per litre of drinking water for four days.

Cuddalore

From extended range forecast, Normal rainfall, Below Normal maximum temperature and Normal minimum temperature expected for the period of 15th to 21th August 2021 over Tamil Nadu. Light to Moderate rainfall will be expected in the forthcoming days, so during insecticide or herbicide spraying use sticking agent.

Crop(Varieties)	Crop Specific Advisory
RICE	Due to prevailing weather condition leaf folder and stem borer infestation is identified in paddy crop. To manage the leaf folder and stem borer, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.
SUGARCANE	Mealy bug and pokkah boeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkah boeng 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.
GROUNDNUT	Due to prevailing weather condition changes of groundnut leaf miner infection. To control spray Dimethiate 30 EC 660 ml/ha or methyl demeton 25% EC 1000 ml/ha with 500 lit of water.
MAIZE	Prevailing weather condition is favorable for fall army worm infestation in maize crop. To control spray spinetoram 0.5 ml/litre or chlorantraniliprole 18.5 SC @ 0.4 ml/liter water.
Horticulture(Varieties)	Horticulture Specific Advisory

CHILLI	To control the damping of infection in Chilli treat seeds with Trichoderma viride @ 4 g / kg or bacillus subtilis @ 10 g /kg of seeds treat with 24 hours before sowing.
BRINJAL	To control the damping of infection in brinjal treat seeds with Trichoderma asperellum @ 4 g / kg or bacillus subtilis @ 10 g /kg of seeds treat with 24 hours before sowing.
TAPIOCA	1. Prevailing weather condition is favourable for mealy bug infestation in tapioca crop. To control spray Flonicamid 50 WG or Spirotetramat 150 OD (250 ml/l) or Chloropyrifos (2.0 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

Agro Advisory

Crop	Stage	Advisory
General		Thunderstorm with moderate rainfall is likely to occur at isolated places over Western Ghats. Provide adequate drainage to recently sown crops. Wind speed of 20 km/hour is expected, hence provide adequate support to banana and sugarcane. Anticipating the good rainy season, create proper drainage channel to drain the water safely from the field.
Rice	Tillering	Since the wind speed is more than 20 km/hr, postpone the top dressing of nitrogen to 30 days old transplanted rice.
Maize	Sowing & Vegetative	Irrigated maize crop at 30 days old may be top dressed with urea 55kg and 12kg MOP/ acre after weeding.
Sugarcane	Vegetative	Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall. Considering the anticipated rainfall, second top dressing with 85 kg Urea + 25 kg Potash / acre may be given to late season planted cane, followed by earthing up. With the past weather and wet spell, there is deficiency of iron noticed in late season planted cane of black soil. Repeated spray of 1% ferrous sulphate + 1% urea solution, once in 15 days is recommended.
Cotton	Sowing	By utilizing past and anticipated rainfall land preparation may be initiated for irrigated cotton to be sown on August 15. By utilizing expected rainfall gap filling or raised seedlings in polyethylene bag may be planted to maintained optimum plant population.
Tomato	Nursery	Damping off disease is observed in tomato nursery due to conducive weather. To control, drenching with Copper oxychloride at 2.5 g/lit @ 4 lit/sqm is recommended.
Gourds Vegetable	Land preparation	This is the best time for take-up sowing gourds like snake gourd, bitter gourd and other cucurbits.

Turmeric	Vegetative	In turmeric crop at 60 days, apply second topdressing with 50 kg of urea and 30kg of muriate of potash. Since relative humidity and wind speed are above the threshold level, leaf spot disease in turmeric may appear. To control, spray 500 g Carbendazim or 1000g Mancozeb or 1250g copper oxy chloride per hectare to be dissolved in 500 litres of water during non rainy days.
Animal		Due to high relative humidity, animals may have more thirst for water. Hence, provide adequate drinking water to animals. Due to high wind speed feed material of poultries may be drifted hence hanging of gunny bags at the borders of the shed to reduce the wind speed. Maximum temperature is more than 32°C, electrolytes or mineral mix in poultry and animal feeds may be added to increase the feed intake. Since rain fall is expected, drain the stagnated water in and around the cattle and poultry sheds.

SMS advisory

Damping off disease is observed in tomato nursery due to conducive weather. Drenching with Copper oxychloride at 2.5 g/lit @ 4 lit/sqm is recommended.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Thunderstorm with moderate rainfall is likely to occur at isolated places over Western Ghats. Provide adequate drainage to recently sown crops. Wind speed of 15 km/hour is expected, hence provide adequate support to banana and sugarcane. Anticipating the good rainy season, create proper drainage channel to drain the water safely from the field.
Rice	Tillering	Since the wind speed is more than 15 km/hr, postpone the top dressing of nitrogen to 30 days old transplanted rice.
Maize	Sowing & Vegetative	Irrigated maize crop at 30 days old may be top dressed with urea 55kg and 12kg MOP/ acre after weeding.
Sugarcane	Vegetative	Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall. Considering the anticipated rainfall, second top dressing with 85 kg Urea + 25 kg Potash / acre may be given to late season planted cane, followed by earthing up. With the past weather and wet spell, there is deficiency of iron noticed in late season planted cane of black soil. Repeated spray of 1% ferrous sulphate + 1% urea solution, once in 15 days is recommended.
Tomato	Nursery	Damping off disease is observed in tomato nursery due to conducive weather. To control, drenching with Copper oxychloride at 2.5 g/lit @ 4 lit/sqm is recommended.
Gourds Vegetable	Land preparation	This is the best time for take-up sowing gourds like snake gourd, bitter gourd and other cucurbits.

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.
Turmeric	Vegetative	In turmeric crop at 60 days, apply second topdressing with 50 kg of urea and 30kg of muriate of potash. Since relative humidity and wind speed are above the threshold level, leaf spot disease in turmeric may appear. To control, spray 500 g Carbendazim or 1000g Mancozeb or 1250g copper oxy chloride per hectare to be dissolved in 500 litres of water during non rainy days.
Animal	CET	Due to high relative humidity, animals may have more thirst for water. Hence, provide adequate drinking water to animals. Due to high wind speed feed material of poultries may be drifted hence hanging of gunny bags at the borders of the shed to reduce the wind speed. Maximum temperature is more than 32 °C, electrolytes or mineral mix in poultry and animal feeds may be added to increase the feed intake. Since rain fall is expected, drain the stagnated water in and around the cattle and poultry sheds.

SMS advisory

Damping off disease is observed in tomato nursery due to conducive weather. Drenching with Copper oxychloride at 2.5 g/lit @ 4 lit/sqm is recommended.

Tiruppur

Agro Advisoy

Crop	Stage	Advisory
General		Thunderstorm with moderate rainfall is likely to occur at isolated places over Western Ghats. Provide adequate drainage to recently sown crops. Wind speed of 15 km/hour is expected, hence provide adequate support to banana and sugarcane. Anticipating the good rainy season, create proper drainage channel to drain the water safely from the field.
Rice	Tillering	Since the wind speed is more than 15 km/hr, postpone the top dressing of nitrogen to 30 days old transplanted rice.
Maize	Sowing & Vegetative	Irrigated maize crop at 30 days old may be top dressed with urea 55kg and 12kg MOP/ acre after weeding.
Sugarcane	Vegetative	Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall. Considering the anticipated rainfall, second top dressing with 85 kg Urea + 25 kg Potash / acre may be given to late season planted cane, followed by earthing up. With the past weather and wet spell, there is deficiency of iron noticed in late season planted cane of black soil. Repeated spray of 1% ferrous sulphate + 1% urea solution, once in 15 days is recommended.
Cotton	Sowing	By utilizing past and anticipated rainfall land preparation may be initiated for irrigated cotton to be sown on August 15.

		By utilizing expected rainfall gap filling or raised seedlings in polyethylene bag may be planted to maintained optimum plant population.
Tomato	Nursery	Damping off disease is observed in tomato nursery due to conducive weather. To control, drenching with Copper oxychloride at 2.5 g/lit @ 4 lit/sqm is recommended.
Gourds Vegetable	Land preparation	This is the best time for take-up sowing gourds like snake gourd, bitter gourd and other cucurbits.
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.
Animal		Due to high relative humidity, animals may have more thirst for water. Hence, provide adequate drinking water to animals. Due to high wind speed feed material of poultries may be drifted hence hanging of gunny bags at the borders of the shed to reduce the wind speed. Maximum temperature is more than 32°C, electrolytes or mineral mix in poultry and animal feeds may be added to increase the feed intake. Since rain fall is expected, drain the stagnated water in and around the cattle and poultry sheds.

SMS advisory

Damping off disease is observed in tomato nursery due to conducive weather. Drenching with Copper oxychloride at 2.5 g/lit @ 4 lit/sqm is recommended.

Nilgiris

Agro Advisory

Crop	Stage	Advisory
General	All the stage	Next five days heavy rainfall expected at isolated places. Growers are advised to spray or drench Copper Oxy Chloride @ 2g/l to control the spread of disease.
		Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops.
		To increase the phosphorus mobilization in soil, soil application Phosphobacteria @ 2 kg/ha can be applied during basal application along with farm yard manure.
Garlic crop	Vegetative stage	In Garlic crop, Ammonium Sulphate can be used instead of urea to avoid rubberisation disorder in Garlic.
Plantation crops		Using the expected rainfall, planting of Ooty-1 variety rosemary, thyme may be done

Cattle		Due to prevailing weather condition, livestock are likely to be affected with infectious diseases. Hence, cattle rearing farmers are advised to feed their adult cattle with 50 gm of mineral mixture per day and provide an extra concentrate at the rate of 1 kg should be provided for every 2 to 2.5 liters of milk yield
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SMS advisory

Next five days heavy rainfall expected at isolated places. Growers are advised to spray or drench Copper Oxy Chloride @ 2g/l to control the spread of disease.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Thiruvarur

Agro-meteorological Advisory • Dry seeding of long duration rice varieties viz., CR 1009/Savithri/Ponmani and ADT 50 may be taken up using the expected rainfall. • Due to prevailing weather the white fly infestation may occur in cotton. To control white fly in cotton, Spray profenophos 50% EC 1000ml/ha. For preparing samba nursery, apply 400 kg of well decomposed FYM or compost in an area of 8 cent nursery for planting 1 acre. Applications of 2 kg DAP/cent is recommended. • Farmers are advised to vaccinate their dairy animals against Foot and Mouth Disease in nearby veterinary dispensary wherever the disease incidence is prevalent. SMS advisory • Dry seeding of long duration rice varieties viz., CR 1009/Savithri/Ponmani and ADT 50 may be taken up using the expected rainfall.

Thiruchirapalli

Tamilnadu's average rainfall is likely to be decrease than the normal during this week (11.08.2021 to 17.08.2021) From 2.92 mm to 4.04 mm. Light to moderate rainfall will be expected in the forthcoming days, proper drainage may be provided to the crops to avoid water logging condition.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Due to prevailing weather leaf spot incidence may occur in blackgram. To control leaf spot spray mancozeb at 1000 g / ha at the initiation of the disease and 10 days later.
RICE	Due to prevailing weather thrips infestation may occur in paddy at nursery stage. To control thrips infestation spray thiamethoxam 25% WG 4g
COTTON	Due to prevailing weather the white fly infestation may occur in cotton. To control white fly in cotton, Spray profenophos 50% EC 1000ml/ha.
GROUNDNUT	Due to prevailing weather leaf spot disease may occur in groundnut. To control this disease spray mancozeb @1000 g/ha.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	To control & decreases the button shedding in coconut, Give root feeding of the coconut tonic @ 200 ml/palm at 6-month interval. Coconut tonic (Rs. 310 / litre) available at KVK, Sirugamani, Trichy – 115. Contact: 6381186765.
TAPIOCA	To control mealy bug in tapioca, Release of mealy bug parasitoid (<i>Acerophagus papayae</i>) @100 Nos./acre.
BANANA	Light to heavy wind/gust speed will expected in forthcoming days so farmers are advised to save the banana crop by using stacking method with casuarina poles.

Live Stock(Varieties)	Live Stock Specific Advisory
COW	To avoid mastitis disease in milching animals use potassium permanganate for cleaning the udder before and after milking.
GOAT	Pneumonia in goats – Fever, Respiratory distress, Mucous discharge from nostril, Reduced feed intake & Weight gain and Cough. Remedial measures: Provide clean water and ventilated house.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Due to high wind speed feed material of poultries may be drifted hence hanging of gunny bags at the borders of the shed to reduce the wind speed.

Dindigul

Heavy Rainfall Warning: Heavy rain is likely to occur at isolated places over the district on 13th & 14th Aug 2021. 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. THUNDERSTORM WARNING: 10.08.2021 to 13.08.2021: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu. Keep your Livestock / Animals safely in the shelters. Chances of Moderate rain during 11, 12, 14 Aug & light rain on 13, 15 Aug. Max temp- 35°C-36°C & Min temp -23°C-24°C. Generally cloudy sky for next 5 days. Wind speed 10 kmph from W direction.

Horticulture(Varieties)	Horticulture Specific Advisory
Drumstick	Due to the prevailing weather condition the incidence of Bud worm is expected in Moringa. This Larva bores into flower buds and causes shedding. Collect affected buds and destroy the flower and buds. To control spray Neem oil @ 35ml + Sticky agent @ 10ml with 10litres of water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Prevailing weather there may be diarrhoea in Poultry. Care the diseased birds separately. Medicating the drinking water with 2gm Microsol or Bactrisol + 5ml Vimrol Syrup / 1lt of water. Medicated water should be given for 5 days during morning and evening time.

Madurai

Thunderstorm with moderate rain is likely to occur at isolated places over the district on 12th, 13th & 14h Aug 2021.

THUNDERSTORM WARNING: 10.08.2021 to 13.08.2021: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu. Keep your Livestock / Animals safely in the shelters. Chances of Moderate rain during 11, 12 Aug & light rain on 13 Aug. Max temp- 35°C-36°C & Min temp -24°C-25°C. Generally cloudy sky for next 5 days. Wind speed 10 kmph from W direction.

Horticulture(Varieties)	Horticulture Specific Advisory
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CHILLI	Due to the prevailing weather condition the occurrence of Yellow murenae mite in Chilly. The symptoms appear on leaves and petioles. The leaves curl downward and crinkled. Leaves seen with elongated petiole and stunted growth. To control spray sulphur WP 6gm or Ethion 50% EC@ 4ml/lit of water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Prevailing weather there may be diarrhoea in Poultry. Care the diseased birds separately. Medicating the drinking water with 2gm Microsol or Bactrisol + 5ml Vimrol Syrup / 1lt of water. Medicated water should be given for 5 days during morning and evening time.

Sivagangai

Thunderstorm with moderate rain is likely to occur at isolated places over the district on 12th, 13th & 14th Aug 2021.

THUNDERSTORM WARNING: 10.08.2021 to 13.08.2021: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu. Keep your Livestock / Animals safely in the shelters. Chances of Moderate rain during 11, 12 Aug & light rain on 13 Aug. Max temp- 35°C-36°C & Min temp -23°C-25°C. Generally cloudy sky for next 5 days. Wind speed 10 kmph from W direction.

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Due to current weather the incidence of spotted beetle may expected in Brinjal. The symptoms of damage are found in leaves. The beetles are scrapping of chlorophyll. It leads to skeletonization and drying of leaves. To control collect the damaged leaves with grubs, egg masses and destroy them. And spray Cartap hydro chloride @ 35gm per tank.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Prevailing weather there may be diarrhoea in Poultry. Care the diseased birds separately. Medicating the drinking water with 2gm Microsol or Bactrisol + 5ml Vimrol Syrup / 1lt of water. Medicated water should be given for 5 days during morning and evening time.

Theni

Heavy Rainfall Warning: Heavy rain is likely to occur at isolated places over the district on 11th, 13th & 14th Aug 2021. 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.

THUNDERSTORM WARNING: 10.08.2021 to 13.08.2021: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu. Keep your Livestock / Animals safely in the shelters. Chances of Moderate rain during 11, 12, 14 Aug & light rain on 13, 15 Aug. Max temp- 32°C & Min temp -22°C-23°C. Generally cloudy sky for next 5 days. Wind speed 10 kmph from W direction.

Crop(Varieties)	Crop Specific Advisory
RICE	Since farmers are waiting for rainfall and planning for sowing/planting, for the paddy nursery raised in the low nutrient soil, it is best to apply the DAP to the

	seedlings, 10 days before transplanting. Transplanting within 10days will give good results.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Prevailing weather there may be diarrhoea in Poultry. Care the diseased birds separately. Medicating the drinking water with 2gm Microsol or Bactrisol + 5ml Vimrol Syrup / 1lt of water. Medicated water should be given for 5 days during morning and evening time.

Virudhunagar District

Crop/ Ecosystem	Stage / Activities	Advisories
Block level Weather forecast		Thunderstorm with light to moderate rain is likely to occur at a few places on Day 3 (13.08.2021) and Day 4 (14.08.2021). Thunderstorm with light to moderate rain is likely to occur at many places on Day 2 (12.08.2021). Light rain is likely to occur at isolated places on Day 5 (15.08.2021). 7-15 km/hr. of wind speed is predicted for block level.
Irrigated crops	Water management	Postponed irrigation for next three days. However, based on the crop stage and stress level crop may be irrigated.
Onion		The prevailing high wind speed is conducive for easy spread of purple blotch diseases, foliar spray either Mancozeb or ridomil @2 gm /litre of water to control diseases
Livestock protection	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.

SMS: Rain: 11,12 &13.08.2021 – 5, 8 & 2 mm.. Postponed irrigation for next three days. Onion - purple blotch diseases, foliar spray either Mancozeb or ridomil @2 gm /litre of water.

Tirunelveli District

Crop/ Ecosystem	Stage / Activities	Advisories
Block level Weather forecast		Thunderstorm with light to moderate rain is likely to occur at a few places on Day 1 (11.08.2021), Day 3 (13.08.2021) and Day 4 (14.08.2021). Thunderstorm with light to moderate rain is likely to occur at many places on Day 2 (12.08.2021). Light to moderate rain is likely to occur at a few places on Day 5 (15.08.2021).

		14-29 km/hr. block level wind speed is predicted.
Irrigated crops	Water management	Postponed irrigation for next five days. However, based on the crop stage and stress level crop may be irrigated.
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.
Rice	Tillering stage to panicle initiation stage	Prevailed weather is conducive for Leaf folder. So farmers are advised to spray Azadirachtin 0.03% 1000ml/ha. (or) Chlorantriliniprole 18.5%SC @ 150g/ha. (or) Thiamethoxam 25% WG @ 100g/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: 11.08.201 to 15.08.2021- 2,10,8,2&2mm. Postponed irrigation for next five days. Rice- Leaf folder. spray Azadirachtin 0.03% 1000ml/ha. (or) Chlorantriliniprole 18.5%SC @ 150g/ha.

Thoothukudi District

Crop/ Ecosystem	Stage / Activities	Advisories
Block level Weather forecast		Thunderstorm with light to moderate rain is likely to occur at a few places on Day 1 (11.08.2021), Day 3 (13.08.2021) and Day 4 (14.08.2021). Thunderstorm with light to moderate rain is likely to occur at many places on Day 2 (12.08.2021). Light to moderate rain is likely to occur at a few places on Day 5 (15.08.2021). 13-27 km/hr. wind speed is predicted for block level
Irrigated crops	Water management	Postponed irrigation for next three days. However, based on the crop stage and stress level crop may be irrigated.
Paddy	Vegetative to Tillering stage	The prevailing weather condition is conducive for incidence of Stem borer. Spray Azadirachtin 0.03% 1000 ml/ha (or) Carbofuran% 3 G @25 kg/ha (or) Chlorantraniliprole 18.5% SC 150 ml/ha.
Groundnut	Vegetative stage	The prevailing weather condition is conducive for incidence of Thrips. Apply Quinalphos 25%EC 1400 ml/ha. The prevailing weather condition is conducive for incidence of leaf miner. Apply Dimethiate 30 EC 660 ml/ha (or) Methyl demeton 25% EC 1000 ml/ha
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).
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SMS: Rain: 11,12&13.08.2021– 6,8,&2 mm. Postponed irrigation for next three days. Paddy- Stem borer.
- Chlorantraniliprole 18.5% SC 150 ml/ha.

Tamil Nadu		
Next five days	Weather Warning	<p>Heavy rain is likely to occur at isolated places over Nilgiris and Coimbatore districts. Thunderstorm with heavy rain is also likely to occur at isolated places over Erode, Krishnagiri, Tirupattur, Cuddalore, Villupuram Mayiladuthurai and Nagapattinam districts. Thunderstorm with light to moderate rain is likely to occur at a few places over rest north Tamil Nadu, south coastal Tamil Nadu, Puducherry and Karaikal area on Day 1 (11.08.2021).</p> <p>Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore and Theni districts. Thunderstorm with heavy rain is also likely to occur at isolated places over Ariyalur, Perambalur, Salem, Namakkal and Delta districts. Thunderstorm with light to moderate rain is likely to occur at many places over rest Tamil Nadu, Puducherry and Karaikal area on Day 2 (12.08.2021).</p> <p>Thunderstorm light to moderate rain is likely to occur at a few places over Tamil Nadu, Puducherry and Karaikal area on Day 3 (13.08.2021).</p> <p>Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Theni and Dindigul districts. Thunderstorm with heavy rain is also likely to occur at isolated places over Salem, Tirupattur, Vellore, Tiruvannamalai, Tiruvallur, Kancheepuram and Chengalpattu districts. Thunderstorm with light to moderate rain is likely to occur at a few places over rest Tamil Nadu, Puducherry and Karaikal area on Day 4 (14.08.2021).</p> <p>Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Theni and Dindigul districts. Light to moderate rain is likely to occur at a few places over coastal Tamil Nadu and adjoining interior Tamil Nadu. Light rain is likely to occur at isolated places over rest Tamil Nadu on Day 5 (15.08.2021).</p>
	Heavy Rainfall Warning	<p>Day 1(10.08.2021): Heavy rain is likely to occur at isolated places over Nilgiris and Coimbatore districts Thunderstorm with heavy rain is also likely to occur at isolated places over Erode, Krishnagiri, Tirupattur, Cuddalore, Villupuram, Mayiladuthurai and Nagapattinam districts. Day 2(11.08.2021): Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore and Theni districts. Thunderstorm with heavy rain is also likely to occur at isolated places over Ariyalur Perambalur, Salem, Namakkal and Delta districts. Day 4(13.08.2021): Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Theni and Dindigul districts. Thunderstorm with heavy rain is also</p>

		likely to occur at isolated places over Salem, Tirupattur, Tiruvannamalai, Tiruvallur, Kancheepuram and Chengalpattu districts. Day 5(14.08.2021): Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Theni and Dindigul districts.
	Thunderstorm Warning	Day 1(10.08.2021) to Day 4(13.08.2021): Thunderstorm with lightning is likely to occur at isolated places over Tamil Nadu.
Extended range of forecast		2021-08-15 to 2021-08-21 – rainfall is predicted to be normal.

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.			There are possibilities of rainfall on 11.08.21, 12.08.21 and 13.08.21. Maximum temperature will be around 31°C and minimum temperature will be around 25°C. Cloudy condition may prevail. The relative humidity will be 50 to 85 %. Wind speed may be 10 - 20 km / hr in West direction.
2.	Horticultural crops	Young plants	Irrigate the newly planted fruit trees and tree spices due to low rainfall.
3	Papaya	Harvest stage	To prevent post-harvest disease of rhizopus rot spray mancozeb @ 2g/liter of water before harvest.
4.	Jasmine	Vegetative stages	Apply 10 g of Phorate granules near root zone and irrigate to control the nematode pest.
5.	Pepper	Planting stage	Prophylactic spray of Metalaxyl + Mancozeb @ 2 g/litre is to be done for Pepper to control Foot rot.
6.	Ginger	Vegetative stage	Spray Dimethoate 30 EC @ 2 ml/litre or Phosphamidon 40 SL @ 2 ml/litre to manage the shoot borer.
7.	Rice	Vegetative stage	Spraying of chlorphriphos 20% E C @ 1.25 lit/ha to control the stem borer attack in rice.

SMS Advisory

Rice : Spraying of chlorphriphos 20% E C @ 1.25 lit/ha to control the stem borer attack in rice.

Salem

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Pulses	Sowing	Sowing of the pulses and millets can be taken up by utilising the expected rainfall
Maize	Vegetative	In maize (15 -20 days) to control fall army worm spray

		Chlorantraniliprole 18.5 SC- 4ml/ 10 lit (or flubendimide 20 WG – 5 gm/ 10 lit) of water in whorl region using hand sprayer.
Cotton	Vegetative	In cotton at vegetative stage for the management of sucking pest spray acetamiprid 50 sp @ 50gm / ha or imidacloprid 17 sl @ 125 ml / ha.
Citrus	Vegetative	Prevailing weather condition is suitable for the incidence of canker in leaf and fruits of citrus. The application of copper oxy chloride @0.2% and streptomycin sulphate @ 1 gm/lit of water is recommended. For the incidence of mite in citrus fruits, propargite @ 1ml/lit of water is advisable.
Groundnut	Vegetative	In groundnut, the incidence of leaf miner will be observed, for which chlorpyrifos 20 EC@ 2.5 ml /lt or Acephate 75 SP @ 2 gm / lt of water is recommended.
Small onion	Vegetative	In small onion, Thrips are seen mostly so, clean cultivation, regular hoeing. Flooding of infested field will check the thrips population.
Tapioca	Vegetative	The incidence of mealy bug will be noted during this weather condition. The mealy bug incidence may be managed by application of Thiodicarb 75 WP @ 5gm/lit or acephate 75 SP 1 gm /lt of water is recommended.
Poultry	Young	During brooding of young chicks in brooder, artificial heat should be given by using incandescert bulb at the rate of 2 watt / chick. Silpaulins / tarpaulins should be placed on either side of poultry house to prevent entry of rain water inside the shed.
Livestock	Cattle	In rainy season management practices should be followed to prevent stagnation of water in cattle shed. The floor of cattle shed should be clean and dry. Potassium permanganate solution should be used for washing of udder and hands of milkman before and after milking to prevent mastitis.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, poultry & Crop	Stage	Weather advisory
Sheep	Young and Adult	Blue tongue disease Blue tongue disease is a major viral disease of sheep causing economic loss to the sheep farmers and is prevalent throughout, Tamil Nadu. To prevent the disease blue tongue vaccine is available in India. In Tamil Nadu, if the sheep are given the complete vaccination requirement including booster vaccination before August mid week. Timely vaccination is important to prevent blue tongue disease. Hence sheep above 3 months of age should be vaccinated during July and booster (second) vaccination to be given 28 days after the first vaccination. The booster vaccination should be completed before August 2nd week. This should be followed by annual vaccination.
Poultry	General	For the next three days around Namakkal and its surrounding areas in Namakkal district, there is a good chance for light rains with moderate winds. In this

		scenario, the feed intake will be normal in layers. However, due to high cost of soybean meal and other proteinaceous cakes, farmers and feed millers use non – conventional feed ingredients replacing soybean meal. One such ingredient is groundnut cake which should be used only after testing it for aflatoxin B1 level which should be < 100 ppb. The materials with > 100 ppb aflatoxin B1 should be avoided or used at low inclusion level. All other protein cakes should be routinely tested for protein, urea, fibre and sand/silica before inclusion in the feed.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Vegetables	Sowing period	It is expected to receive rainfall in the forthcoming days. Hence the farmers are requested to plan for sowing / transplanting of Aadi season or Kharif season vegetables (Tomato, Brinjal, Chilli, Cucurbits, Bhendi etc). Apply well decomposed farm yard manure @ 500 kg / acre along with 1 kg of Trichoderma viride, Bacillus, Azospirillum, and Phosphobacteria to enrich the soil microflora before sowing.
Turmeric	Vegetative stage	Turmeric farmers are requested to apply 200 kg of well decomposed farm yard manure along with each 5 kg Azospirillum, Phosphobacteria and Trichoderma viride by using current rainfall for an acre of land to prevent rhizome rot and to improve the crop growth.
Banana	Six month old	It is expected to increase the wind speed in forthcoming days. So the banana growers are requested to do propping operation in banana plants with bamboo or casurina pole.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Dharmapuri :		
Coconut	All	To control button shedding in coconut trees, give root feeding of TNAU coconut tonic @ 200ml/tree 6 months interval.
Onion	Vegetative	In onion thrips problem spraying of spinosad 0.5 ml/lit or fipronil 1.5 ml/ lit is advised.
Chilli	Vegetative	In chillithrips problem spraying of spinosad 0.5 ml/lit or fipronil 1.5 ml/ lit is advised.
Livestock	General	Livestock and poultry should be free from ectoparasites, so remove once in 3 months.
		Goat should be fed with 4kg green fodder CO5/COFS 31 along with 3kg agathi/subabul/valimasal with 400gram Azolla supplementation.
		Haemolactia (blood in milk) in cow managed with daily feeding of 500g of Moringa leaves and lemon per day for two days .

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, poultry & Crop	Stage	Weather advisory
Sheep	Young and Adult	<p>Blue tongue disease</p> <p>Blue tongue disease is a major viral disease of sheep causing economic loss to the sheep farmers and is prevalent throughout, Tamil Nadu. To prevent the disease blue tongue vaccine is available in India. In Tamil Nadu, if the sheep are given the complete vaccination requirement including booster vaccination before August midweek. Timely vaccination is important to prevent blue tongue disease. Hence sheep above 3 months of age should be vaccinated during July and booster (second) vaccination to be given 28 days after the first vaccination. The booster vaccination should be completed before August 2nd week. This should be followed by annual vaccination.</p>
Poultry	General	<p>For the next three days around Namakkal and its surrounding areas in Namakkal district, there is a good chance for light rains with moderate winds. In this scenario, the feed intake will be normal in layers. However, due to high cost of soybean meal and other proteinaceous cakes, farmers and feed millers use non – conventional feed ingredients replacing soybean meal. One such ingredient is groundnut cake which should be used only after testing it for aflatoxin B1 level which should be < 100 ppb. The materials with > 100 ppb aflatoxin B1 should be avoided or used at low inclusion level. All other protein cakes should be routinely tested for protein, urea, fibre and sand/silica before inclusion in the feed.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Vegetables	Sowing period	<p>It is expected to receive rainfall in the forthcoming days. Hence the farmers are requested to plan for sowing / transplanting of Aadi season or Kharif season vegetables (Tomato, Brinjal, Chilli, Cucurbits, Bhendi etc). Apply well decomposed farm yard manure @ 500 kg / acre along with 1 kg of Trichoderma viride, Bacillus, Azospirillum, and Phosphobacteria to enrich the soil microflora before sowing.</p>
Turmeric	Vegetative stage	<p>Turmeric farmers are requested to apply 200 kg of well decomposed farm yard manure along with each 5 kg Azospirillum, Phosphobacteria and Trichoderma viride by using current rainfall for an acre of land to prevent rhizome rot and to improve the crop growth.</p>
Banana	Six month old	<p>It is expected to increase the wind speed in forthcoming days. So the banana growers are requested to do propping operation in banana plants with bamboo or casurina pole.</p>

Karaikal

Weather based Agro-Advisories

Seeds of green manure crops like sithagathi or daincha or manila agathi @ 50 kg/ha may be sown and incorporated at pre flowering stage. Long duration varieties like CR 1009, ADT 50 and KKLR 1 may be adopted for ensuing Samba season. 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 Babesiosis 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:

Showers likely to be light to moderate for next five days. Hence, farmers may postpone irrigation.

Puducherry

Weather based Agro-Advisories

In groundnut, to manage tikka leaf spot disease, spray Mancozeb @ 2 g/ litre. 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. For tapioca, cassava mosaic disease (CMD) resistant variety, Sree padmanabha may be grown till 31st July. To manage CMD in tapioca, spray 3% neem oil or methyl dematon 2ml/lit or Dimethoate 1ml/lit or Acetamiprid 0.3g/l. The prevailing weather conditions are favorable for the Babesiosis disease in cattle. High fever, dark coloured urine, less intake of feed and less milk yield are the symptoms of Babesiosis 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:

Showers likely to be light to moderate for next four days. Hence, farmers may postpone irrigation.

BLOCK LEVEL FORECAST

Kanyakumari District

Agastiswaram Block

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Coconut	All stages	Green manure crops sown in the coconut basin or in the interspace of coconut gardens have to be incorporated into the soil if they have attained 50% flowering.

Killiyoor Block

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Papaya	Harvest stage	To prevent post-harvest disease of rhizopus rot spray mancozeb @ 2g/liter of water before harvest.

Kurunthancode Block

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Horticultural crops	All stages	Irrigation should be given to fruit trees, spices, vegetables and other horticultural crops.

Melpuram Block

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Coconut	Juvenile period, pre-bearing and bearing	If the damage due to mite is noticed, root feeding may be done with Azadiractin 50% formulation 7.5 ml in 7.5 ml water.

Munchirai Block

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Banana	Shooting	High wind Speed (24 to 28 km/hr) is anticipated it is advised to provide mechanical support to banana crop to avoid lodging.

Rajakkamangalam Block

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Horticultural crops	Planting stage	Farmers are requested to take up planting operations, especially vegetable crops like chilies, brinjal, gourd, banana and perennial crops.

Thackalai Block

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
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1.	Clove and Cinnamon	All stages	Avoid moisture loss by the application of mulching in clove and cinnamon field through farm waste materials.
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Thiruvattar Block

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Horticultural crops	All stages	Irrigation should be given to fruit trees, Spices, Vegetables and other horticultural crops.

Thovalai Block

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Horticultural crops	All stages	Irrigation should be given to fruit trees, Spices, Vegetables and other horticultural crops.

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 than the normal during this week (11.08.2021 to 17.08.2021) From 2.92 mm to 4.04 mm. Light to moderate rainfall will be expected in the forthcoming days, proper drainage may be provided to the crops to avoid water logging condition.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Due to prevailing weather leaf spot incidence may occur in blackgram. To control leaf spot spray mancozeb at 1000 g / ha at the initiation of the disease and 10 days later.
RICE	Due to prevailing weather thrips infestation may occur in paddy at nursery stage. To control thrips infestation spray thiamethoxam 25% WG 4g
COTTON	Due to prevailing weather the white fly infestation may occur in cotton. To control white fly in cotton, Spray profenophos 50% EC 1000ml/ha.
GROUNDNUT	Due to prevailing weather leaf spot disease may occur in groundnut. To control this disease spray mancozeb @1000 g/ha.
Horticulture(Varieties)	Horticulture Specific Advisory

COCONUT	To control & decreases the button shedding in coconut, Give root feeding of the coconut tonic @ 200 ml/palm at 6-month interval. Coconut tonic (Rs. 310 / litre) available at KVK, Sirugamani, Trichy – 115. Contact: 6381186765.
TAPIOCA	To control mealy bug in tapioca, Release of mealy bug parasitoid (<i>Acerophagus papayae</i>) @100 Nos./acre.
BANANA	Light to heavy wind/gust speed will expected in forthcoming days so farmers are advised to save the banana crop by using stacking method with casuarina poles.

NILGIRIS DISTRICT

Coonoor, Gudalur, Kotagiri and Ooty Blocks

Agro Advisory

Crop	Stage	Advisory
General	All the stage	Next five days heavy rainfall expected at isolated places. Growers are advised to spray or drench Copper Oxy Chloride @ 2g/l to control the spread of disease.
		Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops.
		To increase the phosphorus mobilization in soil, soil application Phosphobacteria @ 2 kg/ha can be applied during basal application along with farm yard manure.
Garlic crop	Vegetative stage	In Garlic crop, Ammonium Sulphate can be used instead of urea to avoid rubberisation disorder in Garlic.
Plantation crops		Using the expected rainfall, planting of Ooty-1 variety rosemary, thyme may be done
Cattle		Due to prevailing weather condition, livestock are likely to be affected with infectious diseases. Hence, cattle rearing farmers are advised to feed their adult cattle with 50 gm of mineral mixture per day and provide an extra concentrate at the rate of 1 kg should be provided for every 2 to 2.5 liters of milk yield

SMS advisory

Next five days heavy rainfall expected at isolated places. Growers are advised to spray or drench Copper Oxy Chloride @ 2g/l to control the spread of disease.

