



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 086/2021

For the period 0830 IST, 26th October 2021 to
0830 IST, 31st October 2021

Issued on Tuesday, 26th October 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 22.10.21 to 25.10.21 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 29°C – 37°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 17°C – 22°C during the period.

Minimum temperature of range 21°C - 27°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 10°C - 11°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	--	--
Fairly widespread (Many places)	22.10.21 & 25.10.21	Tamil Nadu
Scattered (Few Places)	23.10.21 & 24.10.21 24.10.21 & 25.10.21	Tamil Nadu Puducherry
Isolated (One or Two Places)	--	--
Dry	22.10.21 & 23.10.21	Puducherry

Chief Amounts of Rainfall (in cms):-

22.10.21 : Amaravathy Dam (dist Tiruppur) 10, Gingee (dist Villupuram), Aravakurichi (dist Karur), Thirumoorthy Dam (dist Tiruppur) 7 each, Kamatchipuram (dist Dindigul), Kannimar (dist Kanyakumari), Madathukulam (dist Tiruppur) 6 each, Veerapandi (dist Theni), Paramathivelur (dist Namakkal), Ariyalur (dist Ariyalur), K.Paramathi (dist Karur), Vedasandur (dist Dindigul), Kothavacherry (dist Cuddalore) 5 each, Kovilpatti (dist Toothukudi), Salem (dist Salem), Uttamapalayam (dist Theni), Thiruvidaimaruthur (dist Thanjavur), Arakonam (dist Ranipet), Gobichettipalayam (dist Erode) 4 each, Tiruchengode (dist Namakkal), Bhoothapandy (dist Kanyakumari), Rasipuram (dist Namakkal), Edapadi (dist Salem), Vembakottai (dist Virudhunagar), Periyar (dist Theni), Bhavani (dist Erode), Suralacode (dist Kanyakumari), Kodavasal (dist Tiruvarur), Bodinaickanur (dist Theni), Udumalpet (dist Tiruppur), Cheyyar (dist Tiruvannamalai), Kovilpatti Aws (dist Toothukudi) 3 each, Pappireddipatti (dist Dharmapuri), Panchapatti (dist Karur), Perunchani Dam (dist Kanyakumari), Erode (dist Erode), Tondi (dist Ramanathapuram), Poonamallee (dist Tiruvallur), Rajapalayam (dist Virudhunagar), Kodaikanal (dist Dindigul), Sankarankoil (dist Tenkasi), Red Hills (dist Tiruvallur), Kodumudi (dist Erode), Pechiparai (dist Kanyakumari), Vattanam (dist Ramanathapuram), Mudukulatur (dist Ramanathapuram), Ramanathapuram (dist Ramanathapuram), Kayathar (dist Toothukudi), Chinnakalar (dist Coimbatore), Manjalaru (dist Thanjavur), Kancheepuram (dist Kancheepuram) 2 each, Perambur (dist Chennai),

Chittampatti (dist Madurai), Puduchatram (dist Namakkal), Upper Bhavani (dist Nilgiris), Kumarapalayam (dist Namakkal), Tiruvadanaï (dist Ramanathapuram), Perundurai (dist Erode), Pulipatti (dist Madurai), Nanguneri (dist Tirunelveli), Mayanur (dist Karur), Valparai Pto (dist Coimbatore), Thalavadi (dist Erode), Karaikudi (dist Sivaganga), Thuvakudi IMTI (dist Trichy), Kayathar Arg (dist Toothukudi), Kamudhi (dist Ramanathapuram), Devakottai (dist Sivaganga), Tuticorin (dist Toothukudi), Sholayar (dist Coimbatore), Sivakasi (dist Virudhunagar), Kurinjipadi (dist Cuddalore), Thanjai Papanasam (dist Thanjavur), Manamelkudi (dist Pudukkottai), Anjatti (dist Krishnagiri), Karur (dist Karur), Valangaiman (dist Tiruvarur), Thiruchuzhi (dist Virudhunagar), Srivilliputhur (dist Virudhunagar), Pollachi (dist Coimbatore), Kadaladi (dist Ramanathapuram), Melur (dist Madurai), Peravurani (dist Thanjavur), R.S.Mangalam (dist Ramanathapuram), Sankaridurg (dist Salem), Pandavaiyar Head (dist Tiruvarur), Sivaganga (dist Sivaganga), Sendamangalam (dist Namakkal), Arimalam (dist Pudukkottai), Mandapam (dist Ramanathapuram), Kollidam (dist Mayiladuthurai), Omalur (dist Salem), Mulanur (dist Tiruppur), Gudalur (dist Theni) 1 each.

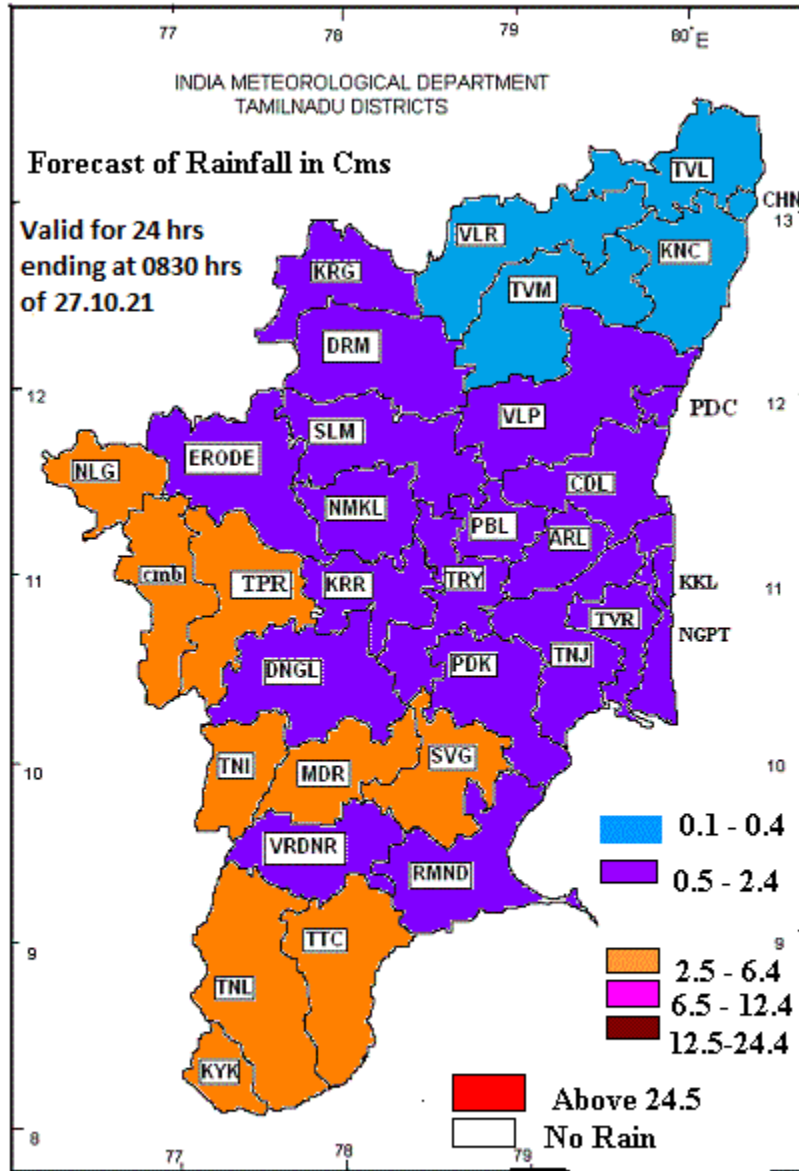
23.10.21 : Perundurai (dist Erode) 9, Sathanur Dam (dist Tiruvannamalai) 6, Annur (dist Coimbatore), Edapadi (dist Salem), Uthukuli (dist Tiruppur), Musiri (dist Trichy) 5 each, Erode (dist Erode), Bhavanisagar (dist Erode), Polur (dist Tiruvannamalai), Sankarapuram (dist Kallakurichi), Rasipuram (dist Namakkal) 4 each, Ennore AWS (dist Tiruvallur) Chengam (dist Tiruvannamalai), Tiruvannamalai (dist Tiruvannamalai), Kumarapalayam (dist Namakkal), Kulithalai (dist Karur), Kothagiri (dist Nilgiris), Gobichettipalayam (dist Erode), Thathiengarpet (dist Trichy), Kodaikanal (dist Dindigul) 3 each, Ariyalur (dist Ariyalur), Krishnarayapuram (dist Karur), Suler (dist Coimbatore), Attur (dist Salem), Kallakurichi (dist Kallakurichi), Periyar (dist Theni), Coonoor Pto (dist Nilgiris), Mayanur (dist Karur), Denkanikottai (dist Krishnagiri), Karur (dist Karur), Illuppur (dist Pudukkottai), Mettur (dist Salem), Sankaridurg (dist Salem), Peelamedu Ap (dist Coimbatore) 2 each, Thandampettai (dist Tiruvannamalai), Sathyamangalam (dist Erode), Bhavani (dist Erode), Ramanathapuram (dist Ramanathapuram), Shoolagiri (dist Krishnagiri), Annavasal (dist Pudukkottai), Thuraiyur (dist Trichy), Tiruppur (dist Tiruppur), Nagapattinam (dist Nagapattinam), Tirupattur Pto (dist Tirupattur), Ayyampettai (dist Thanjavur), Tirupattur (dist Tirupattur), Krishnagiri (dist Krishnagiri), Hogenekal (dist Dharmapuri), Erumaipatti (dist Namakkal), Thammampatty (dist Salem), Lalgudi (dist Trichy), K Bridge (dist Nilgiris), Sattur (dist Virudhunagar), Coonoor (dist Nilgiris), Mannargudi (dist Tiruvarur), Kamudhi (dist Ramanathapuram) 1 each.

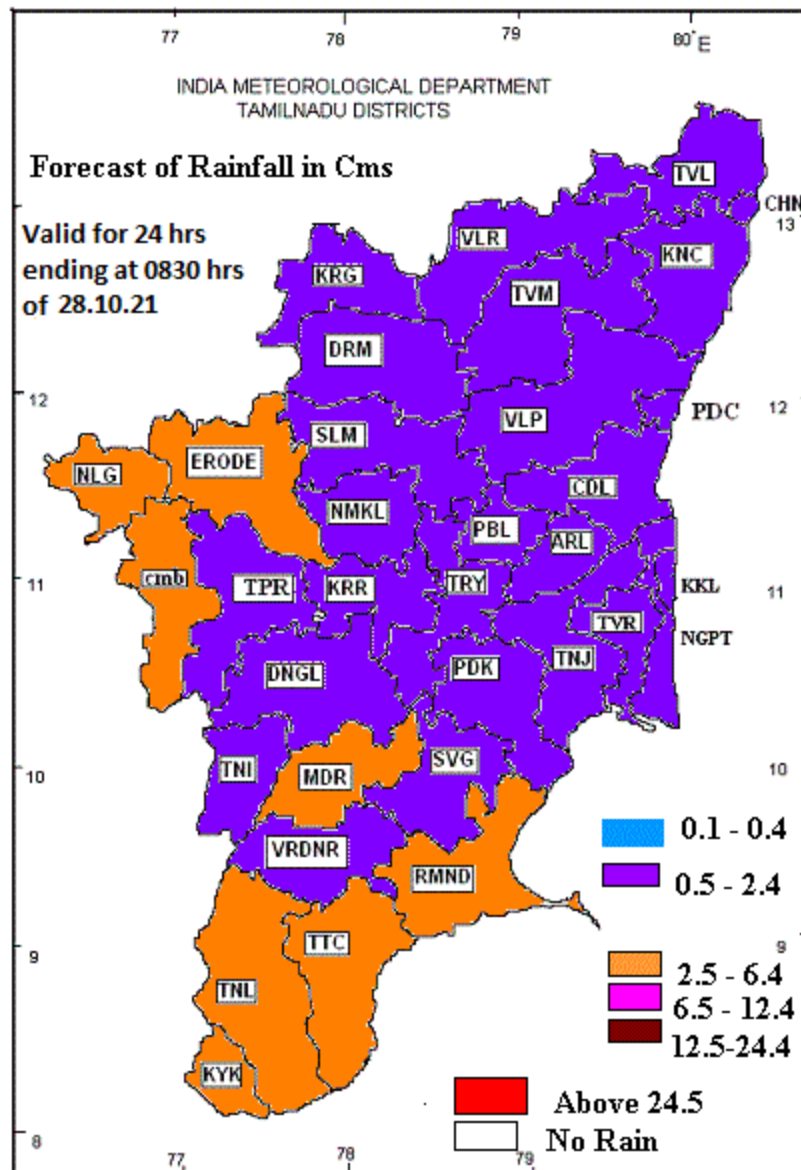
24.10.21 : Yercaud (dist Salem) 10, Thirumoorthy dam (dist Tiruppur) 9, Pandhalur (dist Nilgiris) 8, Periyar (dist Theni), Chinnakalar (dist Coimbatore), Kalasapakkam (dist Tiruvannamalai) 7 each, Tiruvannamalai (dist Tiruvannamalai), Amaravathy Dam (dist Tiruppur) 6 each, Dharapuram (dist Tiruppur), Keelpennathur (dist Tiruvannamalai), Kodaikanal (dist Dindigul), Srivilliputhur (dist Virudhunagar), Ramanathapuram (dist Ramanathapuram), Malaiyur (dist Pudukkottai), Harison Estate (dist Nilgiris) 5 each, Perungalur (dist Pudukkottai), Suler (dist Coimbatore), Denkanikottai (dist Krishnagiri), Natham (dist Dindigul), G Bazar (dist Nilgiris), Palani (dist Dindigul), Padalur (dist Perambalur), Sankaridurg (dist Salem), Udumalpet (dist Tiruppur), Moongilthuraiapattu (dist Kallakurichi), Yethapur (dist Salem) 4 each, Gudalur (dist Theni), R.S.Mangalam (dist Ramanathapuram), Valparai Taluk Office (dist Coimbatore), Maduranthagam (dist Chengalpattu), Naduvattam (dist Nilgiris) 3 each, Chettikulam (dist Perambalur), Watrap (dist Virudhunagar), Keeranur (dist Pudukkottai), Kovilankulam (dist Virudhunagar), Edapadi (dist Salem), Ambathur (dist Tiruvallur), Red Hills (dist Tiruvallur), Tiruvallur (dist Tiruvallur), Mettur (dist Salem), Omalur (dist Salem), Polur (dist Tiruvannamalai), Thekkadi (dist Theni), Sivakasi (dist Virudhunagar), Periyanaickenpalayam (dist

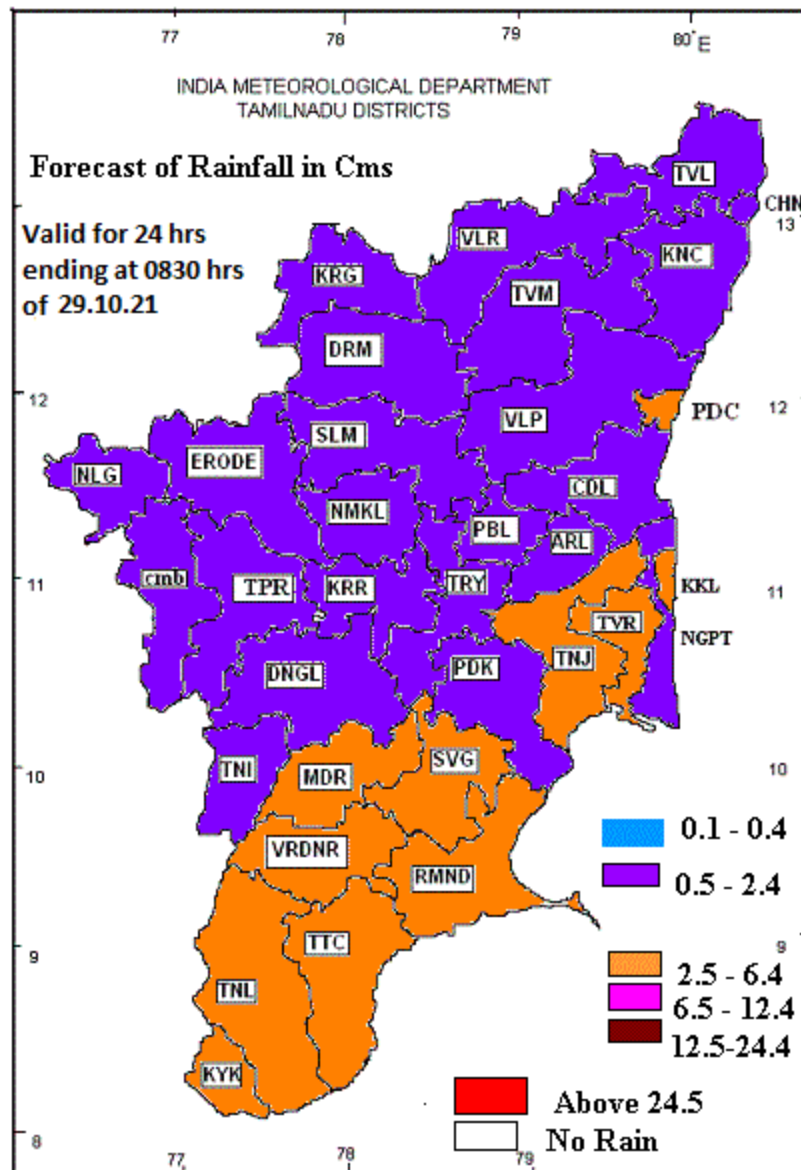
Coimbatore), Karaikal (dist Karaikal), Tiruvarur (dist Tiruvarur) 2 each, Odanchatram (dist Dindigul), Veerapandi (dist Theni), Aruppukottai (dist Virudhunagar), Vilathikulam (dist Toothukudi), Kumarapalayam (dist Namakkal), Mannargudi (dist Tiruvarur), Devala (dist Nilgiris), Kuzhithurai (dist Kanyakumari), Kamatchipuram (dist Dindigul), Sendamangalam (dist Namakkal), Uttamapalayam (dist Theni), Rajapalayam (dist Virudhunagar), Chidambaram Aws (dist Cuddalore), Pennagaram (dist Dharmapuri), Bodinaickanur (dist Theni), Bhavani (dist Erode), Kovilpatti (dist Trichy), Thalaigayyer (dist Nagapattinam), Namakkal (dist Namakkal), Bhuvanagiri (dist Cuddalore), Gummidipoondi (dist Tiruvallur), Surangudi (dist Toothukudi), Cheyyar (dist Tiruvannamalai), Valparai PTO (dist Coimbatore), Sathyamangalam (dist Erode), Glenmorgan (dist Nilgiris), Thali (dist Krishnagiri), Pappireddipatti (dist Dharmapuri), Nagapattinam (dist Nagapattinam), Chengam (dist Tiruvannamalai), Sriperumbudur (dist Kancheepuram), Poonamallee (dist Tiruvallur), Tiruchengode (dist Namakkal) 1 each.

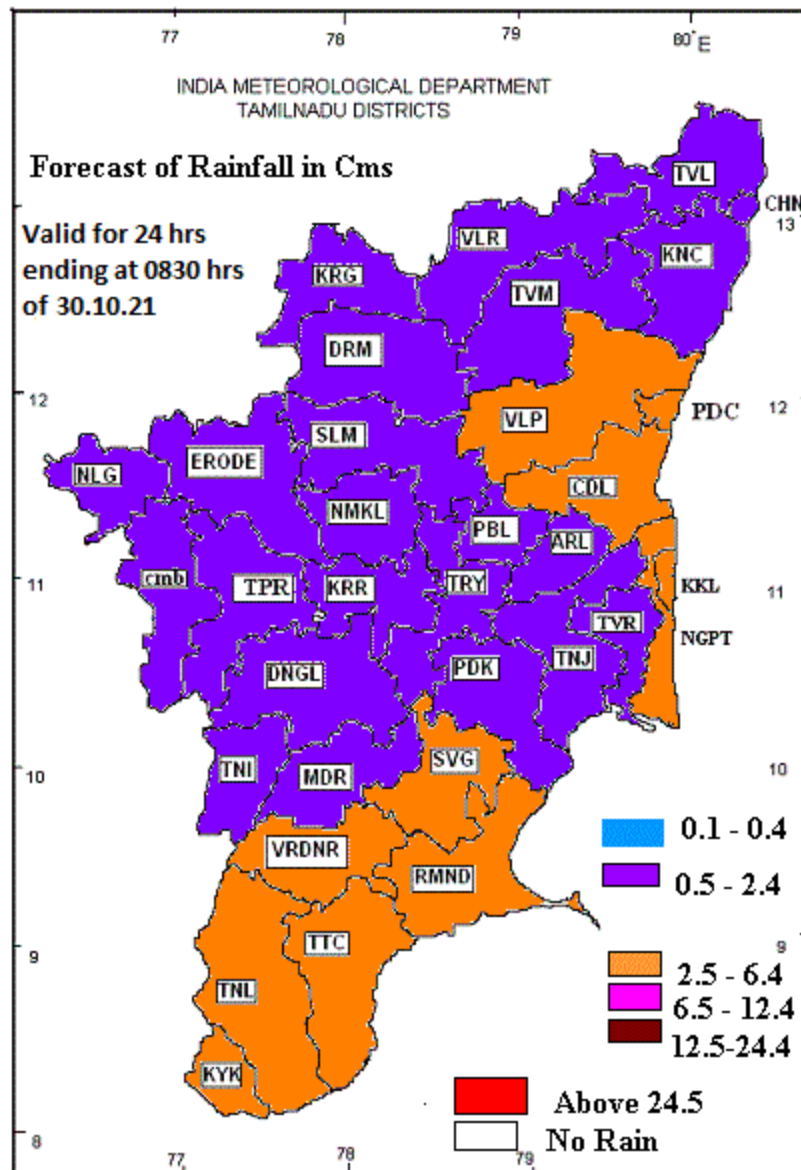
25.10.21 : Pulipatti (dist Madurai) 11, Viralimalai (dist Pudukkottai) 10, Kudimiyamalai (dist Pudukkottai) 9, Kadambur (dist Toothukudi), Avinasi (dist Tiruppur) 8 each, Idayanpatti (dist Madurai) 7, Tiruppur (dist Tiruppur), Sholayar (dist Coimbatore) 6 each, Annavasal (dist Pudukkottai), Tiruvarur (dist Tiruvarur), Needamangalam (dist Tiruvarur), Ponnamaravathi (dist Pudukkottai), Chittampatti (dist Madurai), Peraiyur (dist Madurai), Krishnarayapuram (dist Karur), Ammundi (dist Vellore), Keeranur (dist Pudukkottai), Natham (dist Dindigul), Namakkal (dist Namakkal) 5 each, Madurai South (dist Madurai), Mettupalayam (dist Coimbatore), Chinnakalar (dist Coimbatore), Tambaram (dist Chengalpattu), Kodaikanal (dist Dindigul), Kariyapatti (dist Virudhunagar), Melur (dist Madurai), Mayanur (dist Karur), Devala (dist Nilgiris), Annur (dist Coimbatore) 4 each, Odanchatram (dist Dindigul), Manamadurai (dist Sivaganga), Tirupuvanam (dist Sivaganga), Tallakulam (dist Madurai), Chengam (dist Tiruvannamalai), Avudayarkoil (dist Pudukkottai), Thogaimalai (dist Karur), Edapadi (dist Salem), R.K.Pet (dist Tiruvallur), Sivaganga (dist Sivaganga), Aranmanaipudur (dist Theni), Polur (dist Tiruvannamalai), Arcot (dist Ranipet), Vathalai Anaicut (dist Trichy), Dharapuram (dist Tiruppur), Kamatchipuram (dist Dindigul) 3 each, K.M.Koil (dist Cuddalore), Tondi (dist Ramanathapuram), Karaikudi (dist Sivaganga), Chennai(n) (dist Chennai), Pudukkottai (dist Pudukkottai), Chembarambakkam (dist Tiruvallur), Arimalam (dist Pudukkottai), Perambur (dist Chennai), Sriperumbudur (dist Kancheepuram), Tiruttani (dist Tiruvallur), Illuppur (dist Pudukkottai), Erumaipatti (dist Namakkal), Andipatti (dist Theni), Poondi (dist Tiruvallur), Pandavaiyar Head (dist Tiruvarur), Mahabalipuram (dist Chengalpattu), Karur (dist Karur), Tuticorin (dist Toothukudi), Ambattur (dist Tiruvallur), Valparai Taluk Office (dist Coimbatore), Tirumayam (dist Pudukkottai), Arantangi (dist Pudukkottai), G Bazar (dist Nilgiris), Kothagiri (dist Nilgiris), Thiruchuzhi (dist Virudhunagar), Tindivanam (dist Villupuram) 2 each, Panchapatti (dist Karur), Manamelkudi (dist Pudukkottai), Mannargudi (dist Tiruvarur), Thathiengarpeth (dist Trichy), Musiri (dist Trichy), Thammampatty (dist Salem), Vadipatti (dist Madurai), KVK Kattukuppam Arg (dist Kancheepuram), Virudhunagar Aws (dist Virudhunagar), Kulithalai (dist Karur), Mohanur (dist Namakkal), Virinjipuram Aws (dist Vellore), Wallajah (dist Ranipet), Avalanche (dist Nilgiris), K Bridge (dist Nilgiris), Manapparai (dist Trichy), Kallakurichi (dist Kallakurichi), Thuvakudi IMTI (dist Trichy), Gobichettipalayam (dist Erode), Tirupattur (dist Sivaganga), Mimisal (dist Pudukkottai), Usilampatti (dist Madurai), Madurai Airport (dist Madurai), Vembakkam (dist Tiruvannamalai), Kalavai Aws (dist Ranipet), Pollachi (dist Coimbatore), Sholingur (dist Ranipet), Kaveripakkam (dist Ranipet), Ennore Aws (dist Tiruvallur), Viraganur Dam (dist Madurai), Marungapuri (dist Trichy), Mettupatti (dist Madurai), Ketti (dist Nilgiris), Chennai Ap (dist Chennai), Sholavandan (dist Madurai), Uthagamandalam (dist Nilgiris), Thirupporur (dist Chengalpattu), Uttamapalayam (dist Theni), Sivakasi (dist Virudhunagar), Mayiladuthurai (dist Mayiladuthurai), Gandarvakottai (dist Pudukkottai), Thiruthuraiipoondi (dist Tiruvarur), Tiruvadana (dist Ramanathapuram), Tirupoondi (dist Nagapattinam), Upper Bhavani (dist Nilgiris), Ayyampettai (dist Thanjavur), Karaikal (dist Karaikal) 1 each.

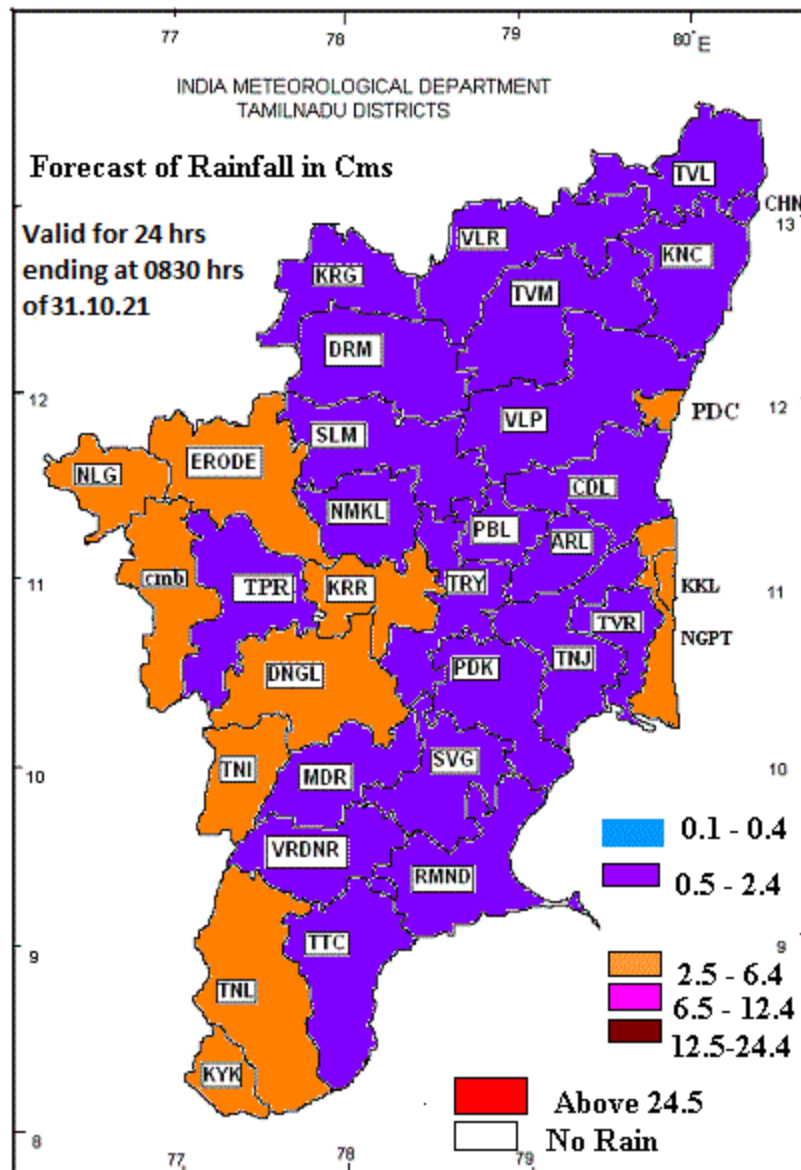
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 26.10.21
VALID FOR THE NEXT 5 DAYS**











Districtwise Agromet Advisories

Chennai

SMS Advisory: Day 1(27.10.2021) to Day 5 (31.10.2021): Thunderstorm with lightning is likely to occur at many places over Tamil Nadu, Puducherry and Karaikal area. Livestock Advisory 1. To avoid pneumonia in calves and kids prevent them from drenching in rain water 2. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated. 3. To improve the immune status of young animals vitamin and mineral supplementation is required 4. To avoid calves drenching under rain the enclosures could be provided with temporary rain barrier or ordinary gunny bags could be hung to protect them. 5. To prevent wooden tongue disease in cattle avoid fungal laden feeds and thorny bushes grazing. 6. Deworming buffalo calves within one week after birth prevents mortality due to worm load. 7. Provision of better ventilation and light in dairy barn facilitates better productivity, which inturn has a bearing on milk quality. 8. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy. 9. Provision of 5% shell grit to layers improves the egg quality.

Kancheepuram

As per IMD Extended Range Forecast for the period of 31.10.2021 to 06.11.2021 Tamil Nadu & Pondicherry region may likely to receive normal rainfall. From 27.10.2021 -31.10.2021 there are possibilities Thunderstorm with lightning in many places over Kanchipuram and chengalpattu district. Farmers are advised to transplant the optimum aged seedlings and to avoid the root damage during pulling out the seedling farmers may apply 20 kg DAP 5-10 days before pulling out the seedling. Farmers are advised to avoid feeding of fungal infected feeds during rainy season to avoid disease incidents in fishes.

Crop(Varieties)	Crop Specific Advisory
RICE	The forecasted weather may cause 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.
Crop(Varieties)	Crop Specific Advisory
OKRA/ LADYFINGER	There are possibilities of Vein-Clearing/Yellow Vein Mosaicdisease infestation in bhendi crop. For the management of vector farmers are advised to spray Chlorpyrifos 2.5 ml + neem oil 2 ml lit of water.
Horticulture(Va rieties)	Horticulture Specific Advisory
BITTER GOURD	The forecasted weather may cause Fruit fly infestation in cucurbit crops. Farmers are advised to take necessary plant protection measures with the advice of horticulture officer.
Live Stock(Varieties)	Live Stock Specific Advisory

COW	Farmers are advised to vaccinate their dairy animals against FMD (Food and Mouth disease) disease in nearby veterinary dispensary to protect them against disease incidence.
BUFFALO	Farmers are advised to deworm the buffalo calves at one month of age and repeat it for six months to protect against internal parasites.
GOAT	Farmers are advised to vaccinate their sheep and goat against PPR disease in nearby veterinary dispensary. To deworm & detick the Sheep and Goat before monsoon to avoid parasitic incidence in the animals.
Fisheries(Varieties)	Fisheries Specific Advisory
INLAND	The forecasted weather may alter the pH level of fish and prawn ponds. For management farmers are advised to go for application of 100-200 kg of lime. By viewing the could cover forecast, to sustain the plankton intensity in fish ponds farmers may reduce 50 % water exchange level from the original level.
COMMON FISH	Due to rain forecasted for upcoming five days, erosion of fish /prawn pond dykes increases turbidity of water and become muddy which affects photosynthetic activity and it may lead to depletion of oxygen level. To avoid this farmer are advised to grow grass and other plants on the slope as well as top of the crest. During rainy days, farmers are advised to avoid the accumulation of plant debris and other organic matter along with runoff to sustain the pH variation. Due to slight rain and high humid weather forecasted for the next five days, farmers may store their fish and prawn feeds in dry and clean places to avoid the fungal infestation.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Farmers are advised to provide coccidiostates through feed or drinking water to poultry birds to protect them against coccidiosis infection. Farmers may provide antibiotics through drinking water for three days to protect birds against the infectious disease.

Villupuram

SMS Advisory: Day 1(27.10.2021) to Day 5 (31.10.2021): Thunderstorm with lightning is likely to occur at many places over Tamil Nadu, Puducherry and Karaikal area. Livestock Advisory: 1. To avoid pneumonia in calves and kids prevent them from drenching in rain water 2. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated. 3. To improve the immune status of young animals vitamin and mineral supplementation is required 4. To avoid calves drenching under rain the enclosures could be provided with temporary rain barrier or ordinary gunny bags could be hung to protect them. 5. To prevent wooden tongue disease in cattle avoid fungal laden feeds and thorny bushes grazing. 6. Deworming buffalo calves within one week after birth prevents mortality due to worm load. 7. Provision of better ventilation and light in dairy barn facilitates better productivity, which in turn has a bearing on milk quality. 8. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy. 9. Provision of 5% shell grit to layers improves the egg quality. Agricultural advisory Rice: 1. Due to prevailing weather condition blast infection is found in paddy crop. To manage the blast, spray tricyclazole 75% WP 500 g/ha or carbendazim 50WP @ 500g/ha (or) azoxystrobin 25 SC @500 ml/ha at morning or

evening time. Maize: 2. Prevailing weather condition is favorable for fall army worm infestation in maize crop. To control spray chlorantraniliprole 18.5 SC @ 0.4 ml/lit or flubendiamide 20 WG 0.5g/lit at early stage (15-20 days) followed by azadirachtin 1% 2 ml/lit and spinetoram 11.70 SC 0.5 ml/litre or emamectin benzoate 5 SG 0.4 g/lit at 35-40 days. Black gram: 3. To reduce the root rot infection in blackgram, bacillus subtilis 1 kg/ha + trichoderma, aspergillus 1.0 kg/ha + farm yard manure 25 kg/ha apply at last plough and after the first weeding (20- 25 DAS). Cotton: 4. Due to prevailing weather condition there are chances of cotton green leaf hopper infestation. To control spray thiamethoxam 25 WG 0.6 gram/litre or imidacloprid 17.8SL 0.6 ml/litre. Banana: 5. Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals. Turmeric: 6. Prevailing weather condition is favorable for leaf blotch infection in turmeric crop. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent at 10-15 days interval.

Thiruvannamalai

SMS Advisory: Day 1 (27.10.2021) to Day 5 (31.10.2021): Thunderstorm with lightning is likely to occur at many places over Tamil Nadu, Puducherry and Karaikal area. Livestock Advisory: 1. To avoid pneumonia in calves and kids prevent them from drenching in rain water 2. Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated. 3. To improve the immune status of young animals vitamin and mineral supplementation is required 4. To avoid calves drenching under rain the enclosures could be provided with temporary rain barrier or ordinary gunny bags could be hung to protect them. 5. To prevent wooden tongue disease in cattle avoid fungal laden feeds and thorny bushes grazing. 6. Deworming buffalo calves within one week after birth prevents mortality due to worm load. 7. Provision of better ventilation and light in dairy barn facilitates better productivity, which in turn has a bearing on milk quality. 8. To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy. 9. Provision of 5% shell grit to layers improves the egg quality. Agricultural advisory Rice: 1. Prevailing weather condition is favorable for leaf folder incidence in rice. Hence farmers are requested to monitor the field and spray chlorantraniliprole 5ml or Flubendiamide @ 0.7ml/litre. Red Gram: 2. Foliar spray of TNAU Pulse Wonder @ 5 kg/ha in 200 litres of water at flower initiation stage decreases flower shedding, increases yield and offers moisture Coconut: 3. 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. Brinjal: 4. To control shoot borer/ fruit borer, spray Azadirachtin 1% EC (10000 ppm) 3ml/litre or Flubendiamide 20WDG 7.5g/10 litre. Papaya: 5. To control papaya yellow mosaic virus, spray Imidacloprid @ 0.5 ml / litre Guava: 6. To control guava mealy bug, spray profenophos @ 2ml / litre + neem oil 5 ml. Banana: 7. To control panama wilt in banana, soil drenching with carbendazim 0.1 % solution around the pseudostem at bimonthly intervals starting from 5 months after planting.

Thiruvallur

From extended-range forecast rainfall, maximum temperature and minimum temperature Normal expected for the period of 31.10.2021 to 06.11.2021 over Tamil Nadu. Light to moderate rainfall is expected in the forthcoming days, proper drainage may be provided to the crops to avoid water logging condition.

Crop(Varieties)	Crop Specific Advisory

RICE	Rice- Transplanting and Tillering stage-1. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g. (Or) ; 2.Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water; 3.Bacterial leaf blight- Spray twice copper hydroxide 77 WP 500g per acre in 200 litres of water.
OKRA/ LADYFINGER	Bhendi-1.Shoot and fruit borer- Spray carbaryl 50% WP 400g (or) Azadirachtin 5% 400 ml per acre in 200 litres water; and Set up pheromone traps @ 2/acre. Release first instar larvae of Chrysoperla carnea @ 40,000/acre; 2. Powdery mildew- Spray wettable sulphur @ 3 g/l or carbendazim @ 1 g/l three sprays at 15 days interval from the first appearance of symptoms.
SUGARCANE	Internode borer- I). Release egg parasitoid, Trichogramma chilonis at the rate of 1.0 cc / release/ha (Six releases at 15 days interval starting from fourth month); II). Detrash the crop on 150th and 210th day of planting. Detrashing dislodge the pupae that remain in the leaf sheath; III).Avoid the use of excessive nitrogenous fertilizers; 2. Termite- Spray Chlorantraniliprole 18.5% SC @ 200 ml (or) Thiamethoxam 75% w/w SG 64 g per acre in 200 litres of water.
Horticulture(Varieties)	Horticulture Specific Advisory
BITTER GOURD	Bitter Gourd- Fruit fly- Mix methyl eugenol + malathion 50 EC at 1:1 ratio and keep 10 ml of the bait in Polythene bags@ 10 / acre.
BRINJAL	Brinjal- 1.Fruit borer- Spray Azadirachtin 1.0% EC (10000 ppm) 3.0 ml/litre of water of chemical starting from one month after planting at 15 days interval. (or) Spray Emamectin benzoate 5 % SG 4 g/10 litre of water; 2.Little Leaf - Remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector.
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.
PAPAYA	Papaya- Mealy bug- Spray Triozophos 2 ml+ neem oil 5 ml/1litre of water.

Cuddalore

From extended range forecast normal rainfall, normal maximum temperature and minimum temperature expected for the period of 31.10.2021 to 06.11.2021 over Tamil Nadu. Light to moderate rainfall will be expected in the forthcoming days. So farmers are advised to provide proper drainage to the crops.

Crop(Varieties)	Crop Specific Advisory
RICE	Due to prevailing weather condition blast infection is found in paddy crop. To manage the blast, spray tricyclazole 75% WP 500 g/ha or carbendazim 50WP @ 500g/ha (or) azoxystrobin 25 SC @500 ml/ha at morning or evening time.
MAIZE	Prevailing weather condition is favorable for fall army worm infestation in maize crop. To control spray chlorantraniliprole 18.5 SC @ 0.4 ml/lit or flubendiamide 20 WG 0.5 g/lit at early stage (15-20 days) followed by azadirachtin 1% 2 ml/lit and spinetoram 11.70 SC 0.5 ml/litre or emamectin benzoate 5 SG 0.4 g/lit at 35-40 days.
BLACK GRAM	To reduce the root rot infection in blackgram, bacillus subtilis 1 kg/ha + trichoderma, aspergillus 1.0 kg/ha + farm yard manure 25 kg/ha apply at last plough and after the first

	weeding (20- 25 DAS).
COTTON	Due to prevailing weather condition there are chances of cotton green leaf hopper infestation. To control spray thiamethoxam 25 WG 0.6 gram/litre or imidacloprid 17.8 SL 0.6 ml/litre.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.
TURMERIC	1. Prevailing weather condition is favorable for leaf blotch infection in turmeric crop. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent at 10-15 days interval.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Moderate to heavy rainfall with thunderstorm may occur in Western Ghat districts. Provide adequate drainage to all crops. Rainfall with wind speed of 8 km/hour is expected. Hence provide adequate support to banana and sugarcane.
Rice	Tillering	Drainage may be provided in transplanted samba rice. Zinc deficiency may occur in Samba rice due to anticipated low minimum temperature. Spray with mixture of Zinc Sulphate @ 0.5 % + Urea @ 1% before 10 a.m. If deficiency persists, spray another round at 15 days interval.
Maize	Vegetative	By utilizing the rainfall, top dressing of 68 kg nitrogen/ ha may be done in 25 days old Maize.
Pulses	Vegetative	The standing green gram and black gram will grow with tendrils because of excess soil moisture. Clip the tendrils or top the crop tip.
Sugarcane	Vegetative	Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall.
Gourds		Prevailing weather is favourable for the vegetative growth in gourds at flowering stage. Hence to get more flowers and fruit set application of Ethrel @ 200ppm for ribbed gourd and 100ppm for all other gourd vegetable is recommended. Two spray may be scheduled at weekly interval.
Mango		With the continuous rain, mango tree may put excessive vegetative growth and hence spray 1% Potassium nitrate or paclobutrazol @10gm / tree during nonrainy period.
Turmeric		Considering the continuous rainy weather, provide adequate drainage to turmeric and apply Trichoderma viridie @ 2.5 kg/ha mixed in 100 kg FYM to prevent rhizome rot. If disease is severe

		drench with Metalaxil + Mancozep mix @ 2gm/lit of water.
Animal		Considering the rainfall and high relative humidity, dry feed may be provided to the animals and poultry to prevent Aflatoxin contamination. Against mosquito breeding, water stagnation must be avoided in cattle and poultry sheds. Farmers are advised to safeguard the animals from lightening expected during this week,

SMS advisory

The standing pulses will grow with tendrils because of excess soil moisture. Clip the tendrils or top the crop tip.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Moderate to heavy rainfall with thunderstorm may occur in Western Ghat districts. Provide adequate drainage to all crops. Rainfall with wind speed of 8 km/hour is expected. Hence provide adequate support to banana and sugarcane.
Rice	Tillering	Drainage may be provided in transplanted samba rice. Zinc deficiency may occur in Samba rice due to anticipated low minimum temperature. Spray with mixture of Zinc Sulphate @ 0.5 % + Urea @ 1% before 10 a.m. If deficiency persists, spray another round at 15 days interval.
Maize	Vegetative	By utilizing the rainfall, top dressing of 68 kg nitrogen/ ha may be done in 25 days old Maize.
Pulses	Vegetative	The standing green gram and black gram will grow with tendrils because of excess soil moisture. Clip the tendrils or top the crop tip.
Sugarcane	Vegetative	Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall.
Chillies		Prevailing weather may induce Boron deficiency in Chillies. Spray Borax @ 3g/lit water in 10 days interval.
Gourds		Prevailing weather is favourable for the vegetative growth in gourds at flowering stage. Hence to get more flowers and fruit set application of Ethrel @ 200ppm for ribbed gourd and 100ppm for all other gourd vegetable is recommended. Two spray may be scheduled at weekly interval.
Banana		Rain may be accompany with high wind speed of 8 km/hour. Provide adequate stacking to 5 months old and above banana against lodging.
Mango		With the continuous rain, mango tree may put excessive vegetative growth and hence spray 1% Potassium nitrate or paclobutrazol @10gm / tree during nonrainy period.
Turmeric		Considering the continuous rainy weather, provide adequate drainage to turmeric and apply Trichoderma viridie @ 2.5 kg/ha mixed in 100 kg FYM to prevent rhizome rot. If disease is severe drench with Metalaxil + Mancozep mix @ 2gm/lit of water.

Animal		Considering the rainfall and high relative humidity, dry feed may be provided to the animals and poultry to prevent Aflatoxin contamination. Against mosquito breeding, water stagnation must be avoided in cattle and poultry sheds. Farmers are advised to safeguard the animals from lightening expected during this week,
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SMS advisory

The standing pulses will grow with tendrils because of excess soil moisture. Clip the tendrils or top the crop tip.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Moderate to heavy rainfall with thunderstorm may occur in Western Ghat districts. Provide adequate drainage to all crops. Rainfall with wind speed of 8 km/hour is expected. Hence provide adequate support to banana and sugarcane.
Rice	Tillering	Drainage may be provided in transplanted samba rice. Zinc deficiency may occur in Samba rice due to anticipated low minimum temperature. Spray with mixture of Zinc Sulphate @ 0.5 % + Urea @ 1% before 10 a.m. If deficiency persists, spray another round at 15 days interval.
Maize	Vegetative	By utilizing the rainfall, top dressing of 68 kg nitrogen/ ha may be done in 25 days old Maize.
Pulses	Vegetative	The standing green gram and black gram will grow with tendrils because of excess soil moisture. Clip the tendrils or top the crop tip.
Sugarcane	Vegetative	Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall.
Banana		Rain may be accompany with high wind speed of 8 km/hour. Provide adequate stacking to 5 months old and above banana against lodging.
Mango		With the continuous rain, mango tree may put excessive vegetative growth and hence spray 1% Potassium nitrate or paclobutrazol @10gm / tree during nonrainy period.
Turmeric		Considering the continuous rainy weather, provide adequate drainage to turmeric and apply Trichoderma viridie @ 2.5 kg/ha mixed in 100 kg FYM to prevent rhizome rot. If disease is severe drench with Metalaxil + Mancozep mix @ 2gm/lit of water.
Animal		Considering the rainfall and high relative humidity, dry feed may be provided to the animals and poultry to prevent Aflatoxin contamination. Against mosquito breeding, water stagnation must be avoided in cattle and poultry sheds. Farmers are advised to safeguard the animals from lightening expected during this week,

SMS advisory

The standing pulses will grow with tendrils because of excess soil moisture. Clip the tendrils or top the crop tip.

Nilgiris

Agro Advisory

Crop	Stage	Advisory
General		Moderate rainfall is expected in the Nilgiris district for next five days at isolated places. Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Harvest the matured crop immediately and store the harvested products at safe places.
Vegetable crop	Vegetative stage	To prevent cut worms' infestation in hill vegetable crops, light traps can be fixed and operated from 7 pm to 10 pm to attract adults.
Carrot crop	Sowing	To avoid nematode infestation in carrot crop, crop rotation should be followed.
Medicinal Plant	Planting	Using the expected rainfall, planting of Ooty-1 variety rosemary, thyme may be done.

SMS advisory

Using the expected rainfall, planting of Ooty-1 variety rosemary, thyme may be done.

Ariyalur

Agro Advisory

Crop	Stage	Advisory
		Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.
Rice	Main field	The control the reduced crop growth in rice by the prevailing weather condition, apply 10 kg Muriate of Potash as top dressing and 0.5% Zinc sulphate as foliar spray.
Rice	Main field	The prevailing weather condition favorable for gall midge infection in rice. It leads to the formation of onion like leaf and prevents the panicle formation. To control this apply chloripyriphos 20 EC 500 ml/ ha.
Cattle	Cow	Before monsoon ensure that cows and buffaloes were vaccinated against foot and mouth disease.

SMS advisory

Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.

Karur

Agro Advisory

Crop	Stage	Advisory

		Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.
Rice	Main field	The control the reduced crop growth in rice by the prevailing weather condition, apply 10 kg Muriate of Potash as top dressing and 0.5% Zinc sulphate as foliar spray.
Rice	Nursery	Late thaladi nursery, spray Azadiraction 0.03% (3 ml/litre of water) with sticking agent Khadi Gopura Bar Soap @ 3g/litre to prevent thrips infection on 10 days after sowing.
Cattle	Cow	Before monsoon ensure that cows and buffaloes were vaccinated against food and mouth disease.

SMS advisory

Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.

Nagapattinam

Agro Advisory

Crop	Stage	Advisory
		Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.
Rice	Main field	The control the reduced crop growth in rice by the prevailing weather condition, apply 10 kg Muriate of Potash as top dressing and 0.5% Zinc sulphate as foliar spray.
Rice	Main field	The prevailing weather condition favorable for gall midge infection in rice. It leads to the formation of onion like leaf and prevents the panicle formation. To control this apply chloripyriphos 20 EC 500 ml/ ha.
Cattle	Cow	Before monsoon ensure that cows and buffaloes were vaccinated against food and mouth disease.

SMS advisory

Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.

Perambalur

Agro Advisory

Crop	Stage	Advisory
		Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.
Rice	Main field	The control the reduced crop growth in rice by the prevailing weather condition, apply 10 kg Muriate of Potash as top dressing and 0.5% Zinc sulphate as foliar spray.

Rice	Main field	The prevailing weather condition favorable for gall midge infection in rice. It leads to the formation of onion like leaf and prevents the panicle formation. To control this apply chloripyriphos 20 EC 500 ml/ ha.
Cattle	Cow	Before monsoon ensure that cows and buffaloes were vaccinated against foot and mouth disease.

SMS advisory

Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.

Thanjavur

Agro Advisory

Crop	Stage	Advisory
		Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.
Rice	Main field	The control the reduced crop growth in rice by the prevailing weather condition, apply 10 kg Muriate of Potash as top dressing and 0.5% Zinc sulphate as foliar spray.
Rice	Nursery	Late thaladi nursery, spray Azadiraction 0.03% (3 ml/litre of water) with sticking agent Khadi Gopura Bar Soap @ 3g/litre to prevent thrips infection on 10 days after sowing.
Rice	Main field	The prevailing weather condition favorable for gall midge infection in rice. It leads to the formation of onion like leaf and prevents the panicle formation. To control this apply chloripyriphos 20 EC 500 ml/ ha.
Cattle	Cow	Before monsoon ensure that cows and buffaloes were vaccinated against foot and mouth disease.

SMS advisory

Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.

Thiruvarur

Agro Advisory

Crop	Stage	Advisory
		Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.
Rice	Main field	The control the reduced crop growth in rice by the prevailing weather condition, apply 10 kg Muriate of Potash as top dressing and 0.5% Zinc sulphate as foliar spray.

Rice	Main field	The prevailing weather condition favorable for gall midge infection in rice. It leads to the formation of onion like leaf and prevents the panicle formation. To control this apply chloropyrifos 20 EC 500 ml/ ha.
Cattle	Cow	Before monsoon ensure that cows and buffaloes were vaccinated against foot and mouth disease.

SMS advisory

Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.

Thiruchirapalli

Tamilnadu's average rainfall is likely to be increase than the normal during this week (27.10.2021 to 02.11.2021) From 5.90 mm to 8.21 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
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.
RICE	Due to prevailing weather condition false smut is found in paddy crop. To manage the false smut, spray copper oxchloride 50 WG 2.5 g/l or copper hydroxide 77 WG 2.0 g/l or propiconazole 1.0 ml/l at panicle stage and 50 % flowering stage
Live Stock(Varieties)	Live Stock Specific Advisory
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.
COW	Present weather is conducive for the initiation of foot and mouth disease in dairy animals and cattle. All farmers must vaccinate the animals to control the disease.

Salem

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Chilli	Vegetative	In chillies for the management of thrips spray imidacloprid 17.8sl @3ml/10 lit or acetamiprid 20sp@ 1.0gm / 10 lit or emactin 5 sg @ 4 gm/ 10 ltr
Jasmine	Vegetative	For the management of redspider mite in jasmine,spray propagate 57ec 2ml/lit or fenazaquin 10ec 2ml/lit
Cotton	Vegetative	Prevailing weather condition is favourable jassids in cotton to control that spraying of Acetamiprid 20% SP 50 g/ha or Buprofezin

		25 % SC 1000 ml/ ha.
Castor	Vegetative	The weather is favorable for castor bean worm attack. Malathion 50 EC can be controlled by spraying 2.0 l / ha. (Or) Neem Seed Kernel Extract 5% + Neem Oil 2%Use
Groundnut	Vegetative	Prevailing weather condition is favourable for collar rot disease incidence in groundnut, to manage the disease soil drenching with Copper oxy chloride @ 2 g / liter is recommended for adoption.
Brinjal	Vegetative	Prevailing weather condition is favourable for shoot and fruit borer in brinjal to control that installation of pheromone trap @12/ha, Encourage the activity of larval parasitoids <i>Pristomerstestaceus</i> , <i>Cremastusflavoorbitalis</i> or spraying of flubendiamide 20 WG 375 g/ha is advised.
Livestock	Cattle	During this season Peste des petits ruminants in goat, blue tongue disease in sheep, endotoxemia in cattle may occur so, vaccination is suggested during this time.
Livestock	sheep and Goat.	This is correct time for deworming in sheep and goat.
Poultry	Young	During brooding of young chicks in brooder, artificial heat should be given by using incandescent 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
Poultry	General	<p>Necrotic Enteritis (NE) in Poultry</p> <p>Necrotic enteritis is caused by <i>Clostridium perfringens</i> type, ubiquitous bacteria, found in soil, dust, faeces, feed, and used poultry litter. It is also a normal inhabitant of the intestines of healthy chicken. The enterotoxaemia occurs due to sudden change in feed or damage to the intestinal mucosa (eg. coccidiosis, mycotoxicosis, salmonellosis, worm infestation). During this rainy season and ensuing winter season, high stocking density predispose the birds to coccidiosis and necrotic enteritis. High dietary levels of dry fish, fishmeal and wheat may be avoided.</p> <p>During the rainy season, the chances of growth of coccidial oocysts as well as the <i>Clostridium perfringens</i> and <i>E.coli</i> are more. The enterotoxemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds. Similarly, the litter moisture should be kept low.</p>
Livestock	General	Steps to protect livestock from thunderstorms and lightning

		<p>During north east monsoon there is a chance for thunder storm and lightening. Farmers are requested to avoid grazing of animals during rains which is expected, particularly grazing of sheep and goat in flock which are more prone for lightning shock.</p> <p>Farmers should avoid tethering animals in near barbed wire fencing posts and trees.</p> <p>Trees near the animals sheds should be pruned to avoid accidental fall over during heavy wind. Further trees like rain tree, vathanarayanan are more prone for uprooting.</p> <p>More chance of lightening near hilly area and undulated landscape than plains.</p> <p>Fence with wooden poles and metal wires, it is a advisable to check the condition of the buried parts at most once in 5 years and do the necessary replacement before the thunder storm season begins.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Castor	Capsule formation stage	Botrytis disease is occurred in castor field due to continuous rain. Hence farmers are advised to spray of copper oxy chloride fungicide @ 2 gram / litre of water to control it.
Vegetables	Vegetative stage	In vegetable crops, application of 1 kg trichoderma viride with 500 kg of farmyard manure during last ploughing and Installation of solar light trap 1 number, yellow sticky trap 8 number and pheromone trap 8 number for management of pest and disease in one acre.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Dharmapuri :		
General	Advisory	Farmers are advised to protect feed and fodders from rainfall it helps to avoid contamination of aflatoxin toxicity.
Vegetable	Vegetative	In vegetable crops , placing of yellow sticky trap @20no/ acreis recommended to control sucking pests.
Banana	Vegetative	Banana For garden land, spraying of plantozyme at 2ml/lit at the month of October can be recommended. Similarly, acid lime and zinc sulphate at 5 gram/ l can be sprayed at the month of October.
Onion	Vegetative	To manage purple blotch in onion, spraying of copper oxy chloride @ 2.5 g/ l (or) Mancozeb 2 g/l is advised.
Cattle	General	Post FMD complication is so severe in dairy cattle hence requested to give syr .Restoball 50ml oral and lorexane cream on foot lesion for management.
Tapioca	Set treatment	Tapioca set treatment of 15 cm long with 8 – 10 nodes from the middle portion of the stem. Avoid mechanical damage while preparation and handling of setts. The

		cut end should be uniform. Dip the setts in Carbendazim 1 g in one l of water for 15 minutes before planting.
Paddy	Vegetative	To manage leaf folder problem in paddy, recommended dose of nitrogen fertilizer should be applied in 3 (or) 4 splits. when the incidence is high, spraying of Azadirachtin @ 2ml/litre (or) indoxacarb @1ml/l is recommended.

Krishnagiri




Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, poultry & Crop	Stage	Weather advisory
Poultry	General	<p>Necrotic Enteritis (NE) in Poultry Necrotic enteritis is caused by Clostridium perfringens type, ubiquitous bacteria, found in soil, dust, faeces, feed, and used poultry litter. It is also a normal inhabitant of the intestines of healthy chicken. The enterotoxaemia occurs due to sudden change in feed or damage to the intestinal mucosa (eg. coccidiosis, mycotoxicosis, salmonellosis, worm infestation). During this rainy season and ensuing winter season, high stocking density predispose the birds to coccidiosis and necrotic enteritis. High dietary levels of dry fish, fishmeal and wheat may be avoided.</p> <p>During the rainy season, the chances of growth of coccidial oocysts as well as the Clostridium perfringens and E.coli are more. The enterotoxemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds. Similarly, the litter moisture should be kept low.</p>
Livestock	General	<p>Steps to protect livestock from thunderstorms and lightning During north east monsoon there is a chance for thunder storm and lightening. Farmers are requested to avoid grazing of animals during rains which is expected, particularly grazing of sheep and goat in flock which are more prone for lightning shock.</p> <p>Farmers should avoid tethering animals in near barbed wire fencing posts and trees.</p> <p>Trees near the animals sheds should be pruned to avoid accidental fall over during heavy wind. Further trees like rain tree, vathanarayanan are more prone for uprooting.</p> <p>More chance of lightening near hilly area and undulated landscape than plains. Fence with wooden poles and metal wires, it is a advisable to check the condition of the buried parts at most once in 5 years and do the necessary replacement before the thunder storm season begins.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Castor	Capsule formation stage	Botrytis disease is occurred in castor field due to continuous rain. Hence farmers are advised to spray of copper oxy chloride fungicide @ 2 gram / litre of water to control it.
Vegetables	Vegetative stage	In vegetable crops, application of 1 kg trichoderma viride with 500 kg of farmyard manure during last ploughing and Installation of solar light trap 1

		number, yellow sticky trap 8 number and pheromone trap 8 number for management of pest and disease in one acre.
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Karaikal

Weather based Agro-Advisories.

Crops/ Animals	Particulars/ Symptoms of pest/ disease	Agro Advisory
Rice	Gall midge   Presence of onion or silver shoot symptoms	<p>The cloudy weather with intermittent drizzling condition favoured the gall midge infestation. It is noticed both in nursery and main field. To manage gall midge following methods can be adopted.</p> <p>Transplanting: Roots of rice seedlings may be dipped in 0.02% chlorpyrifos suspension for 12 hours and then take up planting.</p>  Predators like spider population may be encouraged.
	Disease management	The prevailing weather condition is favourable for the incidence of blast. Hence, as a preventive measure avoid closer planting of seedlings. If blast infestation is noticed, spray Carbendazim 50 WP @ 1 gram/litre or Trycyclozole 75 WP @ 1 gram/litre.
	Weed management	Spray Bispyripac sodium 10 % SC @ 200 ml/ha as early post emergence on 20 DAT to manage weeds in transplanted rice and 25 days after germination in direct sown rice.

SMS: Farmers are advised to postpone irrigation to the crops as moderate rain is expected for next five days.

Puducherry

Weather based Agro-Advisories

Crops / Livestock	Stage/particulars	Agro Advisory
Rice	Tillering stage	To manage rice stem borer, release parasitoid <i>Trichogramma japonicum</i> @1,00,000/ha (37, 44 and 51 DAP) or Azadirachtin 0.03% @ 2 lit/ha or cartaphydrochloride 50% SP @ 1000 g/ha or flubendiamide 20 WG @ 125 g/ha or thiamethoxam 25 WG @ 100g/ha.

		To manage rice leaf folder release Trichogramma chilonis 5cc (1,00,000/ha) at 37, 44, 51 day after planting. Avoid excess application of nitrogen fertilizers. Setup light trap to attract adult moths. Setup T- shaped bird perches for predatory birds to control these pests. Apply cartaphydrochloride 50% SP @ 1000 g/ha or flubendiamide 20 WG @ 125 g/ha or thiamethoxam 25 WG @ 100g/ha.
	Flowering sstage	To manage rice brown plant hopper spray azadirachtin 0.03 % (300 ppm) @ 2000 ml/ha or thiamethoxam 25 WG @ 100g/ha or pymetrozine 50% WG @ 300 g/ha.. Alternate wetting and drying of main field.
Brinjal	Flowering sstage	To manage tobacco cutworm in brinjal apply azadirachtin 0.03 % (300 ppm) @ 2500 -5000 ml/ha

SMS: Farmers are advised to postpone irrigation to the crops as moderate rainfall is expected for next five days.

BLOCK LEVEL FORECAST

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 increase than the normal during this week (27.10.2021 to 02.11.2021) From 5.90 mm to 8.21 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
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.
RICE	Due to prevailing weather condition false smut is found in paddy crop. To manage the false smut, spray copper oxchloride 50 WG 2.5 g/l or copper hydroxide 77 WG 2.0 g/l or propiconazole 1.0 ml/l at panicle stage and 50 % flowering stage
Live Stock(Varieties)	Live Stock Specific Advisory
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.

COW	Present weather is conducive for the initiation of foot and mouth disease in dairy animals and cattle. All farmers must vaccinate the animals to control the disease.
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NILGIRIS DISTRICT

Coonoor, Gudalur, Kotagiri and Ooty Blocks

Agro Advisory

Crop	Stage	Advisory
General		Moderate rainfall is expected in the Nilgiris district for next five days at isolated places. Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Harvest the matured crop immediately and store the harvested products at safe places.
Vegetable crop	Vegetative stage	To prevent cut worms' infestation in hill vegetable crops, light traps can be fixed and operated from 7 pm to 10 pm to attract adults.
Carrot crop	Sowing	To avoid nematode infestation in carrot crop, crop rotation should be followed
Medicinal Plant	Planting	Using the expected rainfall, planting of Ooty-1 variety rosemary, thyme may be done.

SMS advisory

Using the expected rainfall, planting of Ooty-1 variety rosemary, thyme may be done.

