



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 076/2021

For the period 0830 IST, 21st September 2021 to
0830 IST, 26th September 2021

Issued on Tuesday, 21st September 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 17.09.21 to 20.09.21 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **31°C – 38°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **20°C – 29°C** during the period.

Minimum temperature of range **18°C - 22°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **10°C - 12°C** during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	18.09.21 & 20.09.21	Puducherry
Fairly widespread (Many places)	20.09.21	Tamil Nadu
Scattered (Few Places)	18.09.21 19.09.21	Tamil Nadu Puducherry
Isolated (One or Two Places)	17.09.21 & 19.09.21	Tamil Nadu
Dry	17.09.21	Puducherry

Chief Amounts of Rainfall (in cms):-

17.09.21 : Pandavaiyar Head (dist Tiruvarur), Sivalogam (dist Kanyakumari) 5 each, Tirupoondi (dist Nagapattinam) 4, Needamangalam (dist Tiruvarur), Tozhudur (dist Cuddalore), Vanamadevi (dist Cuddalore) 3 each, Gummidipoondi (dist Tiruvallur), Thalaignayer (dist Nagapattinam), Labbaikudikadu (dist Perambalur), Kuzhithurai (dist Kanyakumari), Jayamkondam (dist Ariyalur), Devakottai (dist Sivaganga), Kodaikanal (dist Dindigul), Chittar (dist Kanyakumari), Thirumanur (dist Ariyalur), Sholavandan (dist Madurai), Billimalai (dist Nilgiris), Navalur Kottapattu (dist Trichirapalli) 2 each, Eraiyur (dist Perambalur), Chinnakalar (dist Coimbatore), Pechiparai (dist Kanyakumari), Chittampatti (dist Madurai), Thanjavur (dist Thanjavur), Kamudhi (dist Ramanathapuram), Natham (dist Dindigul), Sendurai (dist Ariyalur), Edapadi (dist Salem), Karambakudi (dist Pudukkottai), K.paramathi (dist Karur), Uthangarai (dist Krishnagiri), Paramakudi (dist Ramanathapuram), Bhuvanagiri (dist Cuddalore), Dindigul (dist Dindigul), Kurinjipadi (dist Cuddalore), Cincona (dist Coimbatore) 1 each.

18.09.21 : Tiruvadana (dist Ramanathapuram) 12, Tondi (dist Ramanathapuram) 11, Perungalur (dist Pudukkottai) 10, Kallikudi (dist Madurai) 9, Viralimalai (dist Pudukkottai) , Kariyapatti (dist Virudhunagar) 7 each Alangudi (dist Pudukkottai) , Mannargudi (dist Tiruvarur) , Peravurani (dist Thanjavur) 6 each Srimushnam (dist Cuddalore), Arani (dist Tiruvannamalai) , K.M.Koil (dist Cuddalore) ,

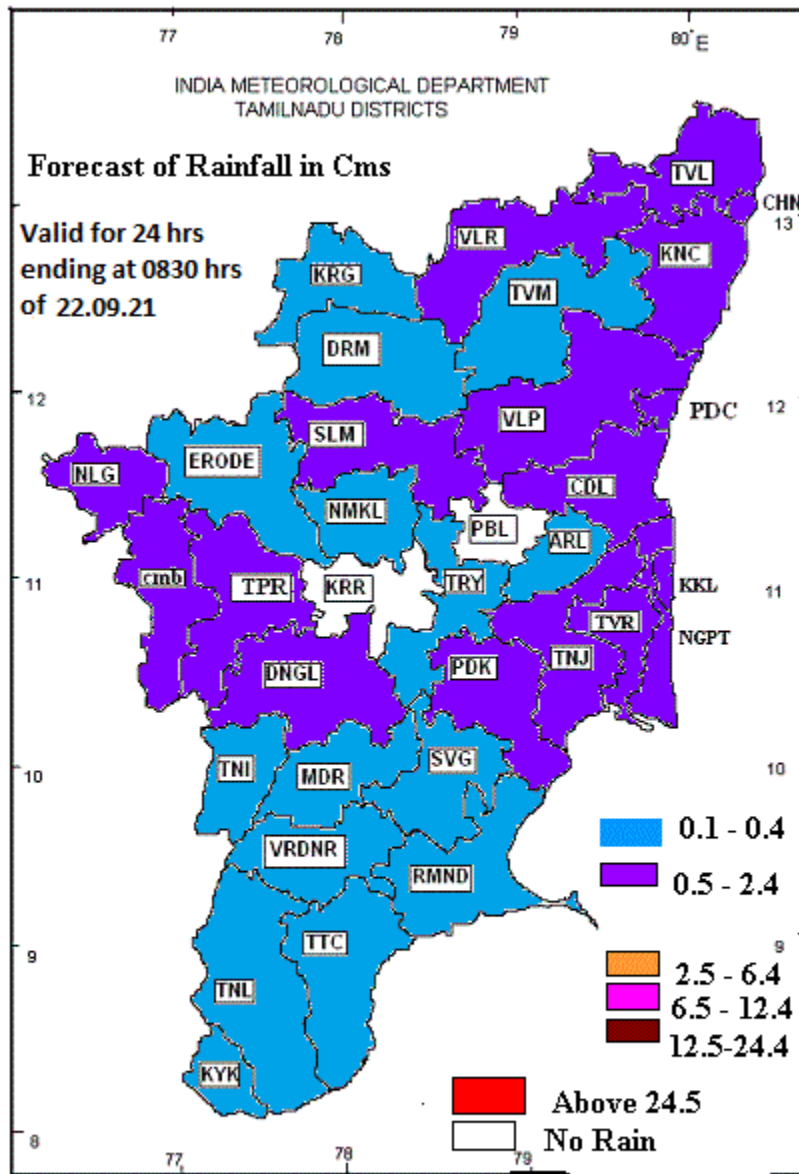
Kaveripakkam (dist Ranipet) , Virudachalam (dist Cuddalore) , Illuppur (dist Pudukkottai) , Thogaimalai (dist Karur) , Parangipettai (dist Cuddalore) , Mahabalipuram (dist Chengalpattu) , Pallipattu (dist Tiruvallur) 4 each. Periyanaickenpalayam (dist Coimbatore) , Kodaikanal (dist Dindigul) , Thuvakudi IMTI (dist Trichy) , Madurai South (dist Madurai) , Mayiladuthurai (dist Mayiladuthurai) , Marungapuri (dist Trichy) , Annavasal (dist Pudukkottai) , Gandarvakottai (dist Pudukkottai) , Cheyyar (dist Tiruvannamalai) , Veppanthattai (dist Perambalur) , Tirukattupalli (dist Thanjavur) , Usilampatti (dist Madurai) , Satankulam (dist Thoothukudi) , Grand Anaicut (dist Thanjavur) , Tiruchengode (dist Namakkal) 3 each. Pelandurai (dist Cuddalore), Sholavandan (dist Madurai) , Labbaikudikadu (dist Perambalur) , Ramanathapuram (dist Ramanathapuram) , Karaikal (dist Karaikal) , Vandavasi (dist Tiruvannamalai) , Tozhudur (dist Cuddalore) , Erode (dist Erode) , Vallam (dist Thanjavur) , Agaram Seegoor (dist Perambalur) , Manapparai (dist Trichy) , Thanjavur (dist Thanjavur) , Tirumangalam (dist Madurai) , Kurinjipadi (dist Cuddalore) , Viraganur Dam (dist Madurai) , Kadambur (dist Thoothukudi) , Palavidithi (dist Karur) , Mimal (dist Pudukkottai) , Polur (dist Tiruvannamalai) , Airport Madurai (dist Madurai) , Uthukottai (dist Tiruvallur) , Manalmedu (dist Mayiladuthurai) 2 each. Cuddalore (dist Cuddalore) , Kadavur (dist Karur) , Jayamkondam (dist Ariyalur) , Neyveli Aws (dist Cuddalore), Ketti (dist Nilgiris) , Thanjavur Pto (dist Thanjavur) , Pudukkottai (dist Pudukkottai) , Kelambakkam (dist Chengalpattu) , Tirupattur (dist Sivaganga) , R.S.Mangalam (dist Ramanathapuram) , Thirukalukundram (dist Chengalpattu) , Ambattur (dist Tiruvallur) , Chinnakallar (dist Coimbatore) , Chettikulam (dist Perambalur) , Lalgudi (dist Trichy) , Perambur (dist Chennai) , Sholingur (dist Ranipet) , Keeranur (dist Pudukkottai) , Pandavaiyar Head (dist Tiruvarur) , Tirumayam (dist Pudukkottai) , Andipatti (dist Theni) , Avudayarkoil (dist Pudukkottai) , Virudhunagar (dist Virudhunagar) , Coimbatore Aws (dist Coimbatore) , Uthagamandalam (dist Nilgiris) , Villupuram (dist Villupuram) , TRP Ap (dist Trichy) , Arantangi (dist Pudukkottai) , DGP Office (dist Chennai) , Pulipatti (dist Madurai) , Chennai Ap (dist Chennai) , Alandur (dist Chennai) , Thenparanadu (dist Trichy) , Puzhal Arg (dist Tiruvallur) , Natham (dist Dindigul) , Ponnamaravathi (dist Pudukkottai) 1 each.

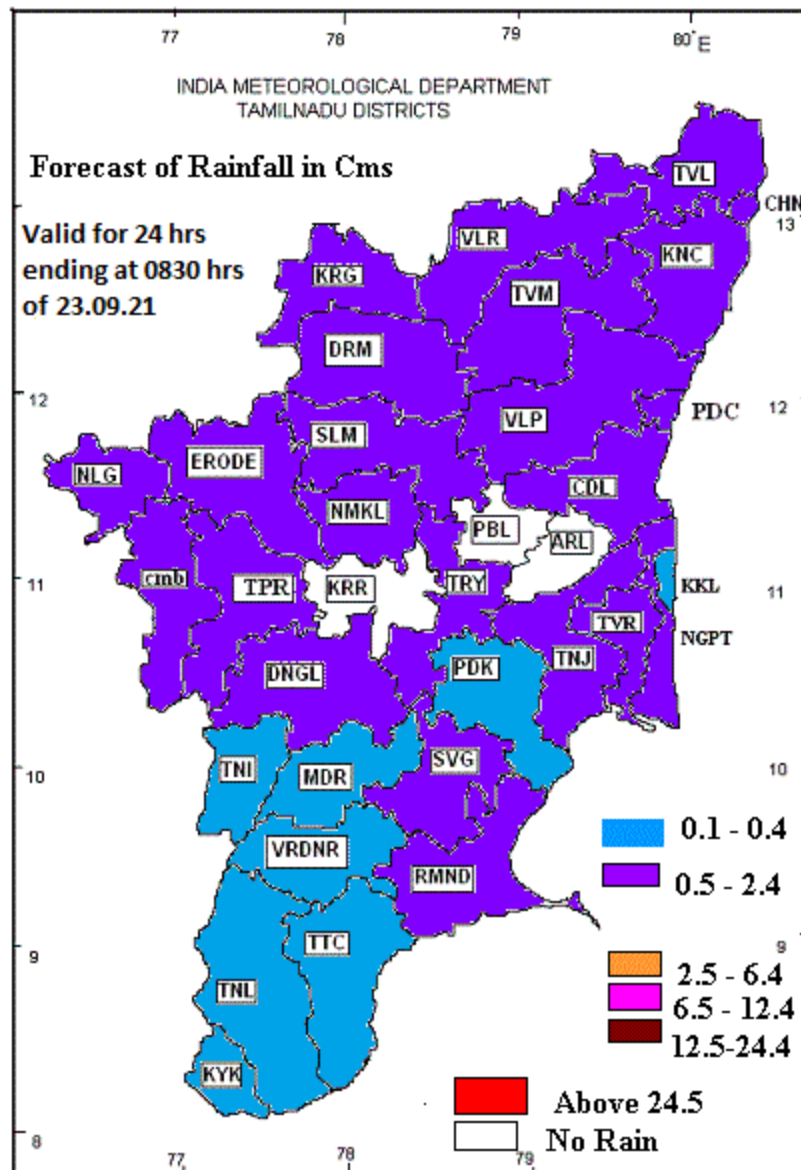
19.09.21 : Vaniaymbadi (dist Tirupattur), Kalasapakkam (dist Thiruvannamalai) 9 each, Ambur (dist Tirupattur) 7, Paramakudi (dist Ramanathapuram) 6, Ponneri (dist Tiruvallur), Jamunamarathur (dist Thiruvannamalai) 5, Wallajah (dist Ranipet), Chengam (dist Tiruvannamalai) 4 each, Vadapudupattu (dist Tirupattur), Polur (dist Tiruvannamalai), Peraiyur (dist Madurai), Thenkasi (dist Tenkasi), Sholavandan (dist Madurai), Sivakasi (dist Virudhunagar), Ammoor (dist Ranipet) 3 each, Arcot (dist Ranipet), Nanguneri (dist Tirunelveli), Pallamorkulam (dist Ramanathapuram), Bhoothapandy (dist Kanyakumari), Kuppampatti (dist Madurai), Ketandapatti (dist Tirupattur) , Kannimar (dist Kanyakumari) 2 each, Kamudhi (dist Ramanathapuram), Ammundi (dist Vellore), Natrampalli (dist Tirupattur), Thiruchuzhi (dist Virudhunagar), Katpadi (dist Vellore), Suralacode (dist Kanyakumari), Vadipatti (dist Madurai), Vandavasi (dist Tiruvannamalai), Srivilliputhur (dist Virudhunagar), Alangayam (dist Tirupattur), Ayikudi (dist Tenkasi), Keelpennathur (dist Tiruvannamalai), Avalurpettai (dist Villupuram) 1 each.

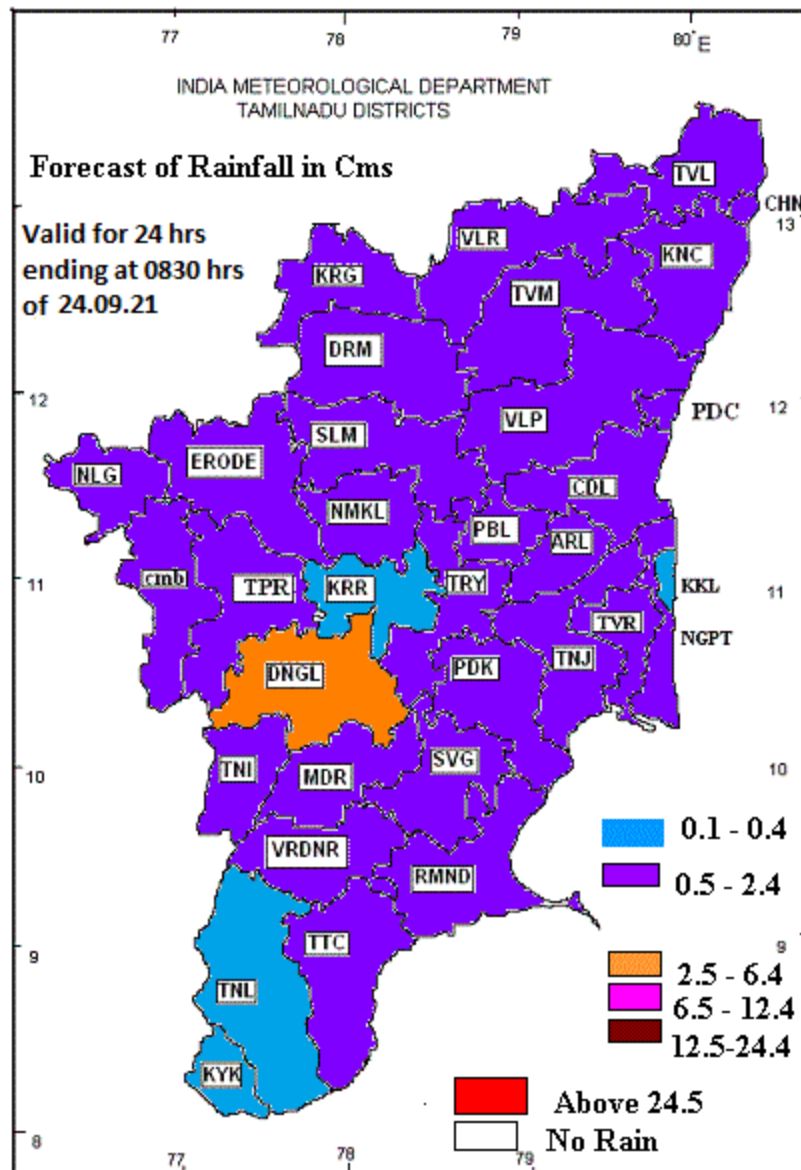
20.09.21 : Wallajah (dist Ranipet) 11, Chettikulam (dist Perambalur), Vepur (dist Cuddalore), Kattumayilur (dist cuddalore) 9 each, Veeraganoor (dist Salem), Kalayanallur (dist Kallakurichi) 8, Ammundi (dist Vellore), Sankarapuram (dist Kallakurichi), Katpadi (dist Vellore), Sathanur Dam (dist Tiruvannamalai), Chengam (dist Tiruvannamalai), Thiyagadurgam (dist Kallakurichi) 7 each, Musiri (dist Trichy), Yercaud (dist Salem), Ambur (dist Tirupattur) Rishivandhiyam(dist Kallakurichi) 6 each, Perambalur (dist Perambalur), Madukkur (dist Thanjavur), Kallakurichi (dist Kallakurichi), Thandarampettai (dist Tiruvannamalai), R.K.Pet (dist Tiruvallur), Vedasandur (dist Dindigul), Aravakurichi (dist Karur), Krishnagiri (dist Krishnagiri), Mylaudy (dist Kanyakumari), Padalur (dist Perambalur) 5 each, Virudachalam (dist Cuddalore), K.paramathi (dist Karur), Arcot (dist Ranipet), Thanjai Papanasam (dist

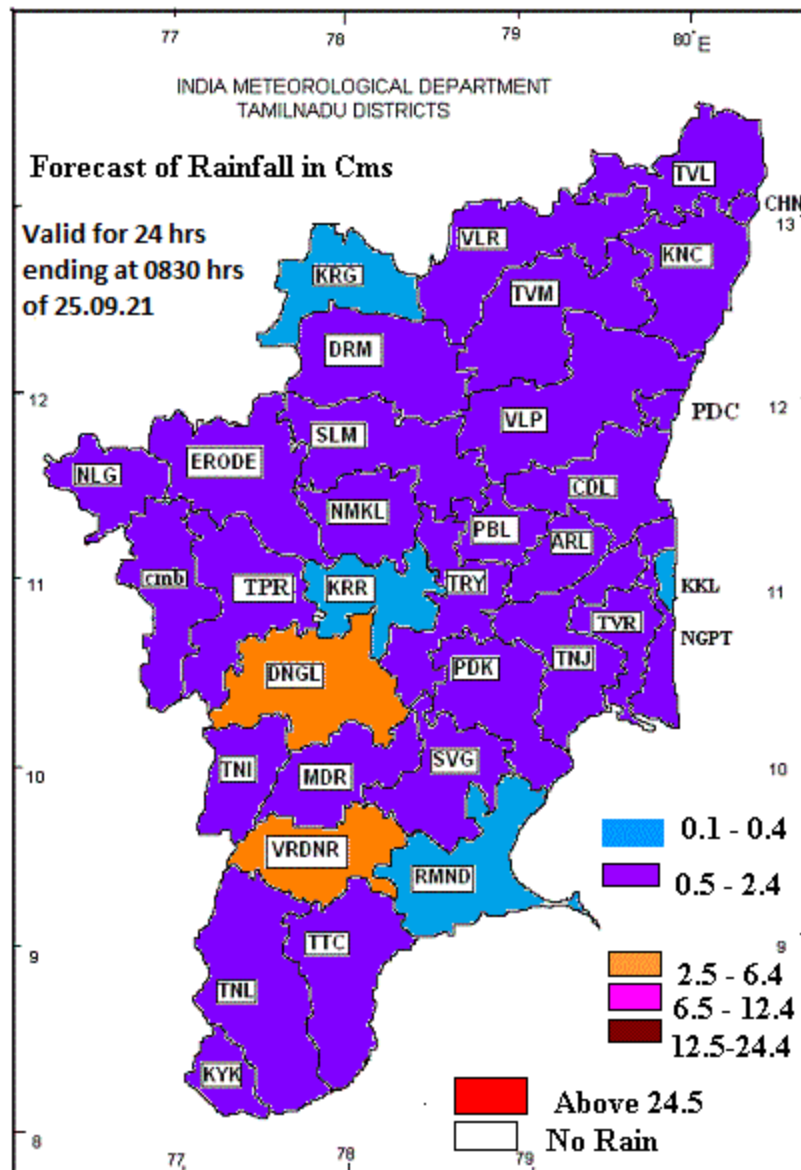
Thanjavur), Kamatchipuram (dist Dindigul), Grand Anaicut (dist Thanjavur), Vadapudupattu (dist Tirupattur), Kalavai Aws (dist Ranipet), Alangayam (dist Tirupattur), Kulithalai (dist Karur), Vandavasi (dist Tiruvannamalai), Sholingur (dist Ranipet), Vellore (dist Vellore), Natrampalli (dist Tirupattur), Rishivandhiyam(dist Kallakurichi), Kadavanur (dist Kallakurichi) , Sulangurichi (dist Kallakurichi), Vallathy (dist Villupuram) 4 each, Manalmedu (dist Mayiladuthurai), Tirupathur Pto (dist Tirupattur), Pullambadi (dist Trichy), Pelandurai (dist Cuddalore), Budalur (dist Thanjavur), Sendurai (dist Ariyalur), Paiyur Aws (dist Krishnagiri), Pennagaram (dist Dharmapuri), Danishpet (dist Salem), Melalathur (dist Vellore), Polur (dist Tiruvannamalai), Samayapuram (dist Trichy), Kayathar Arg (dist Toothukudi), Barur (dist Krishnagiri), Nedungal (dist Krishnagiri), Vedaranyam (dist Nagapattinam), Ayyampettai (dist Thanjavur), Vallam (dist Thanjavur), K.m.koil (dist Cuddalore), Kangeyam (dist Tiruppur), Kadambur (dist Toothukudi), Kuppanatham (Cuddalore), Adirampatnam (dist Thanjavur) 3 each, Thuvakudi Imti (dist Trichy), Lalgudi (dist Trichy), Vathalai Anaicut (dist Trichy), Tirukattupalli (dist Thanjavur), Mannargudi (dist Tiruvarur), Pochampalli (dist Krishnagiri), Virinjipuram Aws (dist Vellore), Pandavaiyar Head (dist Tiruvarur), Ponnai Dam (dist Vellore), Thanjavur (dist Thanjavur), Needamangalam (dist Tiruvarur), Karur (dist Karur), Shoolagiri (dist Krishnagiri), Pattukottai (dist Thanjavur), Thirumanur (dist Ariyalur), Penucondapuram (dist Krishnagiri), Cheyyar (dist Tiruvannamalai), Vaniaymbadi (dist Tirupattur), Hosur (dist Krishnagiri), Labbaikudikadu (dist Perambalur), Palladam (dist Tiruppur), Veerapandi (dist Theni), Valangaiman (dist Tiruvarur), Orthanad (dist Thanjavur), Virudhunagar (dist Virudhunagar), Thiruvannainallur(dist villupuram) 2 each. Uttamapalayam (dist Theni), Tirukoilur (dist Kallakurichi), Thammampatty (dist Salem), Gudiyatham (dist Vellore), Mettur (dist Salem), Srivilliputhur (dist Virudhunagar), Karaikal (dist Karaikal), Uthangarai (dist Krishnagiri), Tiruvarur (dist Tiruvarur), Chinnakalar (dist Coimbatore), Sirkali (dist Mayiladuthurai), Agaram Seegoor (dist Perambalur), Mohanur (dist Namakkal), Erumapatti (dist Namakkal), Salem (dist Salem), Srimushnam (dist Cuddalore), Panchapatti (dist Karur), Puducherry (dist Puducherry), Mayanur (dist Karur), Ariyalur (dist Ariyalur), Thuraiyur (dist Trichy), Thali (dist Krishnagiri), Mylam Aws (dist Villupuram), Uthiramerur (dist Kancheepuram), Attur (dist Salem), Denkanikottai (dist Krishnagiri), Ulundurpet (dist Kallakurichi), Palani (dist Dindigul), Thanjavur PTO (dist Thanjavur), Ettayapuram (dist Toothukudi), Kancheepuram (dist Kancheepuram), Kaveripakkam (dist Ranipet), Jayamkondam (dist Ariyalur), Tindivanam (dist Villupuram), Tozhudur (dist Cuddalore), Kodaikanal (dist Dindigul), Udhagamandalam(dist Nilgiris) 1 each.

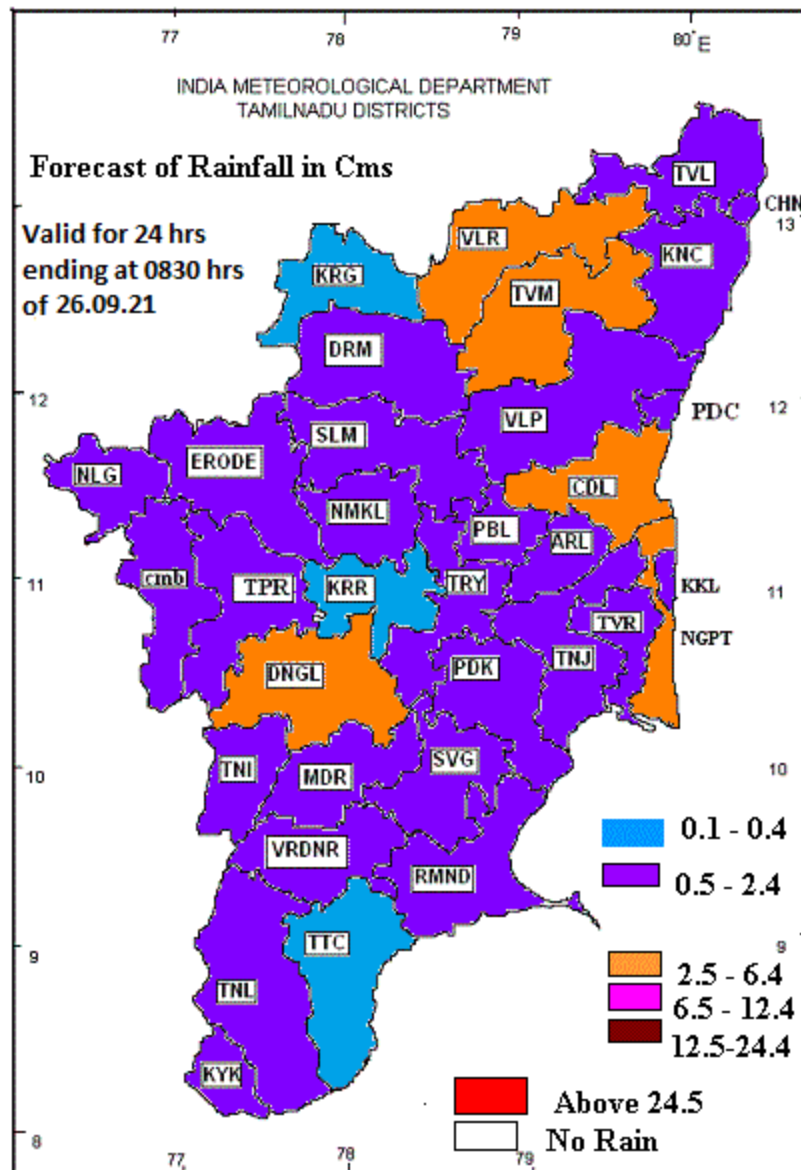
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 21.09.21
VALID FOR THE NEXT 5 DAYS**











Districtwise Agromet Advisories

Chennai

SMS Advisory: (21.09.2021-25.09.2021)

Heavy rain is likely to occur at isolated places over Villupuram, Cuddalore, Perambalur, Ariyalur, Pudukkottai, Vellore, Kancheepuram, Chengalpattu, Ranipet, Tiruvallur, Salem, Tiruvannamalai, Kallakurichi and Delta districts of Tamil Nadu.

Livestock Advisory

1. Since moderate rainfall is forecasted in the forthcoming week precautions must be taken to close the pit_outs in the roof of livestock shelter to prevent rainwater indulgence. 2. The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm. 3. The floor of nursery piglet shed must be cleaned with luke warm saline or with any other commercial disinfectant to prevent E.coli infection, which in adverse cases of infection leads to diarrhoea and mortality. 4. The sheep and goat must be vaccinated against Enterotoxaemia infection. 5. To prevent mosquitoes menace the livestock shed may be fumigated with Vitex Negundo dried leaves once in a week 6. The newly kidded doe must be vaccinated with TT (Tetanus Toxide) 7. Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides). 8. Sheep and goat grazing on green lush newly erected grass are highly prone to Clostridium Perfringers type D infection. Hence they should not be allowed to graze in newly grown lush grass. This disease is also known as over eating diseases. 9. Present maximum and minimum temperature is feasible for rabbit production, hence the rabbit may be allowed for individual mating or colony mating. 10. The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

Kancheepuram

As per IMD Extended Range Forecast for the period of 26.09.2021 to 02.10.2021 Tamil Nadu & Pondicherry region may likely to receive higher rainfall than the rainfall. During 22.09.2021- 26.09.2021 Thunderstorm with lightning is likely to occur at isolated places over Kancheepuram & Chengalpattu district. Farmers are advised sow Dhaincha green manure crop seeds using this forecasted rainfall. For vegetable crops farmers are advised postpone the irrigation and proper drainage facility may create to drain the excess rain water.

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.
Horticulture(Varieties)	Horticulture Specific Advisory
BITTER GOURD	There are possibilities of semilooper infestation in bitter gourd crop. The loopers may cut the edges of leaf lamina, folds it over the leaf and feeds from within leaf roll. If symptoms are observed farmers may spray Dimethoate 30 EC @500 ml/ha or Methyl demeton 25 EC @ 500 ml/ha

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Farmers are advised to vaccinate their dairy animals against FMD disease in nearby veterinary dispensary to protect them against disease incidence. Farmers are advised to deworm & detick the calves and cattle before monsoon to avoid parasitic incidence.
SHEEP	Farmers are advised to protect their sheep and goat against PPR by vaccinating in nearby veterinary dispensary. Farmers may deworm and detick the goat and sheep before monsoon to protect them from disease.
Fisheries(Varieties)	Fisheries Specific Advisory
INLAND	By viewing the rainfall forecast farmers are advised to reduce the farm water level of 20-30 cm from normal. Farmers are advised to avoid feeding of fungal infected feed during rainy season to avoid disease incidents in fishes.
COMMON FISH	To avoid parasitic infection in fish pond farmers are advised to apply hydrated/burnt 100-200 kg/ha at 1-2 week interval depends on the pH condition.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Farmers are advised to provide proper brooding facility to chicks to avoid the mortality.
CHICKEN	Boil the water with turmeric powder + paper + Cumin seeds then cool and provide to birds to avoid the water infection.

Villupuram

SMS Advisory: (21.09.2021-25.09.2021)

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2. The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm.
3. The floor of nursery piglet shed must be cleaned with luke warm saline or with any other commercial disinfectant to prevent E.coli infection, which in adverse cases of infection leads to diarrhoea and mortality.
4. The sheep and goat must be vaccinated against Enterotoxaemia infection.
5. To prevent mosquitoes menace the livestock shed may be fumigated with Vitex Negundo dried leaves once in a week.
6. The newly kidded doe must be vaccinated with TT (Tetanus Toxide).
7. Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides).
8. Sheep and goat grazing on green lush newly erected grass are highly prone to Clostridium Perfringers type D infection. Hence they should not be allowed to graze in newly grown lush grass. This disease is also known as over eating diseases.
9. Present maximum and minimum temperature is feasible for rabbit

production, hence the rabbit may be allowed for individual mating or colony mating. 10. The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water. Agricultural advisory Rice: 1. In paddy field black bug infestation is seen in some par (Kurinjipadi block) of Cuddalore district. The bug sucks the sap from the base of the tillers, as a result the plants are giving "bug burn" symptoms. The earheads become chaffy. The following integrated to manage the black bug. Establish light traps to attract matured bugs. Flood the fields to kill eggs and young ones. The stubbles remaining in the field after harvest should be ploughed in situ to kill eggs of young ones. If the infestation exceeds economic threshold level (5 bugs/hill) spray acephate 625 g/ha or neem seed kernel extract 5 %. Avoid paddy cultivation with same varieties year after year. Sugarcane: 2. Due to prevailing weather condition changes of sugarcane Top shoot borer infection. To control apply carbofuran 3% CG @ 66 kg/ha or chlorantraniliprole 0.4% G @ 18.75 kg/ha or chlorantraniliprole 18.5% SC 375 ml/ha. Groundnut: 3. 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: 4. 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. Cumbu: 5. Due to prevailing weather conditions favourable for shoot fly infestation in cumbu. To control spray methyl demeton 25 EC 500 ml/ha or dimethoate 30 EC 500 ml/ha. Black gram: 6. To reduce the root rot infection in Blackgram, Bacillus subtilis 1 kg/ha + Trichoderma, Aspergillus 1 kg/ha + Farm yard manure 25 1 kg/ha Spray the first time during the last plough and the second time after the first weeding (20- 25 DAS). Cotton: 7. 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. Tapioca: 8. Prevailing weather condition is favorable for mealy bug infestation in tapioca crop. To control spray fluonicamid 50 % WG 60 g/acre or spirotetramat 150 OD 250 ml/acre or thiamethoxan 25 WDG 40 g/acre.

Thiruvannamalai

SMS Advisory: (21.09.2021-25.09.2021)

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Livestock Advisory:

1. Since moderate rainfall is forecasted in the forthcoming week precautions must be taken to close the pit_outs in the roof of livestock shelter to prevent rainwater indulgence.
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4. The sheep and goat must be vaccinated against Enterotoxaemia infection.
5. To prevent mosquitoes menace the livestock shed may be fumigated with Vitex Negundo dried leaves once in a week
6. The newly kidded doe must be vaccinated with TT (Tetanus Toxide)
7. Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides).
8. Sheep and goat grazing on green lush newly erected grass are highly prone to Clostridium Perfringers type D infection. Hence they should not be allowed to graze in newly grown lush grass. This disease is also known as over eating diseases.
9. Present maximum and minimum temperature is feasible for rabbit production, hence the rabbit may be allowed for individual mating or colony mating.
10. The stagnated

water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water. Agricultural advisory Rice: 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. Groundnut: 2. To control leaf minor in groundnut, spray Malathian 50 EC 1.25 litre/ha. Tikka leaf spot, spray Mancozeb @ 2g / litre. Brinjal: 3. To control shoot borer/ fruit borer, spray Azadirachtin 1% EC (10000 ppm) 3ml/litre or Flubendiamide 20WDG 7.5g/10 litre. Papaya: 4. To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre Guava: 5. To control guava mealy bug, spray profenophos @ 2ml / litre + neem oil 5 ml.

Thiruvallur

From the extended range forecast, Above normal rainfall and normal temperature expected for the period of 26th September to 2nd October over Tamil Nadu. 1. Avoid fertilizer and spraying operation; 2. based on soil moisture provide irrigation to the crop.

Crop(Varieties)	Crop Specific Advisory
RICE	1.Sornavari Season- Rice- farmers are advised to harvest the mature crop and maintain 8-12% moisture content for safe storage; 2.Samba season- Rice-Nursery stage- 1.Thrips- Spray Thiamethoxam 25% WG 4g/20 cent in 40 litre of water; 2.Green plant hopper- Broadcast carbofuran 3% CG 3.5 kg in 20 cents and Maintain 2.5 cm of water in the nursery.
RICE	Samba season- Rice- Transplanting and Tillering stage-1. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g. (Or) ; 2.Whorl maggots- Spray Cartap hydrochloride 4% G 7.5-10 kg (or) Spray Fipronil 5% SC 400- 600 g per acre in 200 litres of wate; 3.Algae growth- To control Copper sulfate at the rate of 1 kg per acre can be mixed with irrigation water ;
SUGARCANE	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.
OKRA/ LADYFINGER	Bhendi- 1.Fruit borer- Spray Azadirachtin 0.03 % 5.0g / l. (or) Buprofezin 70 DF 5.5 ml/10 l; and Set up pheromone trap @ 5 / acre; 2.Yellow Mosaic Virus (white fly)- - Spray azadirachtin 0.03 WSP @ 5 g/10l (or) thiamethoxam 25 WG @ 2 g/lit to kill the insect vector, whitefly.
Horticulture(Va rieties)	Horticulture Specific Advisory
CHILLI	Chilli- Thrips- Spray imidacloprid 17.8% SL 3.0 ml/10 litre of water (OR) Spray fipronil 5% SC 1 ml/ litre of water.
BRINJAL	Brinjal -1. Hadda / spotted beetle- Spray Azadirachtin 1.0% EC (10000 ppm) 3.0 ml/L and Collect the beetles, grubs, pupae and destroy; 2.Fruit borer- Spray Neem Seed Kernel Extract 5 % (or) Spray Dimethoate 30 % EC 7.0 ml/10 l. and Encourage the activity of larval parasitoids: Pristomerus testaceus, Cremastus flavoorbitalis.

GUAVA	Guava- Spray Triozhophos 2 ml+ neem oil 5 ml / 1lit.
COCONUT	Coconut- Rhinoceros beetle- 1.Sevidol 8G 25 g + fine sand 200 g, which is to be done thrice in a year in April-May, September-October and December-January; 2. For seedlings, apply Naphthalene balls 10.5 g (approx. three to four balls) covered with fine sand, once in 45 days.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	During these periods, vaccinate 6-month-old calves and older animals against Haemorrhagic Septicaemia (HS) as advised by the veterinarian.

Vellore

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be receive above normal rainfall and normal temperature for the period of 26.09.2021 to 02.10.2021. 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. Moderate rainfall may be expected on forthcoming days. So, 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 chlorantraniliprole 5ml or Flubendiamide @ 0.7ml/litre.
GROUNDNUT	To control leaf minor in groundnut, spray Malathian 50 EC 1.25 litre/ha. Tikka leaf spot, spray Mancozeb @ 2g / litre.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	To control shoot borer/ fruit borer, spray Azadirachtin 1% EC (10000 ppm) 3ml/litre or Flubendiamide 20WDG 7.5g/10 litre.
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 guava mealy bug, spray profenophos @ 2ml / litre + neem oil 5 ml.
PAPAYA	To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging. Moreover the floors must be sprinkled with bleaching powder to maintain bio security in farm.
GOAT	Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector (Culicoides).

Poultry(Varieties)	Poultry Specific Advisory
BREEDER	The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry Cestode which tends to develop in stagnated water.

Cuddalore

From extended range forecast rainfall above normal, maximum temperature and minimum temperature normal expected for the period of 26.09.2021 to 02.10.2021 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
SUGARCANE	Due to prevailing weather condition changes of sugarcane Top shoot borer infection. To control apply carbofuran 3% CG @ 66 kg/ha or chlorantraniliprole 0.4% G @ 18.75 kg/ha or chlorantraniliprole 18.5% SC 375 ml/ha.
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 1.0 kg/ha Spray the first time during the last plough and the second time 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
TAPIOCA	Prevailing weather condition is favorable for mealy bug infestation in tapioca crop. To control spray fluonicamid 50 % WG 60 g/acre or spirotetramat 150 OD 250 ml/acre or thiamethoxan 25 WDG 40 g/acre.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Harvesting of the millets and minor millets may be postponed considering the expected rainfall. Light rainfall with wind speed of 15 km/hour is expected. Hence provide adequate support to banana and sugarcane.
Rice	Nursery preparation and Tillering	By utilizing the opt weather, transplanting of samba rice may be continued. Considering the lower availability of ground and river water, four points must be considered for the management of samba rice. Sow medium duration (135 days) rice varieties.

		Direct sowing or nursery can be raised for planting. Apply Butachlor @ 1.25kg mixed with sand @ 50kg / ha for 3 to 4 days after transplanting, water should not be drained. Adopt alternate wetting and drying method of irrigation.
Groundnut	Flowering	With the receipt of anticipated rainfall dry lands may be prepared for sowing of pulses, groundnut and millets during Northeast Monsoon.
Cotton	Vegetative and flowering	Since moderate rainfall is expected, drainage may be provided to both rainfed and irrigated cotton crops. To avoid the flower shedding, spray NAA 40 PPM in 60 - 90 days after sowing. (40 mg of NAA dissolved in 1 liter of water will give the concentration of 40 PPM). To arrest the terminal growth nipping the terminal portion of the main stem beyond the 15 th node should be done. By utilizing the light rainfall, do earthing up, which also helpful against stem weevil.
Sugarcane	Vegetative	Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall.
Grapes		Due to present humidity and warm temperature, anthracnose incidence may be noticed. Spray 1% Bordeaux mixture or 0.25% Copper fungicide.
Coconut		By utilizing the drizzling rainfall, basins may be deepened to the coconut so as to store monsoon rains in the soil profile.
Turmeric	Vegetative	Prevailing high relative humidity with high cloud is favorable for the leaf spot disease in turmeric. Hence farmers are requested to monitor the crop carefully spray and Mangozeb @ 2.5 g per liter of water if disease is noticed. Since rain is anticipated, 120 days old irrigated turmeric may be top dressed with 25 kg N and 18Kg K ₂ O / ha.
Animal		Since rainfall is expected drainage in and around cattle and poultry sheds may be provided to avoid water stagnation. Further farmers are requested to safeguard the feed and fodder material from rain soaking 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.

SMS advisory

To arrest the terminal growth in cotton, nipping of terminal portion of the main stem beyond the 15th node is advised.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Harvesting of the millets and minor millets may be postponed considering the expected rainfall. Light rainfall with wind speed of 15 km/hour is expected. Hence provide adequate support to banana and sugarcane.
Rice	Nursery preparation	By utilizing the opt weather, transplanting of samba rice may be continued.

	and Tilling	Considering the lower availability of ground and river water, four points must be considered for the management of samba rice. Sow medium duration (135 days) rice varieties. Direct sowing or nursery can be raised for planting. Apply Butachlor @ 1.25kg mixed with sand @ 50kg / ha for 3 to 4 days after transplanting, water should not be drained. Adopt alternate wetting and drying method of irrigation.
Sorghum	Land preparation	By utilizing the anticipated rainfall, land preparation may be initiated in rainfed black soil towards pre monsoon sowing. By utilizing expected rainfall top dressing of the nitrogen @ 25kg Urea / ac in fodder sorghum may be done after the receipt rainfall
Maize	Sowing	By utilizing past week and expected rainfall, maize crop can be sown in both under irrigated as well as rainfed condition. While growing the crop under rainfed condition, one or two lifesaving irrigations are necessary.
Groundnut	Flowering	With the receipt of anticipated rainfall dry lands may be prepared for sowing of pulses, groundnut and millets during Northeast Monsoon.
Cotton	Vegetative and flowering	Since moderate rainfall is expected, drainage may be provided to both rainfed and irrigated cotton crops. To avoid the flower shedding, spray NAA 40 PPM in 60 - 90 days after sowing. (40 mg of NAA dissolved in 1 liter of water will give the concentration of 40 PPM). To arrest the terminal growth nipping the terminal portion of the main stem beyond the 15 th node should be done. By utilizing the light rainfall, do earthing up, which also helpful against stem weevil.
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 accompanied with high wind speed of >15 km/hour. Provide adequate stacking to 5 months old and above banana against lodging.
Coconut		By utilizing the drizzling rainfall, basins may be deepened to the coconut so as to store monsoon rains in the soil profile.
Tapioca		Best time for planting tapioca under irrigated condition. The tapioca sett must be 15 cm long with 8-10 nodes, taken from middle portion of the stem. Before planting, sett should be dipped in carbendazim solution @ 1g in 1 lit water for 15 minutes.
Turmeric	Vegetative	Prevailing high relative humidity with high cloud is favorable for the leaf spot disease in turmeric. Hence farmers are requested to monitor the crop carefully spray and Mangozeb @ 2.5 g per liter of water if disease is noticed. Since rain is anticipated, 120 days old irrigated turmeric may be top dressed with 25 kg N and 18Kg K ₂ O / ha.
Animal		Since rainfall is expected drainage in and around cattle and poultry sheds may be provided to avoid water stagnation. Further farmers are requested to safeguard the feed and fodder material from rain soaking 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.

SMS advisory

To arrest the terminal growth in cotton, nipping of terminal portion of the main stem beyond the 15th node is advised.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Harvesting of the millets and minor millets may be postponed considering the expected rainfall. Light rainfall with wind speed of 15 km/hour is expected. Hence provide adequate support to banana and sugarcane.
Rice	Nursery preparation and Tillering	By utilizing the opt weather, transplanting of samba rice may be continued. Considering the lower availability of ground and river water, four points must be considered for the management of samba rice. Sow medium duration (135 days) rice varieties. Direct sowing or nursery can be raised for planting. Apply Butachlor @ 1.25kg mixed with sand @ 50kg / ha for 3 to 4 days after transplanting, water should not be drained. Adopt alternate wetting and drying method of irrigation.
Sorghum	Land preparation	By utilizing the anticipated rainfall, land preparation may be initiated in rainfed black soil towards pre monsoon sowing. By utilizing expected rainfall top dressing of the nitrogen @ 25kg Urea / ac in fodder sorghum may be done after the receipt rainfall
Maize	Sowing	By utilizing past week and expected rainfall, maize crop can be sown in both under irrigated as well as rainfed condition. While growing the crop under rainfed condition, one or two lifesaving irrigations are necessary.
Cotton	Vegetative and flowering	Since moderate rainfall is expected, drainage may be provided to both rainfed and irrigated cotton crops. To avoid the flower shedding, spray NAA 40 PPM in 60 - 90 days after sowing. (40 mg of NAA dissolved in 1 liter of water will give the concentration of 40 PPM). To arrest the terminal growth nipping the terminal portion of the main stem beyond the 15 th node should be done. By utilizing the light rainfall, do earthing up, which also helpful against stem weevil.
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 accompanied with high wind speed of >15 km/hour. Provide adequate stacking to 5 months old and above banana against lodging.
Coconut		By utilizing the drizzling rainfall, basins may be deepened to the coconut so as to store monsoon rains in the soil profile.
Tapioca		Best time for planting tapioca under irrigated condition. The tapioca sett must be 15 cm long with 8-10 nodes, taken from middle portion of the stem. Before planting, sett should be dipped in carbendazim solution @ 1g in 1 lit water for 15 minutes.
Turmeric	Vegetative	Prevailing high relative humidity with high cloud is favorable for the leaf

		<p>spot disease in turmeric. Hence farmers are requested to monitor the crop carefully spray and Mangozeb @ 2.5 g per liter of water if disease is noticed.</p> <p>Since rain is anticipated, 120 days old irrigated turmeric may be top dressed with 25 kg N and 18Kg K₂O / ha.</p>
Animal		<p>Since rainfall is expected drainage in and around cattle and poultry sheds may be provided to avoid water stagnation.</p> <p>Further farmers are requested to safeguard the feed and fodder material from rain soaking</p> <p>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.</p>

SMS advisory

To arrest the terminal growth in cotton, nipping of terminal portion of the main stem beyond the 15th node is advised.

Nilgiris

Agro Advisory

Crop	Stage	Advisory
General	All the stage	In carrot crops during before sowing, application of neem cake @ 1 ton/ha at planting. Biofumigation of mustard plants followed by application of neemcake @ 250kg/ha along with Purpureocillium lilacinum @ 5kg/ha or application of P. lilacinum as seed treatment @ 20g/kg of seed followed by soil application @ 2.5kg/ha along with FYM @ 2.5 t/ha to reduce the nematode attack to the crops in the field.
Potato crops	Vegetative stage	Spray Gramaxone @ 2.5 l/ha in 500 lit of water as post - emergence. The critical period of weed-competition is upto 60 days and it is essential to keep the field weed-free during that period. Take up the first hoeing on 45th day without disturbing stolons and second hoeing and earthing up on 60th day.
Chrysanthemum	Flowering stage	Due to high relative humidity in the air, there may be a chance of fast spread of white rust disease in cut flower chrysanthemum grown under greenhouses. Foliar spray of Azoxystrobin @ 1ml/litre of water may be done to manage the disease spread.
Plantation crops		In ginger plantation, 37.5: 12.5 kg of N and K per ha applied on 45th and 90th day after planting may be given as top dressing per tree in the post monsoon period.
Cattle		Due to light rainfall, do not allow the animals to graze outside, provide adequate dry feed/fodder and drinking water.

SMS advisory

Due to light rainfall, do not allow the animals to graze outside, provide adequate dry feed/fodder and drinking water.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Thiruvarur

Agro Advisory

Crop	Stage	Advisory
Rice	Main field	The prevailing weather condition favors the stem borer incidence. To control this seedling treatment can be done with Chlorpyrifos 20 EC @ 2.5 ml/ Litre for 20 minutes or transplanting the seedling after cutting the tip of the leaf.
		For 1 acre Samba crop, apply 200 kg of gypsum, 10 kg zincsulphate, 15 kg of urea, 40 kg DAP and 10 kg potash as basal fertilizers. Apply 100 kg of neem cake before transplanting to avoid insect and nematode attack and nutrient loss due to rain.
Rice	Harvest	Light to moderate rainfall expecting forthcoming days, so farmers are advised to harvest the mature crop and maintain 8-12% moisture content for safe storage.
Coconut	Rhinoceros beetle	The Rhinoceros incidence will be more during this month to control this, for seedlings, apply Naphthalene balls 5-10 g (approx. three to four balls) covered with fine sand, once in 45 days. Also apply mixture of either neem seed powder + sand (1:2) @150g per palm or neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown.
Cattle	Cow	Avoid feeding water soiled grains or concentrate to livestock.

SMS advisory

Light to moderate rainfall expecting forthcoming days, so farmers are advised to harvest the mature crop and maintain 8-12% moisture content for safe storage.

Thiruchirapalli

Tamilnadu's average rainfall is likely to be increase than the normal during this week (22.09.2021 to 28.09.2021) From 3.60 mm to 4.18 mm. By utilize the opt weather, transplanting of samba rice may be continued. Due to high wind speed tip drying of leaves is observed in rice crop by collision of leaves not by disease. No need to spray.

Crop(Varieties)	Crop Specific Advisory
RICE	Land preparation for samba season may be taken up using the expected light rainfall. Before sowing treat the seeds with carbendzim 2g/kg.
SUGARCANE	Due to prevailing weather condition changes of sugarcane Top shoot borer infection. To control apply carbofuran 3% CG @ 66 kg/ha or chlorantraniliprole 0.4% G @ 18.75 kg/ha or chlorantraniliprole 18.5% SC 375 ml/ha.
COTTON	Due to prevailing weather condition there are chances of cotton green leaf hopper infestation. To control spray thiamethoxam 25 WG 0.6 gram/litre or imidacloprid 17.8 SL 0.6 ml/litre
Horticulture(Va rieties)	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	Prevailing weather condition is favourable for mealy bug infestation in tapioca crop. To control spray fluonicamid 50 % WG 60 g/acre or spirotetramat 150 OD 250 ml/acre or thiamethoxan 25 WDG 40 g/acre.
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	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.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Light to moderate rainfall expecting forthcoming days, so farmers are advised to harvest the mature crop and maintain 8-12% moisture content for safe storage.

Dindigul

Since some amount of rainfall is received recently in some parts of the district, farmers those who were not started the ploughing work can plan for land preparation and sowing activities. Postpone the spraying activities during the rainy days. Take necessary steps to harvest the rain water.

THUNDERSTORM WARNING: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu on 21 to 25 September 2021 Chances of Moderate rain during the next five days. Max temp-34°C-35°C & Min temp -24°C-25°C. Cloudy sky for next 5 days. Wind speed 10 kmph from SW direction.

Horticulture(Varieties)	Horticulture Specific Advisory
Faba bean/ Broad bean	Pruning activity can be carried out in the LabLab crop cultivation for getting good result. When the vine reaches the top of the pandal, the terminal bud can be nipped. Each branch may be pruned at three feet length. When flowering starts, prune the tip of the branches bearing inflorescence, having three nodes from the productive axil. Continue this procedure throughout the reproductive phase.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Due to the prevailing weather, diarrhoea may attack the Poultry. Keep the diseased birds separately. Medicate the drinking water with 2gm Microsol or Bactrisol + 5ml Vimrol Syrup / 1litre of water. Medicated water should be given to both the diseased, healthy and young chicks for 5 days during the morning and evening time.

Madurai

Since some amount of rainfall is received recently in some parts of the district, farmers those who were not started the ploughing work can plan for land preparation and sowing activities. Postpone the spraying activities during the rainy days. Take necessary steps to harvest the rain water.

THUNDERSTORM WARNING: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu on 21 to 25 September 2021. Chances of light rain on 22, 23 Sep & Moderate rain during 24, 25, 26 Sep. Max temp- 35°C & Min temp -24°C-25°C. Generally cloudy sky for next 5 days. Wind speed 10 kmph from SW direction.

Crop(Varieties)	Crop Specific Advisory
SUGARCANE	Symptoms of Phosphorus deficiency are noticed in Sugarcane. Colour of the leaves changes to greenish blue, reduction in length of sugarcane stalks, diameters of which taper rapidly at growing points. Poor or no tillering, decreased shoot / root ratio with restricted root development are the other symptoms of damages. To rectify this, apply large amount of Rock Phosphate, up to 1 tonne/ha. Foliar spray of DAP @ 20gm/litre at two times in fortnight intervals.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Due to the prevailing weather, diarrhoea may attack the Poultry. Keep the diseased birds separately. Medicate the drinking water with 2gm Microsol or Bactrisol + 5ml Vimrol Syrup / 1litre of water. Medicated water should be given to both the diseased, healthy and young chicks for 5 days during the morning and evening time.

Pudukottai

Extended Range Forecast For Tamil Nadu 26 .09.2021 to 02 .10.2021. During the Week from 26 th to 02 th October Above Normal Rainfall . maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu. Gap filling may be done if already crop is sown.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Farmers are advised to take up sowing on high yielding green gram variety (VBN– 3 and / VBN – 4) and black gram variety (VBN – 8 and VBN 10) with available moisture on receipt of Seed treatment with Trichoderma viridae 4g/kg of seed (or) Pseudomonas fluorescens 10 g/kg of seed will be effective against root rot disease in black gram.
GROUNDNUT	Groundnut growers are requested to give foliar spraying with Groundnut rich @ 2 kg / acre at flowering and pod initiation stage in 200 liters of water along with sticking agent.
RICE	Against drifting of sown samba rice seeds in the nursery due to anticipated rain, impound water in the evening in the nursery bed and drain the water in the next day morning. Repeat it for 2 days.
RICE	As 41.4 mm of rain and more humidity is expected for the next five days, there will be possibility of case worm in rice. The Rice case worm infestation is likely to prevail over the next five days due to the prevailing monsoon conditions with 30 mm of rain and high humidity. Symptom of damage: Caterpillars feed on green tissues of the leaves and leave become whitish papery Tubular cases around the tillers by cutting the apical part.

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Management of Rhinoceros Beetle in coconut Soak castor cake at 1 kg in 5 liter of water in small mud pots and keep them in the coconut gardens to attract and kill the adults. Apply mixture of neem seed powder + sand (1: 2) @ 150 g per palm in the base of the 3 inner most leaves in the crown.
COCONUT	Provide proper drainage in coconut field to avoid fungus root damage.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Do not allow the animals for grazing outside, standing near the trees or electric poles. Provide adequate dry feed/fodder and cool drinking water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	To protect the desi birds from coccidiosis during south Northeast monsoon monsoon in deep litter system of rearing, litter should be kept dry and hygienic.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	It is expected to receive rainfall in forthcoming days. Hence the vegetable and fruit and flower farmers are requested to do top dressing of manure and then earthing up operation.
GENERAL ADVICE	Avoid irrigating newly planted fruit trees, ornamental crops and horticultural crops as rain is expected.

Ramanathapuram

From extended range forecast, Above normal rainfall, Normal maximum temperature and minimum temperature expected for the period of September 26 to October 2 over Tamil Nadu. Changing weather condition is favourable for ectoparasites in livestock so apply de-ticking solution like cypermethrin 1% (clinar) externally.

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to the prevailing weather conditions incidence of stem weevil is expected in cotton. The damage symptoms are swellings on the stem just above the ground level and Older plants that survive lack vigor and strength, breaks at the nodes due to strong wind. If damage symptoms are observed 10% of ETL uproot and destroy the infested plants and drenching collar region with chlorpyrifos 2.5ml/1 liters of water
Horticulture(Varieties)	Horticulture Specific Advisory

COCONUT	Due to the prevailing weather condition incidence of red palm weevil expected in coconut. The damage symptoms are hole can be seen on the stem with chewed up fibres protruding out and reddish brown liquid can be seen oozing out from the hole. If symptoms are observed in coconut tree, root feeding with insecticidal solution containing monocrotophos 36 WSC 10 ml with 10 ml of water.
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Sivagangai

Since some amount of rainfall is received recently in some parts of the district, farmers those who were not started the ploughing work can plan for land preparation and sowing activities. Postpone the spraying activities during the rainy days. Take necessary steps to harvest the rain water.

THUNDERSTORM WARNING: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu on 21 to 25 September 2021. Chances of light rain on 22, 23 Sep & Moderate rain during 24, 25, 26 Sep. Max temp- 35°C & Min temp -24°C-25°C. Cloudy sky for next 5 days. Wind speed 10 kmph from SW direction.

Crop(Varieties)	Crop Specific Advisory
JASMINE	Due to current weather condition the incidence of Tingid bug is expected in Jasmine. The nymphs and adults suck the sap from the leaves, infested leaves turn yellow, then dried up and drop. Collect and destroy the infested leaves and other plant parts. To control this, spray NSKE @ 50ml per litre of water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Due to the prevailing weather, diarrhoea may attack the Poultry. Keep the diseased birds separately. Medicate the drinking water with 2gm Microsol or Bactrisol + 5ml Vimrol Syrup / 1litre of water. Medicated water should be given to both the diseased, healthy and young chicks for 5 days during the morning and evening time.

Theni

Since some amount of rainfall is received recently in some parts of the district, farmers those who were not started the ploughing work can plan for land preparation and sowing activities. Postpone the spraying activities during the rainy days. Take necessary steps to harvest the rain water.

THUNDERSTORM WARNING: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu on 21 to 25 September 2021. Chances of light rain on 22, 23 Sep & Moderate rain during 24, 25, 26 Sep. Max temp- 33°C & Min temp -23°C. Cloudy sky for next 5 days. Wind speed 10 kmph from SW direction.

Crop(Varieties)	Crop Specific Advisory
CITRUS	Due to prevailing weather condition the incense of leaf miner is expected in Citrus fields. The symptom of damages are Caterpillars fed on the epidermis of the tender leaves, making silvery appearance on the lower surface of leaves, leaves get distorted and crinkled, severe attack caused defoliation and it encourage the incidence of citrus canker. To control spray Fenvalerate @ 0.2ml per litre of water or spray 50 ml NSKE per litre of water.
Poultry(Varieties)	Poultry Specific Advisory

CHICK	Due to the prevailing weather, diarrhoea may attack the Poultry. Keep the diseased birds separately. Medicate the drinking water with 2gm Microsol or Bactrisol + 5ml Vimrol Syrup / 1litre of water. Medicated water should be given to both the diseased, healthy and young chicks for 5 days during the morning and evening time.
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Virudhunagar

Agro Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Block level Weather forecast		Light to moderate rain is likely to occur at a few places on Day 2 (23.09.2021) and Day 3 (24.09.2021) Light to moderate rain is likely to occur at many places on Day 4 (25.09.2021). 5-11 km/hr. of wind speed is predicted for block level.
Irrigated crops	Water management	Postponed irrigation for coming five days.
Rainfed crops	Sowing	Light to moderate rainfall is expected. Hence, farmers are requested to go for sowing.
	Seed treatment	Farmers are advised to practice the seed treatment with chemicals like, Bevistin 2 g/ kg of seed followed (24 hrs later) bio fertilizer treatment viz., rhizobium 3 pkts for pulses; azospirillum 3 pkts for cereals and millets with phosphobacteria 3 pkts using rice gruel as sticking agent while sowing.
	Seed hardening	To increase the speed of germination and germination percentage under rainfed situation seed hardening is must. Sorghum - 2% Potassium dihydrogen phosphate (or) - 2% Potassium chloride. Soaking time - 16 hours Cotton - 2% Potassium chloride. Soaking time - 10 hours. (2% - Dissolve 20 gm of salt in 1000 ml of water. Soak 1 kg of seed in 650 ml of this solution and dry back to original moisture.) Pulses, black gram, green gram - 100 ppm Zinc sulphate, 100 ppm Manganese sulphate. Dissolve 1000 mg of salt in 1000 ml of water. Soak 1 kg of seed in 350 ml of the solution for 3 hours and dry back to original moisture or weight.
	Selection of varieties	For sowing during the ensuing northeast monsoon season under rainfed conditions select drought tolerant and pest and disease resistant varieties. KC 3 & K12 in Cotton, CoH(M) 6 in Maize, K 8 and K 12 in Sorghum, Vamban 6 & 8, MDU 1 in Black gram, CO 7 & CO 8 in Green gram are suitable for rainfed conditions.
Chilli	Nursery preparation	Inputs such as seeds & fertilizer may be kept ready for the sowing based on the rainfall distribution. Incorporate the neem cake in the soil to protect the seedlings from pest and diseases.
Groundnut	Vegetative stage	Prevailed weather is conducive for Tikka early leaf spot disease that occurs during 3-4 Weeks after sowing and its early spread through wind. Foliar spray with mancozeb at 0.2% (2 grams per litter) or 1kg per acre can be recommended to control the disease at early stage.

Livestock protection	Goat and sheep	Prevailed weather is conducive for Enterotoxaemia: A Bacterial disease causing severe illness and mortality in all ages of sheep and goats. Occurrence is more common in September, October and November months. Clinical Signs: Young lambs die suddenly without any symptoms. severe stomach pain, diarrhea difficulty in breathing convulsions before death may be observed in some animals. Prevention: Young animals should be vaccinated at 6 weeks of age and revaccination should be done every year prior to rainy season. Restrict the animals to young succulent grass pasture immediately after rainy season. Avoid sudden change in the feed.
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SMS: Rain: 22.09-26.09– 4,4,15,25&10 mm. Sowing to be done. Cotton (KC 3 & K12), Maize (CoH(M 6), Sorghum (K 8 & K 12), Black gram (Vamban 6 & 8, MDU 1), Greengram (CO 7 & CO 8) for rainfed conditions.

Tamil Nadu		
Next five days	Weather Warning	<p>Thunderstorm with heavy rain is likely to occur at isolated places over Vellore, Tiruvallur, Ranipet and Salem districts. Thunderstorm with moderate rain is likely to occur at a few places over Coastal Tamil Nadu Delta districts, Puducherry & Karaikal. Light to moderate rain is likely to occur at a few places over adjoining interior districts of Coastal Tamil Nadu on Day 1 (22.09.2021).</p> <p>Thunderstorm with heavy rain is likely to occur at isolated places over Tiruvallur, Vellore, Kancheepuram, Chengalpattu, Ranipet, Villupuram and Cuddalore districts. Thunderstorm with moderate rain is likely to occur at a few places over Coastal Tamil Nadu, Puducherry & Karaikal.</p> <p>Light to moderate rain is likely to occur at a few places over rest interior districts of Tamil Nadu on Day 2 (23.09.2021).</p> <p>Thunderstorm with heavy rain is likely to occur at isolated places over Villupuram, Cuddalore, Perambalur, Ariyalur, Pudukkottai and Delta districts. Thunderstorm with moderate rain is likely to occur at a few places over rest Coastal Tamil Nadu, Puducherry & Karaikal. Light to moderate rain is likely to occur at a few places over rest Tamil Nadu on Day 3 (24.09.2021).</p> <p>Thunderstorm with heavy rain is likely to occur at isolated places over Villupuram, Cuddalore, Kancheepuram, Chengalpattu, Tiruvannamalai and Kallakurichi districts. Thunderstorm with moderate rain is likely to occur at many places over rest Coastal Tamil Nadu, Puducherry & Karaikal. Light to moderate rain is likely to occur at many places over rest Tamil Nadu on Day 4 (25.09.2021).</p> <p>Thunderstorm with heavy rain is likely to occur at isolated places over Coastal Tamil Nadu, Puducherry & Karaikal. Light to moderate rain is likely to occur at a few places over adjoining interior districts of Coastal Tamil Nadu on Day 5 (26.09.2021).</p>
	Heavy Rainfall Warning	<p>Day 1(21.09.2021): Heavy rain is likely to occur at isolated places over Vellore, Tiruvallur, Ranipet and Salem districts.</p> <p>Day 2(22.09.2021): Heavy rain is likely to occur at isolated places</p>

		<p>over Tiruvallur, Vellore, Kancheepuram, Chengalpattu, Ranipet, Villupuram and Cuddalore districts.</p> <p>Day 3(23.09.2021): Heavy rain is likely to occur at isolated places over Villupuram, Cuddalore, Perambalur, Ariyalur, Pudukkottai and Delta districts.</p> <p>Day 4(24.09.2021): Heavy rain is likely to occur at isolated places over Villupuram, Cuddalore, Kancheepuram, Chengalpattu, Tiruvannamalai and Kallakurichi districts.</p> <p>Day 5(25.09.2021): Heavy rain is likely to occur at isolated places over Coastal Tamil Nadu, Puducherry & Karaikal.</p>
	Thunderstorm Warning	Day 1(21.09.2021) to Day 5(25.09.2021): Thunderstorm with lightning is likely to occur at isolated places over Tamil Nadu.
Extended range of forecast		2021-09-26 to 2021-10-02 is predicted to be above normal rainfall.

Tirunelveli

Agro Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Block level Weather forecast		<p>Thunderstorm with moderate rain is likely to occur at a few places from Day 1 (22.09.2021) to Day 3 (24.09.2021).</p> <p>Thunderstorm with moderate rain is likely to occur at many places on Day 4 (25.09.2021).</p> <p>Thunderstorm with heavy rain is likely to occur at isolated places on Day 5 (26.09.2021).</p> <p>10-25 km/hr. block level wind speed is predicted.</p>
Irrigated crops	Water management	Postponed irrigation for coming five days. However, based on the crop stage, crop stress and the weather prevail in the particular location irrigation scheduling to be planned.
Rainfed crops	Field preparation	Light to moderate rainfall is expected. Utilize the rainfall for Ploughing
	Seed treatment	Adoption of sowing operation using the recent rainfall, farmers are advised to practice the seed treatment with chemicals like, Bevestin 2 g/ kg of seed followed (24 hrs later) bio fertilizer treatment viz., rhizobium 3 pkts for pulses; azospirillum 3 pkts for cereals and millets with phosphobacteria 3 pkts using rice gruel as sticking agent.
	Seed hardening	<p>To increase the speed of germination and germination percentage under rainfed situation seed hardening is must.</p> <p>Sorghum - 2% Potassium dihydrogen phosphate (or) - 2 % Potassium chloride Soaking time - 16 hours</p> <p>Cotton - 2 % Potassium chloride. Soaking time - 10 hours (2% - Dissolve 20 gm of salt in 1000 ml of water. Soak 1 kg of seed in 650 ml of this solution and dry back to original moisture.)</p> <p>Pulses, black gram, green gram - 100 ppm Zinc sulphate, 100 ppm Manganese sulphate. Dissolve 1000 mg of salt in 1000 ml of water. Soak 1 kg of seed in 350 ml of the solution for 3 hours and dry back to</p>

		original moisture or weight.
	Selection of varieties	For sowing during the ensuing northeast monsoon season under rainfed conditions select drought tolerant and pest and disease resistant varieties. KC 3 & K12 in Cotton, CoH(M) 6 in Maize, K 8 and K 12 in Sorghum, Vamban 6 & 8 in Black gram, CO 7 & CO 8 in Green gram are suitable for rainfed conditions.
Chilli	Nursery preparation	Inputs such as seeds & fertilizer may be kept ready for the sowing based on the rainfall distribution. Incorporate the neem cake in the soil to protect the seedlings from pest and diseases.
Rice	Green manuring	Raising green manure and incorporation will help to reduce the fertilizer cost and improve the soil properties. For supplying nutrients to the rice crop to be raised during the ensuing September- October season raise green manure crops like daincha <i>in situ</i> using 20 kg/ ha seed rate.
Coconut	All stages	Rugose Spiralling whitefly is noticed in the prevailed weather condition. Application of water, maida solution as spray in order to increase the population of Encarsia parasitic. Also keep yellow stick trap.
Rice	Tillering stage and Flowering stage	Prevailed weather is conducive for Leaf folder. So farmers are advised to spray Azadirachtin 0.03% 1000ml/ha. (or) Chlorontrinirole 18.5%SC @ 150g/ha. (or) Thiamethoxam 25% WG @ 100g/ha. 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.
Cotton	Vegetative stage and Harvesting stage	Prevailing weather is conducive for Mealy bug. To control Wherever necessary use botanical insecticides like neem derivatives such as neem oil 2%, NSKE 5% and Fish oil rosin. soap 25 g/lit. of water. Use of profenophos @ 2000 ml / ha may be adopted as an alternative.
Banana	Bunch development and harvest stage	High wind speed may damage the crop; hence farmers are requested to provide support to bunch (propping).
Live stock advisory	Forecast for September month	Anthrax - Preventive Measures: Ring vaccination and report of disease is advised. Vaccination to be done in consultation with the veterinarians and as decided by state animal husbandry authorities. Strict biosecurity measures May be followed. Carcass May be disposed by deep burying covered with lime powder. Contaminated area May be disinfected with 4% formalin or 10% caustic soda. Grazing area May be restricted.

SMS: Rain: 22.09-26.09– 2,2,4,6& 6 mm. Postpone the irrigation. Ploughing to be done. Rice- Leaf folder. spray Azadirachtin 0.03% 1000ml/ha. (or) Chlorontrinirole 18.5%SC @ 150g/ha.

Thoothukudi

Agromet Advisory

Crop/	Stage / Activities	Advisories
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Ecosystem		
Block level Weather forecast		Thunderstorm with moderate rain is likely to occur at a few places from Day 1 (22.09.2021) to Day 3 (24.09.2021). Thunderstorm with moderate rain is likely to occur at many places on Day 4 (25.09.2021). Thunderstorm with heavy rain is likely to occur at isolated places on Day 5 (26.09.2021). 9-20 km/hr. wind speed is predicted for block level
Irrigated crops	Water management	Postponed the irrigation. However, based on the weather prevail in the particular location irrigation scheduling to be planned.
Rainfed crops	Field preparation	For conserving soil and water under rainfed conditions adopt soil and water conservation practices like broad bed and furrow, compartmental bunding and ridges and furrows for the dryland crops to be raised during the ensuing north east monsoon season. Use tractor drawn bund former, ridger and broad bed and furrow former for covering more area in a short time. Input arrangements may be made for the ensuing northeast monsoon sowing.
	Seed treatment	Adoption of sowing operation using the recent rainfall, farmers are advised to practice the seed treatment with chemicals like, Bevistin 2 g/ kg of seed followed (24 hrs later) bio fertilizer treatment viz., rhizobium 3 pkts for pulses; azospirillum 3 pkts for cereals and millets with phosphobacteria 3 pkts using rice gruel as sticking agent.
	Seed hardening	To increase the speed of germination and germination percentage under rainfed situation seed hardening is must. Sorghum - 2% Potassium dihydrogen phosphate (or) - 2% Potassium chloride Soaking time - 16 hours Cotton - 2% Potassium chloride. Soaking time - 10 hours (2% - Dissolve 20 gm of salt in 1000 ml of water. Soak 1 kg of seed in 650 ml of this solution and dry back to original moisture.) Pulses, black gram, green gram - 100 ppm Zinc sulphate, 100 ppm Manganese sulphate. Dissolve 1000 mg of salt in 1000 ml of water. Soak 1 kg of seed in 350 ml of the solution for 3 hours and dry back to original moisture or weight.
	Selection of varieties	For sowing during the ensuing northeast monsoon season under rainfed conditions select drought tolerant and pest and disease resistant varieties. KC 3 & K12 in Cotton, CoH(M) 6 in Maize, K 8 and K 12 in Sorghum, Vamban 6 & 8 in Black gram, CO 7 & CO 8 in Green gram are suitable for rainfed conditions.
Chilli	Nursery preparation	Inputs such as seeds & fertilizer may be kept ready for the sowing based on the rainfall distribution. Incorporate the neem cake in the soil to protect the seedlings from pest and diseases.
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 roto-slasher for cutting the residues into small pieces and incorporate them into the soil.
Banana	Bunch development and harvest stage	High wind speed may damage the crop; hence farmers are requested to provide support to bunch (propping).

SMS: Rain:22.09.2021 to 26.09.2021 – 2,2,8,6 & 4 mm. Postpone the irrigation. Ploughing to be done. Input arrangements may be made for the ensuing northeast monsoon sowing.

Tamil Nadu		
Next five days	Weather Warning	Thunderstorm with heavy rain is likely to occur at isolated places over Vellore, Tiruvallur, Ranipet and Salem districts. Thunderstorm with moderate rain is likely to occur at a few places over Coastal Tamil Nadu Delta districts, Pudukcherry & Karaikal. Light to moderate rain is likely to occur at a few places over adjoining interior districts of Coastal Tamil Nadu on Day 1 (22.09.2021).

		<p>Thunderstorm with heavy rain is likely to occur at isolated places over Tiruvallur, Vellore, Kancheepuram, Chengalpattu, Ranipet, Villupuram and Cuddalore districts. Thunderstorm with moderate rain is likely to occur at a few places over Coastal Tamil Nadu, Puducherry & Karaikal.</p> <p>Light to moderate rain is likely to occur at a few places over rest interior districts of Tamil Nadu on Day 2 (23.09.2021).</p> <p>Thunderstorm with heavy rain is likely to occur at isolated places over Villupuram, Cuddalore, Perambalur, Ariyalur, Pudukkottai and Delta districts. Thunderstorm with moderate rain is likely to occur at a few places over rest Coastal Tamil Nadu, Puducherry & Karaikal. Light to moderate rain is likely to occur at a few places over rest Tamil Nadu on Day 3 (24.09.2021).</p> <p>Thunderstorm with heavy rain is likely to occur at isolated places over Villupuram, Cuddalore, Kancheepuram, Chengalpattu, Tiruvannamalai and Kallakurichi districts. Thunderstorm with moderate rain is likely to occur at many places over rest Coastal Tamil Nadu, Puducherry & Karaikal. Light to moderate rain is likely to occur at many places over rest Tamil Nadu on Day 4 (25.09.2021).</p> <p>Thunderstorm with heavy rain is likely to occur at isolated places over Coastal Tamil Nadu, Puducherry & Karaikal. Light to moderate rain is likely to occur at a few places over adjoining interior districts of Coastal Tamil Nadu on Day 5 (26.09.2021).</p>
	Heavy Rainfall Warning	<p>Day 1(21.09.2021): Heavy rain is likely to occur at isolated places over Vellore, Tiruvallur, Ranipet and Salem districts.</p> <p>Day 2(22.09.2021): Heavy rain is likely to occur at isolated places over Tiruvallur, Vellore, Kancheepuram, Chengalpattu, Ranipet, Villupuram and Cuddalore districts.</p> <p>Day 3(23.09.2021): Heavy rain is likely to occur at isolated places over Villupuram, Cuddalore, Perambalur, Ariyalur, Pudukkottai and Delta districts.</p> <p>Day 4(24.09.2021): Heavy rain is likely to occur at isolated places over Villupuram, Cuddalore, Kancheepuram, Chengalpattu, Tiruvannamalai and Kallakurichi districts.</p> <p>Day 5(25.09.2021): Heavy rain is likely to occur at isolated places over Coastal Tamil Nadu, Puducherry & Karaikal.</p>
	Thunderstorm Warning	Day 1(21.09.2021) to Day 5(25.09.2021): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu.

Salem

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Crops	Harvest	Light to moderate rainfall expecting forthcoming days, so farmers are advised to harvest the mature crop and maintain 8-12% moisture content for safe storage.
Banana	General	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.
Livestock	Goats	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.

Livestock	Dairy animals	The dairy animals should be milked completely within 5 to 8 minutes. Since the oxytocin hormone release will be only during this period. It will help for preventing mastitis infection in cow.
Paddy	Vegetative	In rice for the management of rice leaffolder: Release Trichogramma thricaceae thrice (at 37, 44, 51 days after transplanting) @ 1,00,000/ha (5cc) each Spray any one of the following insecticides per ha: Acephate 95 % SG 590 g Azadirachtin 0.03% 1000 ml Chlorantraniliprole 18.5% SC 150 g Flubendiamide 39.35% M/M SC 50 g Thiamethoxam 25% WG 100 g
Castor	Vegetative	To control capsule borer in castor, Spray profenofos 50 EC 500 ml/ha.
Groundnut	Vegetative	Due to prevailing weather leaf spot disease may occur in groundnut. To control this disease spray mancozeb @1000 g/ha.
Chillies	Vegetative	Due to prevailing weather the Thrips incidence may occur in Chillies. To control, Spray Imidacloprid 17.8 SL 3 ml/10 litre.
Jasmine	Vegetative	For red spider mite incidence in jasmine, spraying of fenazagnin 10%EC @ 2ml/litre is recommended.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, poultry & Crop	Stage	Weather advisory
Poultry	General	For the next three days in Namakkal and its surroundings, light to moderate rainfall is expected and most of the day will be cloudy leading to moderate temperature and normal feed intake in poultry. Hence, normal egg production is expected. However, do not compromise on any of the procured raw materials and alternate materials. Carefully analyze the raw materials for critical parameters like mycotoxins, urea contamination and other nutrients. Recent drops in egg production, reported in few farms should be borne in mind before accepting the feed ingredients for feed manufacturing. New arrivals like maize should be thoroughly tested for their moisture and mycotoxins.
Sheep and Goat	Young and Adult	Coccidiosis in sheep and goats and its control Coccidiosis is caused by protozoan parasite Eimeria. It commonly occurs in sheep and goats particularly in young lambs and kids which are maintained under unhygienic and overcrowded condition. Adults are susceptible, but they do not show clinical manifestations. However, the affected adult animals continue to shed oocysts of Eimeria in their dung and which act as source of infection to young stock. The lambs and kids acquire infection by ingestion of feed and water contaminated with sporulated oocysts of Eimeria parasite. Affected animals show anemia, emaciation, diarrhoea and death often occurs. Coccidiosis is

		diagnosed by faecal examination and postmortem examination of dead animals. Affected animals can be treated with sulpha and Amprolium drugs. Coccidiosis can be prevented by hygienic maintenance of animal shed – proper disposal of dung, waters and feeders should be cleaned regularly. Young animals should be separated from adults.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Small onion	Sowing period	Small onion farmers are requested to do bulb treatment with either Trichoderma viride or Bacillus @ 1 kg for 500 kg of onion bulb during puratasi pattam. Then apply 2 kg of bacillus or Trichoderma viride along with 500 kg of well decomposed Farmyard manure at the time of last ploughing.
Paddy	Transplanting	Farmers are requested to apply 10 kg of enriched paddy micronutrient mixture to alleviate the micronutrient deficiency and get more yield.
Mulberry	Vegetative	To improve the growth of mulberry plants farmers are requested to apply 150 kg super + 2 kg zinc sulphate along with 375 kg farm yard manure as enriched form.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Dharmapuri :		
Paddy	Weeding	For rice grower, to saves labour for weeding, aerates the soil and root zone, prolongs the root activity, and improves the grain filling though efficient translocation and ultimately the grain yield, use of rotary weeder from 15 DAT at 10 days interval is advised.
Tapioca	Vegetative	Management practices to be followed on white mealy bug affected plant in tapioca: Infected shoots should be removed Collect infected dry plants and discard or burn away from the field. In early stage of infection, any one of the following insecticide can be spray: Azadirachtin 0.15 % @ 50 ml/ litre of water Fish oil resin soap @ 2.0 ml/ litre of water Any one of the following insecticide can be sprayed on rotation basis as and required Thiamethoxam 25 WG @0.5 gram /litre of water Fonicamid 50 WG @ 0.3 gram/ litre of water Spirotetramat 150 OD @ 1.25 ml / litter of water
Livestock	General	Foot and mouth disease in cattle Ingredients required: Cumin - 10g Fenugreek- 10g Pepper - 10g

		<p>Turmeric powder - 10g Garlic - 4 Nos. Coconut - 1 No. Jaggery - 120g Procedure: - Soak cumin, fenugreek and pepper in water for 20-30 mins. - Grind the soaked ingredients into a fine paste. - Grate 1 full coconut and mix it with the grinded mixture using hands. - For effective result use freshly prepared mixture only. Method of use: - Apply the mixture in the mouth, tongue and also inner corners of the mouth. - Apply the mixture 3 times per day for 3-5 days.</p>
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Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, poultry & Crop	Stage	Weather advisory
Poultry	General	<p>For the next three days in Namakkal and its surroundings, light to moderate rainfall is expected and most of the day will be cloudy leading to moderate temperature and normal feed intake in poultry. Hence, normal egg production is expected. However, do not compromise on any of the procured raw materials and alternate materials. Carefully analyze the raw materials for critical parameters like mycotoxins, urea contamination and other nutrients. Recent drops in egg production, reported in few farms should be borne in mind before accepting the feed ingredients for feed manufacturing. New arrivals like maize should be thoroughly tested for their moisture and mycotoxins.</p>
Sheep and Goat	Young and Adult	<p>Coccidiosis in sheep and goats and its control Coccidiosis is caused by protozoan parasite Eimeria. It commonly occurs in sheep and goats particularly in young lambs and kids which are maintained under unhygienic and overcrowded condition. Adults are susceptible, but they do not show clinical manifestations. However, the affected adult animals continue to shed oocysts of Eimeria in their dung and which act as source of infection to young stock. The lambs and kids acquire infection by ingestion of feed and water contaminated with sporulated oocysts of Eimeria parasite. Affected animals show anemia, emaciation, diarrhoea and death often occurs. Coccidiosis is diagnosed by faecal examination and postmortem examination of dead animals. Affected animals can be treated with sulpha and Amprolium drugs. Coccidiosis can be prevented by hygienic maintenance of animal shed – proper disposal of dung, waters and feeders should be cleaned regularly. Young animals should be separated from adults.</p>

Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Small onion	Sowing period	Small onion farmers are requested to do bulb treatment with either Trichoderma viride or Bacillus @ 1 kg for 500 kg of onion bulb during puratasi pattam. Then apply 2 kg of bacillus or Trichoderma viride along with 500 kg of well decomposed Farmyard manure at the time of last ploughing.
Paddy	Transplanting	Farmers are requested to apply 10 kg of enriched paddy micronutrient mixture to alleviate the micronutrient deficiency and get more yield.
Mulberry	Vegetative	To improve the growth of mulberry plants farmers are requested to apply 150 kg super + 2 kg zinc sulphate along with 375 kg farm yard manure as enriched form.

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 (22.09.2021 to 28.09.2021) From 3.60 mm to 4.18 mm. By utilize the opt weather, transplanting of samba rice may be continued. Due to high wind speed tip drying of leaves is observed in rice crop by collision of leaves not by disease. No need to spray.

Crop(Varieties)	Crop Specific Advisory
RICE	Land preparation for samba season may be taken up using the expected light rainfall. Before sowing treat the seeds with carbendzim 2g/kg.
SUGARCANE	Due to prevailing weather condition changes of sugarcane Top shoot borer infection. To control apply carbofuran 3% CG @ 66 kg/ha or chlorantraniliprole 0.4% G @ 18.75 kg/ha or chlorantraniliprole 18.5% SC 375 ml/ha.
COTTON	Due to prevailing weather condition there are chances of cotton green leaf hopper infestation. To control spray thiamethoxam 25 WG 0.6 gram/litre or imidacloprid 17.8 SL 0.6 ml/litre
Horticulture(Varieties)	Horticulture Specific Advisory
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	Prevailing weather condition is favourable for mealy bug infestation in tapioca crop. To control spray fluonicamid 50 % WG 60 g/acre or spirotetramat 150 OD 250 ml/acre or thiamethoxan 25 WDG 40 g/acre.
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	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.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Light to moderate rainfall expecting forthcoming days, so farmers are advised to harvest the mature crop and maintain 8-12% moisture content for safe storage.

NILGIRIS DISTRICT

Coonoor, Gudalur, Kotagiri and Ooty Blocks

Agro Advisory

Crop	Stage	Advisory
General	All the stage	In carrot crops during before sowing, application of neem cake @ 1 ton/ha at planting. Biofumigation of mustard plants followed by application of neemcake @ 250kg/ha along with Purpureocillium lilacinum @ 5kg/ha or application of P. lilacinum as seed treatment @ 20g/kg of seed followed by soil application @ 2.5kg/ha along with FYM @ 2.5 t/ha to reduce the nematode attack to the crops in the field.
Potato crops	Vegetative stage	Spray Gramaxone @ 2.5 l/ha in 500 lit of water as post - emergence. The critical period of weed-competition is upto 60 days and it is essential to keep the field weed-free during that period. Take up the first hoeing on 45th day without disturbing stolons and second hoeing and earthing up on 60th day.
Chrysanthemum	Flowering stage	Due to high relative humidity in the air, there may be a chance of fast spread of white rust disease in cut flower chrysanthemum grown under greenhouses. Foliar spray of Azoxystrobin @ 1ml/litre of water may be done to manage the disease spread.
Plantation crops		In ginger plantation, 37.5: 12.5 kg of N and K per ha applied on 45th and 90th day after planting may be given as top dressing per tree in the post monsoon period.
Cattle		Due to light rainfall, do not allow the animals to graze outside, provide adequate dry feed/fodder and drinking water.

SMS advisory

Due to light rainfall, do not allow the animals to graze outside, provide adequate dry feed/fodder and drinking water.

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