



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 078/2021

For the period 0830 IST, 28th September 2021 to
0830 IST, 03rd October 2021

Issued on Tuesday, 28th 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 24.09.21 to 27.09.21 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 31°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 20°C - 27°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 10°C - 12°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	24.09.21, 25.09.21 & 26.09.21 26.09.21	Tamil Nadu Puducherry
Isolated (One or Two Places)	27.09.21	Tamil Nadu
Dry	24.09.21, 25.09.21 & 27.09.21	Puducherry

Chief Amounts of Rainfall (in cms):-

24.09.21 : Tiruppur Collectrate (dist Tiruppur) 18, Yethapur (dist salem) 11, Sankaridurg (dist Salem), Needamangalam (dist Tiruvarur) 9 each, Chettikulam (dist Perambalur), Navalur Kottapattu (dist Thiruchirapalli) 8, Thuvakudi Imti (dist Trichy), Aravakurichi (dist Karur), Tiruppur (dist Tiruppur) 7 each, Kallikudi (dist Madurai), Attur (dist Salem) 6 each, Tirupathur (dist Sivaganga), Kariyapatti (dist Virudhunagar), Barur (dist Krishnagiri), Lalgudi (dist Trichy), Jamunamarathur (dist Thiruvannamalai) 5 each, Gudalur Bazar (dist Nilgiris), Pulipatti (dist Madurai), Nedungal (dist Krishnagiri), Valangaiman (dist Tiruvarur), Mannargudi (dist Tiruvarur), Yercaud (dist Salem), Erumapatti (dist Namakkal), Samayapuram (dist Trichy), Ponnamaravathi (dist Pudukkottai), Paiyur Aws (dist Krishnagiri), Upper Gudalur (dist Nilgiris) 4 each, Tirumayam (dist Pudukkottai), Padalur (dist Perambalur), Manapparai (dist Trichy), Sattur (dist Virudhunagar), Illayangudi (dist Sivaganga), Tirupattur (dist Tirupattur), Alangayam (dist Tirupattur), Gobichettipalayam (dist Erode), Rasipuram (dist Namakkal), Mettur (dist Salem), Tiruchengode (dist Namakkal), Sivaganga (dist Sivaganga), Tirupathur PTO (dist Tirupattur), Tuticorin (dist Toothukudi), Pandavaiyar Head (dist Tiruvarur), Thogamalai (dist Karur), Manamadurai (dist Sivaganga) 3 each, Pudukkottai (dist Pudukkottai), Perambalur (dist Perambalur), Watrap (dist Virudhunagar), Peraiyur (dist Madurai), Ambur (dist Tirupattur), Illuppur (dist Pudukkottai), Grand Anaicut (dist Thanjavur), Kodavasal (dist Tiruvarur), Ettayapuram (dist Toothukudi), Avinasi (dist Tiruppur), Vaippar (dist Toothukudi), Bhavani (dist Erode), Erode(dist Erode), Mangalapuram (dist

Namakkal), Annavasal (dist Pudukkottai), Panchapatti (dist Karur), Tirupuvanam (dist Sivaganga), Devala (dist Nilgiris), Salem (dist Salem), Vedanatham (dist Thoothukudi) 2 each, Marungapuri (dist Trichy), Tirumangalam (dist Madurai), Vadapudupattu (dist Tirupattur), Kumbakonam (dist Thanjavur), Arani (dist Tiruvannamalai), Airport Madurai (dist Madurai), Trichy Town (dist Trichy), Kumarapalayam (dist Namakkal), Thiruvidadimaruthur (dist Thanjavur), Harur (dist Dharmapuri), Coimbatore AWS (dist Coimbatore), Ottapadiram (dist Thoothukudi), Natham (dist Dindigul), Sholavandan (dist Madurai), Tiruvaiyaru (dist Thanjavur), Kovilpatti AWS (dist Thoothukudi), Upper Bhavani (dist Nilgiris), Thoothukudi Port AWS (dist Thoothukudi), Edapadi (dist Salem), Pennagaram (dist Dharmapuri), Viralimalai (dist Pudukkottai), Vaniyambadi (dist Tirupattur) Braiyar Estate (dist Nilgiris) 1 each.

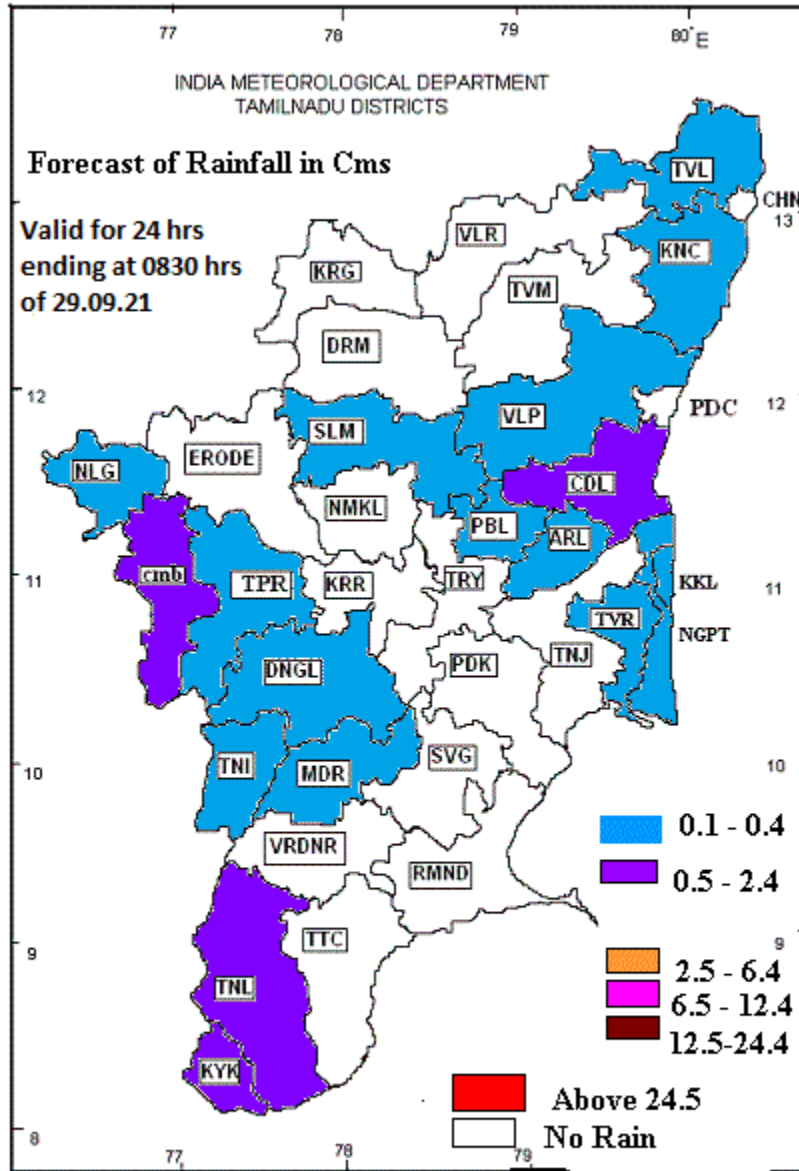
25.09.21 : Devakottai (dist Sivaganga) 14, Manapparai (dist Trichy) , Madurai South (dist Madurai) , Cheranmahadevi (dist Tirunelveli) 11 each, Madurai Airport (dist Madurai) , Musiri (dist Trichy) 10 each, Kulithalai (dist Karur) 8, Tirumangalam (dist Madurai) 7, Vathalai Anaicut (dist Trichy) , Coonoor Pto (dist Nilgiris) , Vedasandur (dist Dindigul) , Kadavur (dist Karur) , Sathyamangalam (dist Erode) , Vadipatti (dist Madurai) , Karur (dist Karur) , Avalanche (dist Nilgiris) 6 each, Palavidithi (dist Karur) , Avinashi (dist Tiruppur) , Mannargudi (dist Tiruvarur), Kayathar (dist Thoothukudi), Annur (dist Coimbatore) , Kamatchipuram (dist Dindigul) 5 each, Thirumanur (dist Ariyalur), TRP Town (dist Trichy), Valparai Pto (dist Coimbatore), Chittampatti (dist Madurai) , Cholavaram (dist Tiruvallur), Gobichettipalayam (dist Erode) , Panchapatti (dist Karur) , Pandavaiyar Head (dist Tiruvarur) , Kovilpatti (dist Trichy) , Pudukkottai (dist Pudukkottai) , Thiruthuraipoondi (dist Tiruvarur) , Emerald (dist Nilgiris), Pulipatti (dist Madurai) , Uthagamandalam (dist Nilgiris) , Bhavanisagar (dist Erode) 4 each, Yercaud (dist Salem) , Vepur (dist Cuddalore) , Coonoor (dist Nilgiris) , Sholavandan (dist Madurai) , Chettikulam (dist Perambalur) , Tallakulam (dist Madurai) , Thammampatty (dist Salem) , Naduvattam (dist Nilgiris) , Ponmalai (dist Trichy) , Annavasal (dist Pudukkottai), Ketti (dist Nilgiris) , Periyar (dist Theni) , K Bridge (dist Nilgiris) , Ariyalur (dist Ariyalur) , Andipatti (dist Theni) 3 each, Budalur (dist Thanjavur) , Kayathar Arg (dist Thoothukudi) , Gudalur (dist Theni) , Mayanur (dist Karur) , Perambalur (dist Perambalur) , Thuraiyur (dist Trichy) , Adirampatnam (dist Thanjavur) , Vaigai Dam (dist Theni), Krishnarayapuram (dist Karur) , Keeranur (dist Pudukkottai) , Erumapatti (dist Namakkal) , Viralimalai (dist Pudukkottai) , Karambakudi (dist Pudukkottai) , Lalgudi (dist Trichy) , Karaikudi (dist Sivaganga) , Mettupalayam (dist Coimbatore) , Sholayar (dist Coimbatore) , Tondi (dist Ramanathapuram) , Tiruvadana (dist Ramanathapuram) , Samayapuram (dist Trichy) , Thekkadi (dist Theni) 2 each, Kothagiri (dist Nilgiris) , Dindigul (dist Dindigul) , Thenparanadu (dist Trichy) , Devala (dist Nilgiris) , Pattukottai (dist Thanjavur) , Marungapuri (dist Trichy) , Upper Bhavani (dist Nilgiris) , Sendurai (dist Ariyalur) , Kodaikanal (dist Dindigul), Peelamedu Ap (dist Coimbatore) , Kallikudi (dist Madurai) , Palani (dist Dindigul) , Aravakurichi (dist Karur) , Paramathivelur (dist Namakkal) , Tiruppur (dist Tiruppur) , Mulanur (dist Tiruppur) , Kadaladi (dist Ramanathapuram) , Uttamapalayam (dist Theni) , Pullambadi (dist Trichy) , Pappireddipatti (dist Dharmapuri) , Rajapalayam (dist Virudhunagar) , Valparai Taluk Office (dist Coimbatore) 1 each.

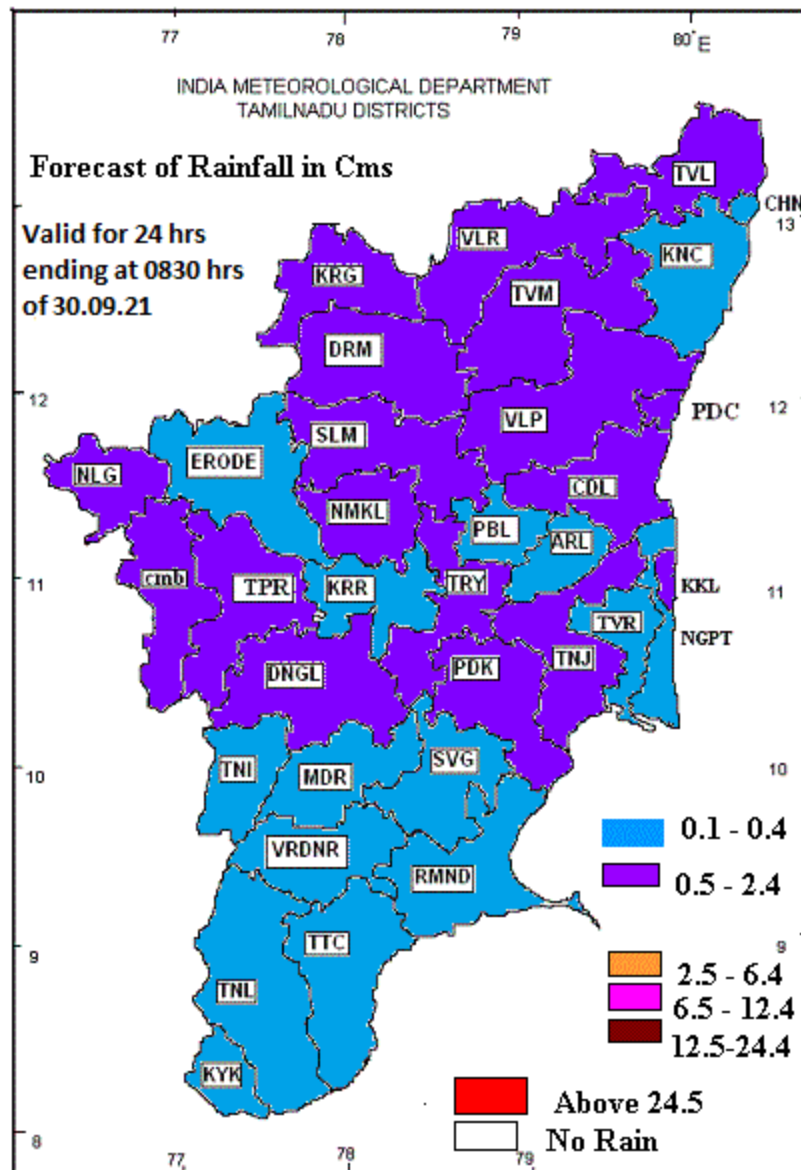
26.09.21 : Marakkanam (dist Villupuram) 13, Neyveli AWS (dist Cuddalore) 8, Kurinjipadi (dist Cuddalore), Cuddalore (dist Cuddalore), Vadakuthu (dist Cuddalore), Kothavacherry (dist Cuddalore) 7 each, Wallajah (dist Ranipet), Puducherry (dist Puducherry) 6, Katpadi (dist Vellore), Jamunamarathur (dist Thiruvannamalai) 6 each, Sivaganga (dist Sivaganga), Panruti (dist Cuddalore), Ponnai Dam (dist Vellore), Tambaram (dist Chengalpattu), Anandhapuram (dist Villupuram), Kedar (dist Villupuram) 5 each, Kalavai Aws (dist Ranipet), Virinjipuram Aws (dist Vellore), Cheyyar (dist Tiruvannamalai), Parangipettai (dist Cuddalore), Vadapudupattu (dist Tirupattur), Arani (dist Tiruvannamalai), Satyabama Uty Arg (dist Chengalpattu), Vaniyambadi (dist Tirupattur), Cheyyur (dist Chengalpattu), Sendurai (dist

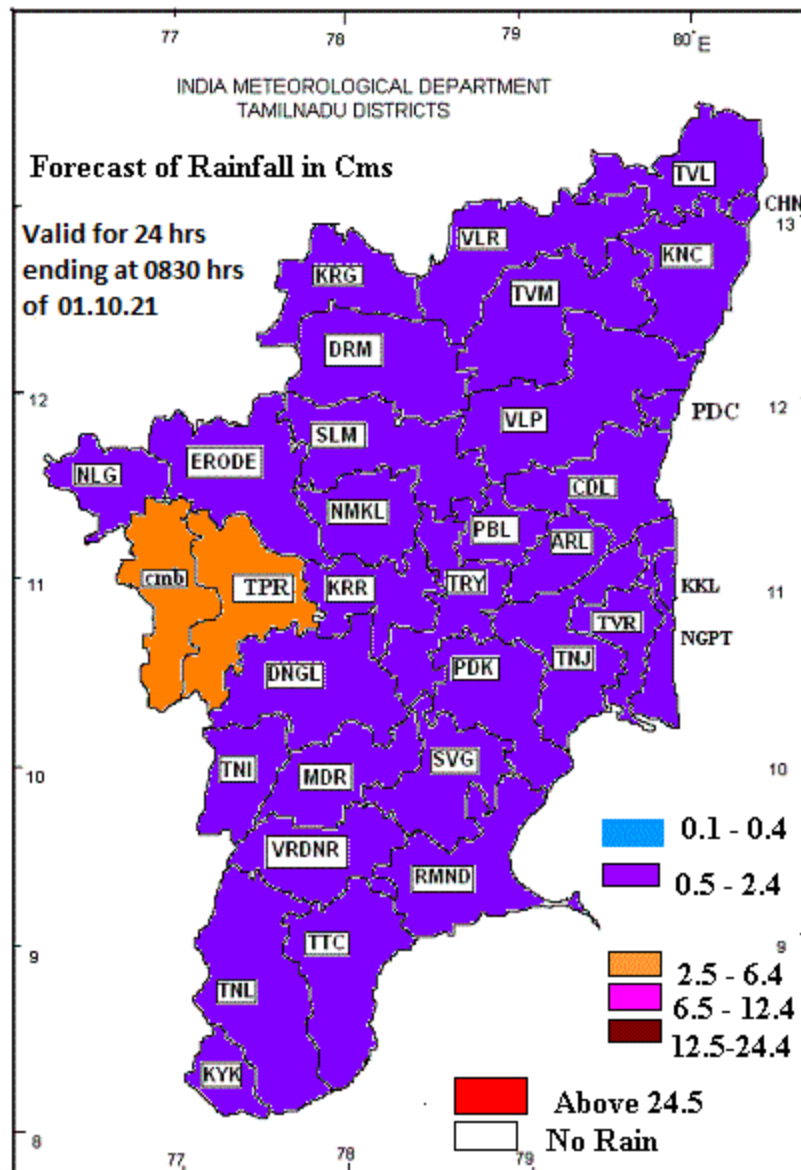
Ariyalur), Sethiathope (dist Cuddalore), Vembakkam (dist Tiruvannamalai), Arakonam (dist Ranipet), Mugaiyur (dist Villupuram), Avalupettai (dist Villupuram), Mundiampakkam (dist Villupuram) 4 each, Pallipattu (dist Tiruvallur), Tindivanam (dist Villupuram), Vilupuram (dist Villupuram), Vellore (dist Vellore), Ambur (dist Tirupattur), Ammundi (dist Vellore), Kelambakkam (dist Chengalpattu), Arcot (dist Ranipet), Vanur (dist Villupuram), R.k.pet (dist Tiruvallur), Kaveripakkam (dist Ranipet), Vandavasi (dist Tiruvannamalai), Gummidipoondi (dist Tiruvallur), Uthiramerur (dist Kancheepuram), Kadavanur (dist Kallakurichi), Thanigaimangalam (dist Madurai) 3 each, Thirukalukundram (dist Chengalpattu), Melalathur (dist Vellore), Sholingur (dist Ranipet), Polur (dist Tiruvannamalai), Mannargudi (dist Tiruvarur), Poondi (dist Tiruvallur), Vallam (dist Thanjavur), Kancheepuram (dist Kancheepuram), Thirupporur (dist Chengalpattu), Keelpennathur (dist Tiruvannamalai), Poonamallee (dist Tiruvallur) 2 each, Devala (dist Nilgiris), Gudiyatham (dist Vellore), Tiruttani Pto (dist Tiruvallur), Thirukoilur Arg (dist Kallakurichi), Devakottai (dist Sivaganga), Chennai Ap (dist Chennai), Alangayam (dist Tirupattur), Melur (dist Madurai), Vilathikulam (dist Toothukudi), Uthukottai (dist Tiruvallur), Mahabalipuram (dist Chengalpattu), Ramanathapuram (dist Ramanathapuram), K.paramathi (dist Karur), Chidambaram (dist Cuddalore), Chinnakalar (dist Coimbatore), Bhuvanagiri (dist Cuddalore), Gingee (dist Villupuram), Veppanthattai (dist Perambalur), Jayamkondam (dist Ariyalur), Tiruvallur (dist Tiruvallur), Sholayar (dist Coimbatore), Chengalpattu (dist Chengalpattu), Agaram Seegoor (dist Perambalur) 1 each.

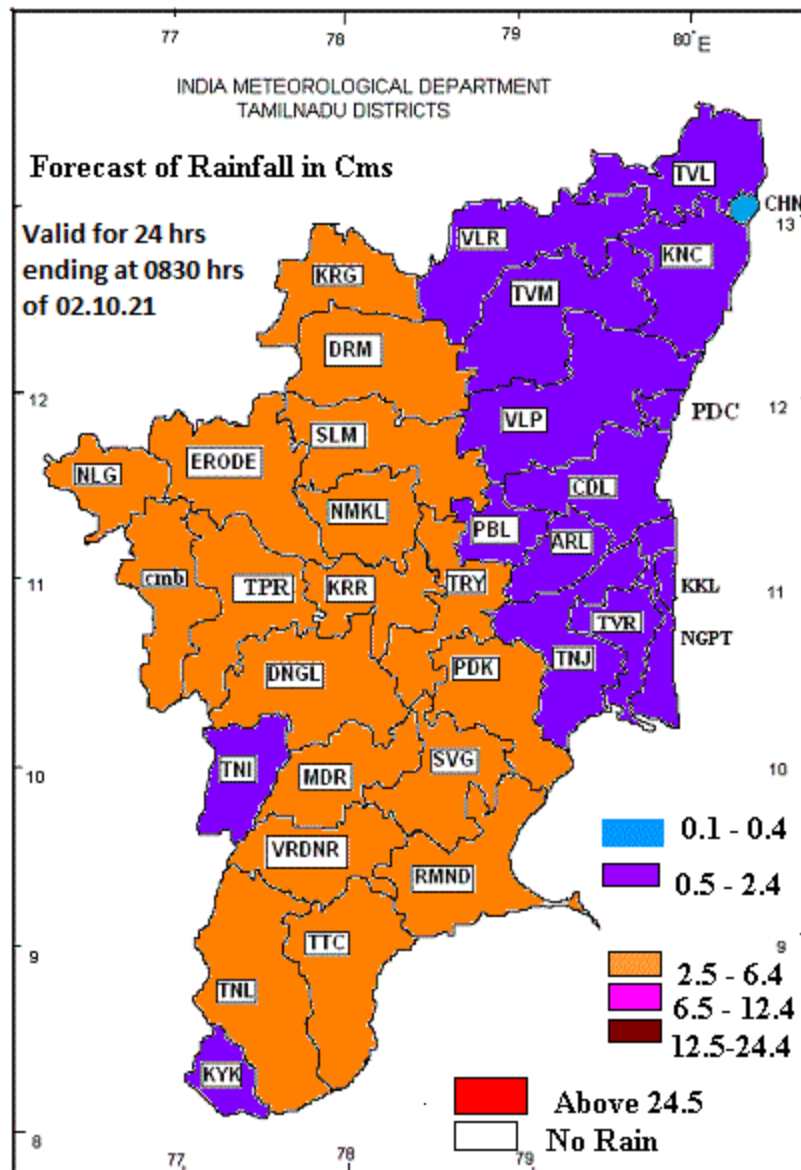
27.09.21 : Kalial (dist Kanyakumari) 17, Kuzhithurai (dist Kanyakumari), Pechiparai (dist Kanyakumari) 15 each, Suralacode (dist Kanyakumari) 14, Thuckalay (dist Kanyakumari) 13, Kanyakumari (dist Kanyakumari), Nagercoil (dist Kanyakumari) 12 each, Mylaudy (dist Kanyakumari) 11, Kottaram (dist Kanyakumari) 9, Ponnamaravathi (dist Pudukkottai) 8, Chittar (dist Kanyakumari), Kannimar (dist Kanyakumari), Sivalogam (dist Kanyakumari) 7 each, Bhoothapandy (dist Kanyakumari) 6, Valparai Pto (dist Coimbatore), Yercaud (dist Salem), Cincona (dist Coimbatore), Kudimiyanmalai (dist Pudukkottai) 5 each, Perunchani Dam (dist Kanyakumari), Puthan Dam (dist Kanyakumari), Periyar (dist Theni) 4 each, Chinnakalar (dist Coimbatore), Eraniel (dist Kanyakumari), Annavasal (dist Pudukkottai), Colachel (dist Kanyakumari), Kadavanur (dist Kallakurichi), Sulangurichi (dist Kallakurichi) 3 each, Pappireddipatti (dist Dharmapuri), Pennagaram (dist Dharmapuri), Perungalur (dist Pudukkottai), Kovilpatti (dist Toothukudi), Ayikudi (dist Tenkasi), Sankarapuram (dist Kallakurichi), Pudukkottai (dist Pudukkottai), Valparai Taluk Office (dist Coimbatore), Pulipatti (dist Madurai), Manlurpet (dist Kallakurichi), Kariyakoil dam (dist Salem), Anaimaduvu dam (dist Salem), Valaparai PAP (dist Coimbatore) 2 each, Sholayar (dist Coimbatore), Arupukottai (dist Virudhunagar), Kovilpatti Aws (dist Toothukudi), Thenkasi (dist Tenkasi), Papanasam (dist Tirunelveli), Hogenekal (dist Dharmapuri), Kallandri (dist Madurai) 1 each.

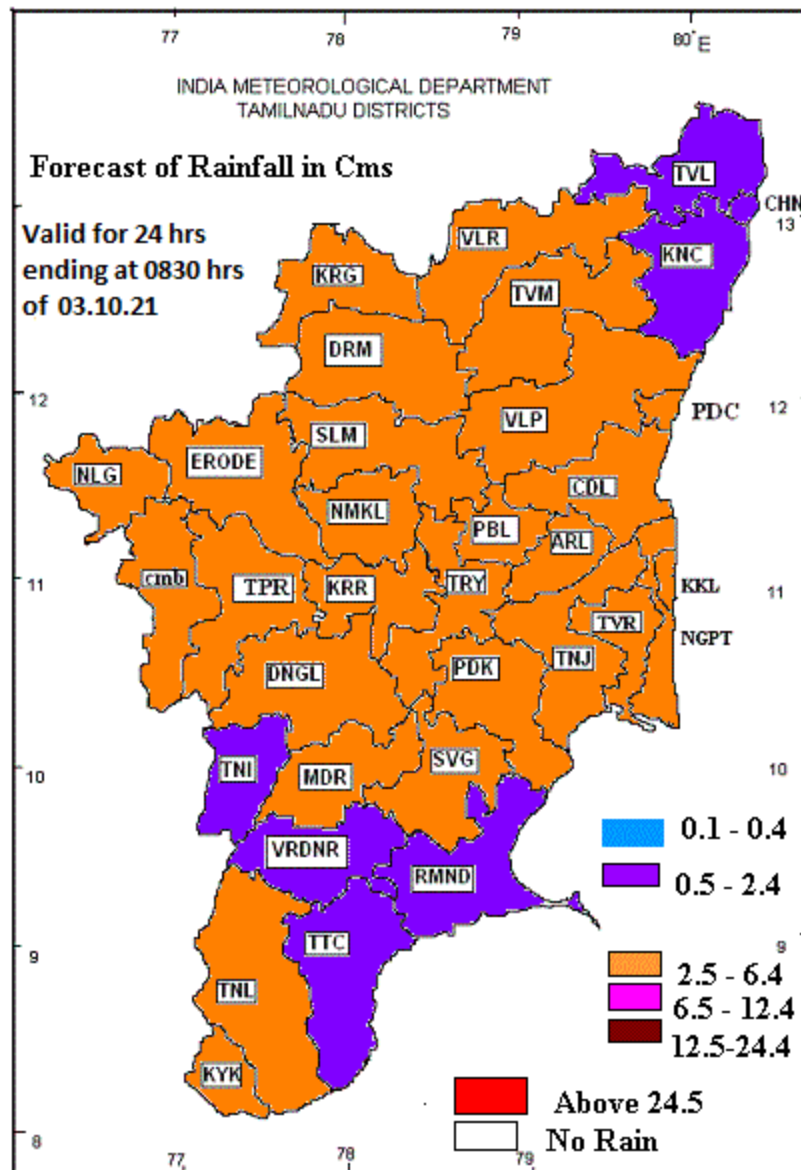
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 28.09.21
VALID FOR THE NEXT 5 DAYS**











Districtwise Agromet Advisories

Chennai

SMS Advisory: Day 1(29.09.2021) to Day 5(03.10.2021):

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

Livestock Advisory

1 To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy. 2 To prevent scabies in rabbit all in all out system has to be followed with adequate ectoparasicide spraying. 3 The new born calves have to be provided with luke warm water to prevent cold stress during rainy season. 4 Check out for aflotoxicosis in concentrate feed. Addition of toxin binders in feed would prevent this to some extent. 5 Luke warm water splashing and washing in pig barn would reduce the incidence of E.coli infection in pigs during rainy season. 6 Swill fed fattener pigs should be checked out for sanitary swill feeding since spoilt swill will cause intestinal disorder. 7 The rabbits which suffered summer infertility could be allowed to breeding due to the conducive season prevailing. 8 Provision of 5% shell grit to layers improves the egg quality.

Kancheepuram

As per IMD Extended Range Forecast for the period of 03.10.2021 to 09.10.2021 Tamil Nadu & Pondicherry region may likely to receive higher rainfall than the rainfall. On 29.09.2021 - 03.10.2021 Thunderstorm with lightning is likely to occur at isolated places over Kancheepuram & Chengalpattu district. Before transplanting of rice seedling in main field farmers is advised apply 10 kg/ac of micronutrient mixture with vermicompost. There are possibilities of red spider mite infestation in brinjal crop. For management farmers are advised to spray wettable sulphur 50 WP 2g/lit.

Crop(Varieties)	Crop Specific Advisory
RICE	Before transplanting of rice seedlings farmers are advised to tip the seedlings in Bacillus subtilis bio control agent 2 gram/liter solution.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	There are possibilities of red spider mite infestation in brinjal crop. For management farmers are advised to spray wettable sulphur 50 WP 2g/lit.
BRINJAL	There are possibilities of mealybug infestation in brinjal. Farmers are advised to take necessary plant protection measures with the advice of horticultural officer.
BOTTLE GOURD	The forecasted weather may cause Anthracnose disease in cucurbit crops. For management farmers are advised to spray Mancozeb 2g/lit or Carbendazim 0.5g/lit of water.
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 provide 30-50 grams of mineral mixture to diary animals to improve the milk yield.
GOAT	Farmers are advised to provide mineral block to sheep and goats to improve the grate rate. Farmers may deworm and detick the goat and sheep before monsoon to protect them from disease.

Fisheries(Varieties)	Fisheries Specific Advisory
INLAND	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. Model fish sampling may be performed either in morning or late evening hours to access the disease incidence in weekly or fortnightly basis.
COMMON FISH	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. By viewing the rainfall forecast farmers are advised to reduce the farm water level of 20-30 cm form normal.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Farmers are advised to provide proper brooding facility to chicks to avoid the mortality.
CHICKEN	Farmers are advised to vaccinate their poultry birds against ranikhet disease in nearby veterinary dispensary.

Villupuram

SMS Advisory: Day 1(29.09.2021) to Day 5(03.10.2021):

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

Livestock Advisory:

1 To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy. 2 To prevent scabies in rabbit all in all out system has to be followed with adequate ectoparasicide spraying. 3 The new born calves have to be provided with luke warm water to prevent cold stress during rainy season. 4 Check out for aflotoxicosis in concentrate feed. Addition of toxin binders in feed would prevent this to some extent. 5 Luke warm water splashing and washing in pig barn would reduce the incidence of E.coli infection in pigs during rainy season. 6 Swill fed fattener pigs should be checked out for sanitary swill feeding since spoilt swill will cause intestinal disorder. 7 The rabbits which suffered summer infertility could be allowed to breeding due to the conducive season prevailing. 8 Provision of 5% shell grit to layers improves the egg quality. 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: Day 1(29.09.2021) to Day 5(03.10.2021):

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

Livestock Advisory:

1 To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy. 2 To prevent scabies in rabbit all in all out system has to be followed with adequate ectoparasicide spraying. 3 The new born calves have to be provided with luke warm water to prevent cold stress during rainy season. 4 Check out for aflotoxicosis in concentrate feed. Addition of toxin binders in feed would prevent this to some extent. 5 Luke warm water splashing and washing in pig barn would reduce the incidence of E.coli infection in pigs during rainy season. 6 Swill fed fattener pigs should be checked out for sanitary swill feeding since spoilt swill will cause intestinal disorder. 7 The rabbits which suffered summer infertility could be allowed to breeding due to the conducive season prevailing. 8 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. 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 3rd to 9th October over Tamil Nadu. By utilizing received and anticipated rainfall nursery preparation and transplanting field may be done for samba rice.

Crop(Varieties)	Crop Specific Advisory
RICE	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; 4.Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water.

BLACK GRAM	Black gram- 1.Aphids- Spray Methyl demeton 25% EC 500 ml (or) Spray Dimethoate 30% EC 500 ml per acre in 200 litres of water; 2.Whitefly- Spray Methyl demeton 25% EC 500 ml (or) Spray Dimethoate 30% EC 500 ml per acre in 200 litres of water.
Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	Groundnut- Tobacco caterpillar- Spray Methomyl 40 SP 300 ml per acre in 200 litres water to control the early instar (1st to 3rd instar) larvae. (or) Spray NSKE 5%; 2.Aphids- Spray Imidacloprid 17.8 SL 40 ml (or) Spray Methyl demeton 25 EC 400 ml per acre in 200 litres of water; 3.Leaf miner- Spray Methyl demeton 25 EC 400 ml per acre 200 litres of water. and Set up light trap between 8 and 11 pm at ground level.
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.
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Chilli- Damping Off- Treat the seeds with Trichoderma viride @ 4 g / kg or Pseudomonas fluorescens @ 10 g /kg of seeds treat with 24 hours before sowing.
BRINJAL	Brinjal- 1.Whitefly- Spray Neem oil 3% (or) Spray Thiamethoxam 25 % WG 4.0 g/10 l and Monitor the whitefly with yellow sticky trap @ 5-6 / acre; 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.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Livestock's- 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 03.10.2021 to 09.10.2021. 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. Light to 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
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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.
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 Imidachlopid @ 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.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall with thunderstorm may occur during the week. Postpone the irrigation. Harvesting of the millets and minor millets may be postponed considering the expected rainfall. In rainfed area, provide bunds at 20 feet interval against the slope to arrest the rainwater runoff. Rainfall with wind speed of 15 km/hour is expected. Hence provide adequate support to banana and sugarcane.
Rice	Nursery preparation	As the sowing of Samba season is nearing end, direct sowing with pre germinated short duration paddy varieties seeds in puddled soil is

	and Tillering	recommended. Drainage may be provided in recently transplanted samba rice.
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.
Sugarcane	Vegetative	Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall.
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 cover is favorable for the leaf spot disease in turmeric. Hence farmers are requested to monitor the crop carefully spray Mangozeb @ 2.5 g per liter of water. Considering the past week and expected rainfall, drench with Bordeaux mix @1% and provide adequate drainage to turmeric at bulking stage against rhizome rot. Due to high cloud cover and high relative humidity, micronutrient deficiency may occur in 4 months old turmeric crop. Two foliar sprays on non-rainy days at 25 days interval with FeSO ₄ , ZnSO ₄ , Borax, Urea, each 150g in 250 lit of water per acre should be done.
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 mastitis disease pathogen in milch animals. Hence, clean the udder with 1% potassium permanganate before and after milking.

SMS advisory

In rainfed area, provide bunds at 20 feet interval against the slope to arrest the rainwater runoff.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall with thunderstorm may occur during the week. Postpone the irrigation. Harvesting of the millets and minor millets may be postponed considering the expected rainfall. In rainfed area, provide bunds at 20 feet interval against the slope to arrest the rainwater runoff. Rainfall with wind speed of 15 km/hour is expected. Hence provide adequate support to banana and sugarcane.

Rice	Nursery preparation and Tilling	As the sowing of Samba season is nearing end, direct sowing with pre germinated short duration paddy varieties seeds in puddled soil is recommended. Drainage may be provided in recently transplanted samba rice.
Sorghum	Land preparation	By utilizing the anticipated rainfall, premonsoon sowing of millets and small millets may be initiated in rainfed black soil.
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.
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.
Turmeric	Vegetative	Prevailing high relative humidity with high cloud cover in favorable for the leaf spot disease in turmeric. Hence farmers are requested to monitor the crop carefully spray Mangozeb @ 2.5 g per liter of water. Considering the past week and expected rainfall, drench with Bordeaux mix @1% and provide provide adequate drainage to turmeric at bulking stage against rhizome rot. Due to high cloud cover and high relative humidity, micronutrient deficiency may occur in 4 months old turmeric crop. Two foliar sprays on non-rainy days at 25 days interval with FeSO ₄ , ZnSO ₄ , Borax, Urea, each 150g in 250 lit of water per acre should be done.
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 mastitis disease pathogen in milch animals. Hence, clean the udder with 1% potassium permanganate before and after milking.

SMS advisory

In rainfed area, provide bunds at 20 feet interval against the slope to arrest the rainwater runoff.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall with thunderstorm may occur during the week.

		<p>Postpone the irrigation.</p> <p>Harvesting of the millets and minor millets may be postponed considering the expected rainfall.</p> <p>In rainfed area, provide bunds at 20 feet interval against the slope to arrest the rainwater runoff.</p> <p>Rainfall with wind speed of 15 km/hour is expected. Hence provide adequate support to banana and sugarcane.</p>
Rice	Nursery preparation and Tillering	<p>As the sowing of Samba season is nearing end, direct sowing with pre germinated short duration paddy varieties seeds in puddled soil is recommended.</p> <p>Drainage may be provided in recently transplanted samba rice.</p>
Sorghum	Land preparation	<p>By utilizing the anticipated rainfall, premonsoon sowing of millets and small millets may be initiated in rainfed black soil.</p>
Cotton	Vegetative and flowering	<p>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 15th node should be done.</p>
Sugarcane	Vegetative	<p>Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall.</p>
Banana		<p>Rain may be accompanied with high wind speed of >15 km/hour. Provide adequate stacking to 5 months old and above banana against lodging.</p>
Coconut		<p>By utilizing the drizzling rainfall, basins may be deepened to the coconut so as to store monsoon rains in the soil profile.</p>
Turmeric	Vegetative	<p>Prevailing high relative humidity with high cloud cover in favorable for the leaf spot disease in turmeric. Hence farmers are requested to monitor the crop carefully spray Mangozeb @ 2.5 g per liter of water. Considering the past week and expected rainfall, drench with Bordeaux mix @1% and provide provide adequate drainage to turmeric at bulking stage against rhizome rot.</p> <p>Due to high cloud cover and high relative humidity, micronutrient deficiency may occur in 4 months old turmeric crop. Two foliar sprays on non-rainy days at 25 days interval with FeSO₄, ZnSO₄, Borax, Urea, each 150g in 250 lit of water per acre should be done.</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 mastitis disease pathogen in milch animals. Hence, clean the udder with 1% potassium permanganate before and after milking.</p>

SMS advisory

In rainfed area, provide bunds at 20 feet interval against the slope to arrest the rainwater runoff.

Nilgiris

Agro Advisory

Crop	Stage	Advisory
General		Moderate rainfall is likely to occur at isolated places over on 02th and 03th.
		To conserve forthcoming rainfall moisture in soil, apply mulching around root zone.
Cabbage and Cauliflower	Vegetative stage	Head rot disease is fast spreading in Cabbage and Cauliflower. Farmers are advised to spray Copper Oxy Chloride @ 2g/l to control Head rot disease in Cabbage & Cauliflower.
Garlic	Vegetative stage	To control thrips infestation in Garlic, spray Dimethoate 1.5 ml per litre of water.
Fruit trees	Matured	For well grown Jack fruit trees, during September month, apply 1650 grams Urea, 2220 grams super phosphate, 850 grams potash along with 50 kgs of Farm Yard manure.
		For grown up orange trees, using the forthcoming moderate rainfall, apply 300 g Urea, 200g Super phosphate, 300 g potash along with 25 kgs of compost.

SMS advisory

To control thrips infestation in Garlic crop, spray Dimethoate 1.5 ml per litre of water.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Thiruvavur

Agro Advisory

Crop	Stage	Advisory
Cotton		The prevailing weather condition favors reddening in cotton. To correct this problem apply 2 % MgSO ₄ , Urea 1 % and 0.1% ZnSO ₄ as foliar spray.
Coconut		To control & decreases the button shedding in coconut, Give root feeding of the coconut tonic @ 200 ml/palm at 6 months interval.
Cattle	Cow	Before monsoon ensure that cows and buffaloes were vaccinated against food and mouth disease.

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. 29.09.2021 to 05.10.2021) From 4.86 mm to 7.02 mm. Land preparation for samba season may be taken up using the expected light rainfall. Before sowing treat the seeds with carbendzim 2g/kg.

Crop(Varieties)	Crop Specific Advisory
RICE	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.
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
SORGHUM (JOWAR/GREAT MILLET)	Due to prevailing weather the shoot fly infestation may occur in sorghum. To control shoot fly, Spray Dimethoate 30EC 500 ml/ha.
MAIZE	Due to prevailing weather the downy mildew incidence may occur in maize. To control downy mildew, Spray mancozeb 1 kg/ha at 20 days after sowing.
GROUNDNUT	Due to prevailing weather leaf spot disease may occur in groundnut. To control this disease spray mancozeb @1000 g/ha.
OKRA/ LADYFINGER	To control white fly in ladies finger, Spray azadirachtin 0.03 WSP at 5.0 grams per 10 litre of water.
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.
TOMATO	Due to prevailing weather the white fly incidence may occur in Tomato. To control install yellow sticky traps @12/ha.
BRINJAL	Before cultivating the brinjal in may month, treat the brinjal seeds with trichoderma viride at 4 g/kg. It will protect your crop from fungal diseases.

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.
CHILLI	Due to prevailing weather the Thrips incidence may occur in Chillies. To control, Spray Imidacloprid 17.8 SL 3 ml/10 litre.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Due to high wind speed feed material of poultries may be drifted hence hanging of gunny bags at the borders of the shed to reduce the wind speed.

Dindigul

Since, Light to Moderate rainfall is expected in the district for the next 5 days, farmers are advised to postpone the spraying activities and to take necessary steps to harvest the rain water. Extended Range Forecast for Tamil Nadu (01.10.2021 -07.10.2021): Some parts of Tamilnadu region may receive Above Normal Rainfall during subsequent one week 01 to 07 October 2021. THUNDERSTORM WARNING: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu on 29 Sep to 03 Oct 2021. Chances of Moderate rain during 30 Sep to 3 Oct. Max temp- 32°C-33°C & Min temp -22°C-24°C. Cloudy sky for next 5 days. Wind speed 8 kmph from W & SW directions.

Crop(Varieties)	Crop Specific Advisory
COTTON	This is the right time to start the weeding operation in cotton. Apply Fluchloralin @ 2 litres/ha., three days after sowing, using a hand operated sprayer fitted with deflecting or fan type nozzle, it will control the weed up to 25th day. The second weeding should be done with hoe and hand weed between 30th to 40th day after sowing.
Horticulture(Varieties)	Horticulture Specific Advisory
GUAVA	In Guava fruit cultivation this is correct time for Pruning. The post season's terminal growth to a length of 10-15 cm has to be pruned during this period. The erect growing branches are to be bent by tying on to pegs driven on the ground. Old unproductive but healthy trees can be rejuvenated, may be either pollard or cut back to 75cm from ground level or dehorned by cutting the secondary branches at a distance of 75 cm from their origin.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Kind attention to the cattle growers, deworming has to be done for the livestock in the beginning of the rainy season and throughout the season. Because, during this period, the worms get multiplied at a greater rate. Farmers are advised to contact the nearby vet-clinic and de-worm your cattle with the support of the veterinarian.

Madurai

Since, Light to Moderate rainfall is expected in the district for the next 5 days, farmers are advised to postpone the spraying activities and to take necessary steps to harvest the rain water. Extended Range Forecast for Tamil Nadu (01.10.2021 -07.10.2021): Some parts of Tamilnadu region may receive Above Normal Rainfall during subsequent one week 01 to 07 October 2021. THUNDERSTORM WARNING: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu on 29 Sep to 03 Oct 2021. Chances of light rain on 30 Sep & Moderate rain during 1, 2, 3 Oct. Max temp- 32°C-33°C & Min temp -22°C-24°C. Cloudy sky for next 5 days. Wind speed 8 kmph from W & SW directions.

Crop(Varieties)	Crop Specific Advisory
JASMINE	Due to prevailing weather condition the incense of Leaf spot disease may be expected in Jathimalli (Jasmine) flower. Black spots appear and spreads throughout the leaf, shows the burning appearances. To control, spray Difenconazole @ 2 ½ gm per litre of water.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Due to the prevailing weather condition the incidence of Red Palm Weevil is expected in Coconut. The symptom of damages appears on the trunk. Hole can be seen on the trunk with chewed up fibres protruding out. Many times, reddish brown liquid can be seen oozing out from the hole. Sometimes the gnawing sound produced by the feeding grubs inside will also be audible. In the advanced stage of infestation yellowing of the inner whorl of leaves occur. The crowns fall down or dry up later when palm is dead. To control this, set up pheromone trap and use 5 litre bucket filled with 2 kg Castor cake + 3litre of water + 2 well rotten Banana + 2 pieces of Pine Apple + 100gm Jaggery per hectare or Root feed with Profenophos @10 ml with 100ml water per tree.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Kind attention to the cattle growers, deworming has to be done for the livestock in the beginning of the rainy season and throughout the season. Because, during this period, the worms get multiplied at a greater rate. Farmers are advised to contact the nearby vet-clinic and de-worm your cattle with the support of the veterinarian.

Pudukottai

Extended Range Forecast For Tamil Nadu 03 .10.2021 to 09 .10.2021. During the Week from 03 th to 09 th October Above Normal Rainfall . maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu. Proper drainage facilities to be ensured in the crops fields, since rains are expected.

Crop(Varieties)	Crop Specific Advisory
RICE	The Kuruvai season is the optimal time to harvest paddy as less rain is expected in the next two days. harvested paddy grains should be stored in a dry places.

GREEN GRAM	Due to the good rainfall so far, the soil has the required amount of moisture and the expected rainfall is suitable for VBN 4. 8 kg seed per acre is sufficient. It is a multi-flowering plant. Harvest the plants just above ground level when the pods mature during the last harvest from the 60th to the 70th day. have to do . Thus root nodules in the soil help to increase soil fertility. Yield is 450-500 kg per acre with an average of 45-60 pods per plant and an average of 10-13 seeds per pod. 280 mm of water is sufficient for short duration alfalfa. The average northeast monsoon rainfall currently anticipated will exceed its water requirement for the alfalfa crop. Yield is obtained by setting up good drainage facilities and crop protection practices.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Before monsoon ensure that cows and buffaloes were vaccinated against foot and mouth disease.
GOAT	Farmers are advised to fumigate the goat shed With Notchi leaves to prevent fly attack.
COW	Farmers should give deworming medicine to their livestock as continuous rain is likely to infect livestock.
Poultry(Varieties)	Poultry Specific Advisory
COCK	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
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Farmers who cultivate fodder crops under rainfed conditions can use the expected rainfall to conserve moisture by setting up mulch or mulch with crop or plant variety wastes to obtain higher fodder yields.
GENERAL ADVICE	Heavy rain on 03 October, moderate rain on 01 and 02 October Proper drainage facilities to be ensured in the crops fields, since rains are expected. Avoid application of fertilizer, insecticide and weedicide due to rains.

Ramanathapuram

From extended range forecast, above normal rainfall, Normal maximum temperature and minimum temperature expected for the period of October 03 to October 09 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
RICE	Farmers are advised to sown drought tolerant rice varieties like Anna 4, Co 51, ADT 45 and CO 53
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, Light to Moderate rainfall is expected in the district for the next 4 days, farmers are advised to postpone the spraying activities and to take necessary steps to harvest the rain water. Extended Range Forecast for Tamil Nadu (01.10.2021 -07.10.2021): Some parts of Tamilnadu region may receive Above Normal Rainfall during subsequent one week 01 to 07 October 2021. THUNDERSTORM WARNING: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu on 29 Sep to 03 Oct 2021. Chances of Moderate rain during 1, 2, 3 Oct. Max temp- 32°C-33°C & Min temp -22°C-24°C. Cloudy sky for next 5 days. Wind speed 8 kmph from W & SW directions.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Due to the prevailing weather condition, foliar spray of 1% urea may give better result for improved yield in black gram. Foliar spray of 1% urea on 30th and 45th day after sowing is recommended. Or foliar spray of 2% DAP can be given to Blackgram crop.
Horticulture(Varieties)	Horticulture Specific Advisory
Drumstick	Using the prevailing weather, farmers can follow the fertilizer recommendation for Moringa to get good yield. A fertilizer dose of 45:16:30 gm of NPK per pit may be applied immediately 3 months after sowing. And apply 45gm of Nitrogen per pit after 6 months when the crop is in bearing stage.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Kind attention to the cattle growers, deworming has to be done for the livestock in the beginning of the rainy season and throughout the season. Because, during this period, the worms get multiplied at a greater rate. Farmers are advised to contact the nearby vet-clinic and de-worm your cattle with the support of the veterinarian.

Theni

Since, Light to Moderate rainfall is expected in the district for the next 5 days, farmers are advised to postpone the spraying activities and to take necessary steps to harvest the rain water. Extended Range Forecast for Tamil Nadu (01.10.2021 -07.10.2021): Some parts of Tamilnadu region may receive Above Normal Rainfall during subsequent one week 01 to 07 October 2021. THUNDERSTORM WARNING: Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu on 29 Sep to 03 Oct 2021. Chances of light to Moderate rain during the next five days. Max temp- 31°C-32°C & Min temp -22°C-23°C. Cloudy sky for next 5 days. Wind speed 8 kmph from W & SW directions.

Crop(Varieties)	Crop Specific Advisory
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BLACK GRAM	Prevailing present weather condition the incense of Yellow mosaic in pulses. To manage this disease, farmers are advised to set up yellow sticky trap @ 5 No. / acre to monitor the movements of the vector whitefly and if the vector population is noticed farmers are advised to spray any one of the following, Imidacloprid or Acitampiride @ 2ml per litre of water to manage the vector white fly.
JASMINE	Due to the prevailing weather condition the incense of Collar and Root Rot is expected in Jasmine. Plants at all stages are infected. First the older leaves become yellow followed by younger leaves and finally the plant dies. Black discoloration can be seen on the root. To control remove the affected plant away from the field and drench Trichoderma viride @ 1kg per acre and spray Copper oxy chloride @ 2.5gm per litre of water.
Live Stock (Varieties)	Live Stock Specific Advisory
COW	Kind attention to the cattle growers, deworming has to be done for the livestock in the beginning of the rainy season and throughout the season. Because, during this period, the worms get multiplied at a greater rate. Farmers are advised to contact the nearby vet-clinic and de-worm your cattle with the support of the veterinarian.

Virudhunagar

Agro Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Block level Weather forecast		Thunderstorm with light to moderate rain is likely to occur at isolated places on Day1 (29.09.21) and Day2 (30.09.21). Thunderstorm with light to moderate rain is likely to occur at a few places on Day3 (01.10.21). Thunderstorm with heavy rain is likely to occur at isolated places on Day4 (02.10.21). Thunderstorm with heavy to very heavy rain is likely to occur at isolated places on Day5 (03.10.21). 4-19 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/gap filling.
	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 sowing may be adopted. Incorporate the neem cake in the soil to protect the seedlings from pest and diseases.

SMS: Rain: 30.09-03.10- 4,15,25&15 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 Kanyakumari and Tirunelveli districts. Thunderstorm with light to moderate rain is likely to occur at isolated places over south Tamilnadu and western Ghat districts of Tamilnadu on Day 1 (29.09.2021).</p> <p>Thunderstorm with light to moderate rain is likely to occur at isolated places over coastal Tamil Nadu and adjoining interior districts of Tamilnadu on Day 2 (30.09.2021).</p> <p>Thunderstorm with heavy rain is likely to occur at isolated places over coastal Tamil Nadu and adjoining interior districts of Tamilnadu. Thunderstorm with light to moderate rain is likely to occur at a few places over western Ghat districts and rest Tamilnadu on Day 3 (01.10.2021)</p> <p>Thunderstorm with heavy rain is likely to occur at isolated places over Delta districts, south Tamilnadu and interior Tamilnadu. Thunderstorm with moderate rain is likely to occur at most places over rest Tamilnadu on Day 4 (02.10.2021).</p> <p>Thunderstorm with heavy to very heavy rain is likely to occur at isolated places over interior Tamilnadu. Thunderstorm with heavy rain is likely to occur at isolated places over coastal Tamilnadu, Puducherry & Karaikal area. Thunderstorm with moderate rain is likely to occur at most places over rest Tamilnadu on Day 5 (03.10.2021).</p>
	HEAVY RAINFALL WARNING:	<p>Day 1(29.09.2021): Heavy rain is likely to occur at isolated places over Kanyakumari and Tirunelveli districts of Tamilnadu.</p> <p>Day 3(01.10.2021): Heavy rain is likely to occur at isolated places over coastal Tamil Nadu and adjoining interior districts of Tamilnadu.</p> <p>Day 4(02.10.2021): Heavy rain is likely to occur at isolated places</p>

		over Delta districts, south Tamilnadu and interior Tamilnadu. Day 5(03.10.2021): Heavy to very heavy rain is likely to occur at isolated places over interior Tamilnadu. Heavy rain is likely to occur at isolated places over coastal Tamilnadu.
	Thunderstorm Warning	Day 1(29.09.2021) to Day 5(03.10.2021): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu
Extended range of weather forecast		Week (2021-10-03 to 2021-10-09) is predicted to be Above Normal rain fall (69.35 %).

Tirunelveli

Agro Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Block level Weather forecast		Thunderstorm with heavy rain is likely to occur at isolated places on Day1 (29.09.21). Thunderstorm with light to moderate rain is likely to occur at isolated places on Day2 (30.09.21). Thunderstorm with heavy rain is likely to occur at isolated places from Day3 (01.10.21) to Day5 (03.10.21). 5-27 km/hr. block level wind speed is predicted.
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.
	Sowing	Light to moderate rainfall is expected. Hence, farmers are requested to go for sowing based on the weather prevailed in the particular location.
	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 sowing may be adopted. 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) Chlorotriniptrole 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: 29.09-03.10– 15,4,10,25& 30 mm. Postpone the irrigation. Ploughing to be done. Seed-Cotton (KC 3 & K12), Maize (CoH(M) 6), Sorghum (K 8 & K 12), Black gram (Vamban 6 & 8, MDU 1), Green gram (CO 7 & CO 8)

Tamil Nadu

Next five days	Weather Warning	<p>Thunderstorm with heavy rain is likely to occur at isolated places over Kanyakumari and Tirunelveli districts. Thunderstorm with light to moderate rain is likely to occur at isolated places over south Tamilnadu and western Ghat districts of Tamilnadu on Day 1 (29.09.2021).</p> <p>Thunderstorm with light to moderate rain is likely to occur at isolated places over coastal Tamil Nadu and adjoining interior districts of Tamilnadu on Day 2 (30.09.2021).</p> <p>Thunderstorm with heavy rain is likely to occur at isolated places over coastal Tamil Nadu and adjoining interior districts of Tamilnadu. Thunderstorm with light to moderate rain is likely to occur at a few places over western Ghat districts and rest Tamilnadu on Day 3 (01.10.2021)</p> <p>Thunderstorm with heavy rain is likely to occur at isolated places over Delta districts, south Tamilnadu and interior Tamilnadu. Thunderstorm with moderate rain is likely to occur at most places over rest Tamilnadu on Day 4 (02.10.2021).</p> <p>Thunderstorm with heavy to very heavy rain is likely to occur at isolated places over interior Tamilnadu. Thunderstorm with heavy rain is likely to occur at isolated places over coastal Tamilnadu, Puducherry & Karaikal area. Thunderstorm with moderate rain is likely to occur at most places over rest Tamilnadu on Day 5 (03.10.2021).</p>
	HEAVY RAINFALL WARNING:	<p>Day 1(29.09.2021): Heavy rain is likely to occur at isolated places over Kanyakumari and Tirunelveli districts of Tamilnadu.</p> <p>Day 3(01.10.2021): Heavy rain is likely to occur at isolated places over coastal Tamil Nadu and adjoining interior districts of Tamilnadu.</p> <p>Day 4(02.10.2021): Heavy rain is likely to occur at isolated places over Delta districts, south Tamilnadu and interior Tamilnadu.</p> <p>Day 5(03.10.2021): Heavy to very heavy rain is likely to occur at isolated places over interior Tamilnadu. Heavy rain is likely to occur at isolated places over coastal Tamilnadu.</p>
	Thunderstorm Warning	Day 1(29.09.2021) to Day 5(03.10.2021): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu
Extended range of weather forecast		Week (2021-10-03 to 2021-10-09) is predicted to be Above Normal rain fall (69.35 %).

Thoothukudi

Crop/ Ecosystem	Stage / Activities	Advisories
Block level Weather forecast		<p>Thunderstorm with light to moderate rain is likely to occur at isolated places on Day1 (29.09.21).</p> <p>Thunderstorm with light to moderate rain is likely to occur at isolated places on Day2 (30.09.21).</p>

		Thunderstorm with heavy rain is likely to occur at isolated places from Day3 (01.10.21) to Day5 (03.10.21). 6-27 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.
	Sowing	Light to moderate rainfall is expected. Hence, farmers are requested to go for sowing/gap filling based on the weather prevailed at the particular location.
	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 sowing may be adopted. Incorporate the neem cake in the soil to protect the seedlings from pest and diseases
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:30.09. to 03.10. – 4,15,25&8 mm. Postpone the irrigation. 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 Kanyakumari and Tirunelveli districts. Thunderstorm with light to moderate rain is likely to occur at isolated places over south Tamilnadu and western Ghat districts of Tamilnadu on Day 1 (29.09.2021).</p> <p>Thunderstorm with light to moderate rain is likely to occur at isolated places over coastal Tamil Nadu and adjoining interior districts of Tamilnadu on Day 2 (30.09.2021).</p> <p>Thunderstorm with heavy rain is likely to occur at isolated places over coastal Tamil Nadu and adjoining interior districts of Tamilnadu. Thunderstorm with light to moderate rain is likely to occur at a few places over western Ghat districts and rest Tamilnadu on Day 3 (01.10.2021)</p> <p>Thunderstorm with heavy rain is likely to occur at isolated places over Delta districts, south Tamilnadu and interior Tamilnadu. Thunderstorm with moderate rain is likely to occur at most places over rest Tamilnadu on Day 4 (02.10.2021).</p> <p>Thunderstorm with heavy to very heavy rain is likely to occur at isolated places over interior Tamilnadu. Thunderstorm with heavy rain is likely to occur at isolated places over coastal Tamilnadu, Puducherry & Karaikal area. Thunderstorm with moderate rain is likely to occur at most places over rest Tamilnadu on Day 5 (03.10.2021).</p>
	Heavy rainfall warning	<p>Day 1(29.09.2021): Heavy rain is likely to occur at isolated places over Kanyakumari and Tirunelveli districts of Tamilnadu.</p> <p>Day 3(01.10.2021): Heavy rain is likely to occur at isolated places over coastal Tamil Nadu and adjoining interior districts of Tamilnadu.</p> <p>Day 4(02.10.2021): Heavy rain is likely to occur at isolated places over Delta districts, south Tamilnadu and interior Tamilnadu.</p> <p>Day 5(03.10.2021): Heavy to very heavy rain is likely to occur at isolated places over interior Tamilnadu. Heavy rain is likely to occur at isolated places over coastal Tamilnadu.</p>
	Thunderstorm Warning	Day 1(29.09.2021) to Day 5(03.10.2021): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu
Extended range of weather forecast		Week (2021-10-03 to 2021-10-09) is predicted to be Above Normal rain fall (69.35 %).

Salem

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot& DAMINI).		
Crops	General	Farmers should set up drainage facilities in the fields to avoid crop damage as heavy and moderate rains are expected and to collect rainwater and raise the groundwater level to avoid wastage.
Paddy	Vegetative	Rice – In nursery for the management of thrips spray- azadiractin 0.15% - 1.5 – 2.5 kg/ ha or thiamethoxam 25 wg -100 gm /ha.
	Vegetative	In rice for the management of leaf folder release trichogrammachiloni @100000/ha, thrice at weekly intervals for 30 days after transplantation or spray Bt @ 1.50kg/ha. Or flubendimile 20wg @ 125-250 g / ha Or indoxacarb 15.8% EC @ 200 ml / 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.
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.
	Cattle	Supplementation of 25-30 gram of mineral mixture to cattle provides essential minerals required for reproduction, and thereby reduces the incidence of infertility summer stress.
	Young	Clean the mouth and nostril of new born calf and feed colostrum within 30 minutes, apply tincture iodine on the umbilical of calf.
	Goats	Feeding of extra concentrate to goats 2-3 weeks prior to breeding will increase the number of ova released from ovary and thus increase twins / triplet percentage.
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.
	Desi birds	While rearing desi chicken in deep litter system of housing, care should be taken to avoid excess moisture content in litter material (groundnut husk, paddy husk) if excess moisture is observed in litter material, lime powder absorbs the excess moisture and also it acts as disinfectant and reduces the microbial load inside the shed.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock,	Stage	Weather advisory
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poultry & Crop		
Livestock	General	Prevailing moist weather condition is favourable for seasonal diseases and Ectoparasites. To prevent that and maintain the shed hygiene application of dry calcium carbonate powder and bleaching powder 2:1 dusting in and around moist areas. To prevent water logging condition and animal urine stagnation filling up of uneven places using dry soil in a slope way.
Livestock	Sheep and Goat	Breeding season for sheep and goats The breeding season for sheep and goats starts from July to October when the seasonal rainfall starts. Breeding of ewes and does depends on feed and season. During this season, the feeding of ewes (flushing) increases more number of ewes to attain heat and breed so that there will be more number of multiple birth in does and uniform size lambs / kids crop.
Poultry	General	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. As the wind speed will be high, the poultry farmers having raised platform sheds should be careful in avoiding feed wastage. Addition of vegetable oil in small quantities and using of side hangings will prevent wastage of feed particularly loss of valuable supplements like vitamins.
Pig	Piglet	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.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Cucurbitaceous vegetables	Vegetative stage	To improve the growth and yield of cucurbitaceous vegetables, give foliar spraying with arka microbial consortia @ 20 gram / litre of water at 15 days interval.
Small onion	Sowing period	Farmers are requested to apply 10 tonnes of farmyard manure along with 1 kg azospirillum + 1 kg phosphobacteria as basal dose during the sowing of small onion.
Sugarcane	Growing stage	Farmers are requested to give foliar spray with sugarcane booster @ 1 , 1.5 and 2 kg on 45, 60, and 75 days after planting in 200 litre of water along with sticking agent in order to rectify the micronutrient deficiency and to improve the yield of sugarcane.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Dharmapuri :		
General		Farmers involved in composting are turned the compost to pit periodically once in 15 days to allow more aeration inside the material there by enhance the speed of composting process.
Bhendi	Vegetative	In Bhendi, the fruits become small in and malformed due to boron deficiency. Spraying of 0.2 g borax with

		0.5 ml of wetting agent in 1 litre is recommended for managing the boron deficiency.
Turmeric	Vegetative	To control leaf blotch in turmeric, spraying of copper oxychloride @2.5g/litre of water with wetting agent @0.5ml/litre of water is advised.
Tomato	Vegetative	In tomato , to control early leaf blight, spraying of hexaconazole 5%SL@1ml/ litre of water is recommended
Chilli	Vegetative	spraying of spinetoram11.7SL@1ml/ litre(or)Imidacloprid 17.8SL @ 0.3ml/ litre is recommended to control thrips problem in chilli.
Livestock and Poultry	General	Livestock animals and poultrybirds should be free from ectoparasites, so remove once in 3 months.
Livestock	Cattle	<p>Management of Foot and mouth disease in cattle</p> <p>Ingredients:</p> <p>Cumin - 10g Fenugreek- 10g Pepper - 10g Turmeric powder - 10g Garlic - 4 Nos. Coconut - 1 No. Jaggery - 120g</p> <p>Procedure:</p> <ul style="list-style-type: none"> - Soak cumin, fenugreek, Turmeric powder, Garlic, Jaggery 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 <p>Method of use:</p> <ul style="list-style-type: none"> - Apply the mixture in the mouth, tongue and also inner corners of the mouth for 3 times per day for 3-5 days. For effective result use freshly prepared mixture only.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, poultry & Crop	Stage	Weather advisory
Livestock	General	Prevailing moist weather condition is favourable for seasonal diseases and Ectoparasites. To prevent that and maintain the shed hygiene application of dry calcium carbonate powder and bleaching powder 2:1 dusting in and around moist areas. To prevent water logging condition and animal urine stagnation filling up of uneven places using dry soil in a slope way.
Livestock	Sheep and Goat	Breeding season for sheep and goats The breeding season for sheep and goats starts from July to October when the

		seasonal rainfall starts. Breeding of ewes and does depends on feed and season. During this season, the feeding of ewes (flushing) increases more number of ewes to attain heat and breed so that there will be more number of multiple birth in does and uniform size lambs / kids crop.
Poultry	General	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. As the wind speed will be high, the poultry farmers having raised platform sheds should be careful in avoiding feed wastage. Addition of vegetable oil in small quantities and using of side hangings will prevent wastage of feed particularly loss of valuable supplements like vitamins.
Pig	Piglet	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.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Cucurbitaceous vegetables	Vegetative stage	To improve the growth and yield of cucurbitaceous vegetables, give foliar spraying with arka microbial consortia @ 20 gram / litre of water at 15 days interval.
Small onion	Sowing period	Farmers are requested to apply 10 tonnes of farmyard manure along with 1 kg azospirillum + 1 kg phosphobacteria as basal dose during the sowing of small onion.
Sugarcane	Growing stage	Farmers are requested to give foliar spray with sugarcane booster @ 1 , 1.5 and 2 kg on 45, 60, and 75 days after planting in 200 litre of water along with sticking agent in order to rectify the micronutrient deficiency and to improve the yield of sugarcane.

Karaikal

Weather based Agro-Advisories.

Crop/ Livestock	Stage/ Particulars	Agro Advisory
Rice	Main field preparation	Before planting or direct sowing, efficient drainage facilities may be provided to avoid flooding of fields.
	Sowing	For direct seeded rice, sowing may be done up to 30 th September.
	Fertilizer application	Apply urea @ 37 kg/ha, DAP @ 100 kg/ha, potash @ 25 kg/ha, zinc sulphate @ 25 kg/ha and gypsum @ 500 kg/ha as basal for samba paddy crop before transplanting.
		For direct seeded rice, apply 50 kg of P ₂ O ₅ /ha as basally in the last plough and provide shallow trenches (15 cm width) at an interval of 3 m all along the field to facilitate the draining of excess water in case of heavy rainfall at the early growth stage of rice.
Weeding	In paddy, to control weeds in nursery area of 800 m ² , apply any one of the pre-emergence herbicides viz., Pretilachlor + safener 24 gram at 3 rd or 4 th days after sowing (DAS) or Butachlor 160 ml (or) Anilophos 120 ml at 8 th DAS with sand.	

		To manage weeds in direct wet seeded rice, apply pyrazosulfuron ethyl @ 200 g/ha or Pretilachlor + safener (sofit) 50% EC @ 0.45 kg/ha at 3-5 days after sowing.
		To manage weeds in direct dry seeded rice, apply pendimethalin @ 3.3 l/ha at 3 days after sowing.
Cattle	Paddy straw enriching	During rainy days, <u>urea</u> enriched paddy straw can be prepared and used for cattle (To enrich 100 kg of paddy straw, dissolve 4 kg urea in 65 litres of water and sprinkle prepared urea solution over the paddy straw and cover it. After 21 days the urea treated paddy straw can be used for feeding).
	Vaccination	Before the onset of monsoon, animals may be vaccinated for Foot and Mouth Disease and Hemorrhagic Septicemia.
	Deworming	Grazing animals that are drinking pond water should be dewormed.

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

Puducherry

Weather based Agro-Advisories

Crops / Livestock	Stage/particulars	Agro Advisory
Rice	Main field preparation	Before planting or direct sowing, efficient drainage facilities may be provided to avoid flooding of fields.
Bhendi	Flowering & Fruiting	To control bhendi fruit borer, setup pheromone trap @ 12/ha or spray azadirachtin 0.03% 5g/liter.
Groundnut	Flowering & Pegging	During rainy season iron deficiency may be seen in groundnut , apply FeSO4 1% @ 10 ml / liter
		To control Groundnut leaf minor, set up light trap between 6 to 10 pm at ground level
Coconut	Fruiting	To control spiraling whitefly in coconut, spray water forcibly and set up yellow sticky trap @ 8 numbers/ac. In severe cases, spray neem oil 0.5 % + tween 80 (0.005%).
Brinjal	Flowering & Fruiting	To manage Brinjal shoot borer, apply neem cake 200 kg/ha or spray Emamectin Benzoate 4% SG@ 0.4g/l.
Cattle	Paddy straw enriching	During rainy days, urea enriched paddy straw can be prepared and used for cattle (To enrich 100 kg of paddy straw, dissolve 4 kg urea in 65 litres of water and sprinkle prepared urea solution over the paddy straw and cover it. After 21 days the urea treated paddy straw can be used for feeding).
	Vaccination	Before the onset of monsoon, animals may be vaccinated for Foot and Mouth Disease and Hemorrhagic Septicemia.
	Deworming	Grazing animals that are drinking pond water should be dewormed.

SMS: Farmers are advised to postpone irrigation to the crops as light to heavy 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. 29.09.2021 to 05.10.2021) From 4.86 mm to 7.02 mm. Land preparation for samba season may be taken up using the expected light rainfall. Before sowing treat the seeds with carbendzim 2g/kg.

Crop(Varieties)	Crop Specific Advisory
RICE	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.
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
SORGHUM (JOWAR/GREAT MILLET)	Due to prevailing weather the shoot fly infestation may occur in sorghum. To control shoot fly, Spray Dimethoate 30EC 500 ml/ha.
MAIZE	Due to prevailing weather the downy mildew incidence may occur in maize. To control downy mildew, Spray mancozeb 1 kg/ha at 20 days after sowing.
GROUNDNUT	Due to prevailing weather leaf spot disease may occur in groundnut. To control this disease spray mancozeb @1000 g/ha.
OKRA/ LADYFINGER	To control white fly in ladies finger, Spray azadirachtin 0.03 WSP at 5.0 grams per 10 litre of water.
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.

TOMATO	Due to prevailing weather the white fly incidence may occur in Tomato. To control install yellow sticky traps @12/ha.
BRINJAL	Before cultivating the brinjal in may month, treat the brinjal seeds with trichoderma viride at 4 g/kg. It will protect your crop from fungal diseases.
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.
CHILLI	Due to prevailing weather the Thrips incidence may occur in Chillies. To control, Spray Imidacloprid 17.8 SL 3 ml/10 litre.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Due to high wind speed feed material of poultries may be drifted hence hanging of gunny bags at the borders of the shed to reduce the wind speed.

NILGIRIS DISTRICT

Coonoor, Gudalur, Kotagiri and Ooty Blocks

Agro Advisory

Crop	Stage	Advisory
General		Moderate rainfall is likely to occur at isolated places over on 02th and 03th.
		To conserve forthcoming rainfall moisture in soil, apply mulching around root zone.
Cabbage and Cauliflower	Vegetative stage	Head rot disease is fast spreading in Cabbage and Cauliflower. Farmers are advised to spray Copper Oxy Chloride @ 2g/l to control Head rot disease in Cabbage & Cauliflower.
Garlic	Vegetative stage	To control thrips infestation in Garlic, spray Dimethoate 1.5 ml per litre of water.
Fruit trees	Matured	For well grown Jack fruit trees, during September month, apply 1650 grams Urea, 2220 grams super phosphate, 850 grams potash along with 50 kgs of Farm Yard manure.

		For grown up orange trees, using the forthcoming moderate rainfall, apply 300 g Urea, 200g Super phosphate, 300 g potash along with 25 kgs of compost.
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SMS advisory

To control thrips infestation in Garlic crop, spray Dimethoate 1.5 ml per litre of water.

