



Years of Service to the Nation
राष्ट्र सेवा के 150 वर्ष

तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श बुलेटिन



State Composite Agro-meteorological Advisory Bulletin for Tamil Nadu and Puducherry Bulletin No. 079/2024

For the period 0830 IST, 01st October 2024 to
0830 IST, 06th October 2024

Issued on Tuesday, 01st October 2024

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, Tiruvarur, Karur, Perambalur, Ariyalur and Tiruchirapalli.	Adudurai
5	Southern zone	Virudhunagar, Tirunelveli and Thoothukudi	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 27.09.24 to 30.09.24 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 30°C – 39°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 18°C – 22°C during the period.

Minimum temperature of range 22°C - 30°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 11°C - 14°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Tamil Nadu	Puducherry
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	29.09.24 & 30.09.24	29.09.24
Isolated (One or Two Places)	27.09.24 & 28.09.24	--
Dry	--	27.09.24, 28.09.24 & 30.09.24

Chief Amounts of Rainfall (in cms):-

27.09.24 : KCS Mill-1 Moongilthuraipattu (dist Kallakurichi) 9, KCS Mill-1 Kadavanur (dist Kallakurichi), Natham AWS (dist Dindigul), BASL Vengur (dist Kallakurichi), Natham (dist Dindigul) 5 each, Ariyalur Camp Area (dist Kallakurichi), KCS Mill-1 Ariyalur (dist Kallakurichi) 4 each, BASL Manalurpet (dist Kallakurichi), Cincona (dist Coimbatore), Thirukoilur ARG (dist Kallakurichi) 3 each, Avinasi (dist Tiruppur), BASL Manampoondi (dist Villupuram), RSCL-3 Valathy (dist Villupuram), TNAU CTI Yethapur (dist Salem), Cuddalore Collector Office (dist Cuddalore), Tirukoilur (dist Kallakurichi), Sankarapuram (dist Kallakurichi), Chinnakalar (dist Coimbatore), Cuddalore (dist Cuddalore), Taluk Office Pandalur (dist The Nilgiris), DSCL Thiyagadurgam (dist Kallakurichi), Kalasapakkam (dist Tiruvannamalai) 2 each, Anaimaduvu Dam (dist Salem), RSCL-3 Avalurpettai (dist Villupuram), Sandhiyur KVK AWS (dist Salem), SRC Kudithangi (dist Cuddalore), Alakarai Estate (dist The Nilgiris), Keelpennathur (dist Tiruvannamalai), Thandarampettai (dist Tiruvannamalai), Uthangarai (dist Krishnagiri), Singampunari (dist Sivagangai), DSCL Virugavoor (dist Kallakurichi), DSCL Rshivandhiyam (dist Kallakurichi), Nambiyur (dist Erode), Elanthakuttai Medu (dist Erode), Vint Worth Estate (dist The Nilgiris), Bhavani (dist Erode), KCS Mill-2 Moorarpalayam (dist Kallakurichi), Adar Estate (dist The Nilgiris), DSCL Eraiyur (dist Kallakurichi), Manimutharu Dam PWD (dist Kallakurichi) 1 each.

28.09.24 : Srivilliputhur (dist Virudhunagar), Sattur (dist Virudhunagar) 8 each, Vazhapadi (dist Salem) 7, Arcot (dist Ranipet), Wallajah (dist Ranipet) 6 each, Anaimaduvu Dam (dist Salem) 5, Theerthandathanam (dist Ramanathapuram), Edapadi (dist Salem), Rasipuram (dist Namakkal) 4 each, Pallipattu (dist Tiruvallur), Vattanam (dist Ramanathapuram), Chembarabakkam (dist Kancheepuram), Krishnarayapuram (dist Karur), Vaniyambadi (dist Tirupathur), Ammoor (Walajah Railway) (dist Ranipet), Mayanur (dist Karur), Ennore AWS (dist Chennai), Gobichettipalayam (dist Erode), Erumapatti (dist Namakkal), Kovilpatti (dist Thoothukudi), Ponnai Dam (dist Vellore), Kamudhi (dist Ramanathapuram), Rajapalayam (dist Virudhunagar), Chembarambakkam ARG (dist Kancheepuram), Vettikadu (dist Thanjavur), Poonamallee (dist Tiruvallur), Koppampatti (dist Thiruchirappalli) 3 each, Mettur (dist Salem), Mangalapuram (dist Namakkal), Thuraiyur (dist Thiruchirappalli), Barur (dist Krishnagiri), Ammundi (dist Vellore), Thogamalai (dist Karur), Kamudhi ARG (dist Ramanathapuram), Sivakasi (dist Virudhunagar), Sivagangai PWD TB (dist Sivagangai), Ammapettai (dist Erode), Ranipet (dist Ranipet), Red Hills (dist Tiruvallur), Perambur (dist Chennai), Chamraj Estate (dist The Nilgiris), RSCL-2 Soorapattu (dist Villupuram), Elanthakuttai Medu (dist Erode), Kolapakkam ARG (dist Kancheepuram), Palar Anicut (dist Ranipet), Tiruvadana (dist Ramanathapuram) 2 each, Yercaud (dist Salem), Jambukuttapatti (dist Krishnagiri), Tirupathur (dist Sivagangai), Pochampalli ARG (dist Krishnagiri), Adiramapattinam (dist Thanjavur), Wood Braiyar Estate (dist The Nilgiris), Paiyur AWS (dist Krishnagiri), Tnau Cri Yethapur (dist Salem), Puduchatram (dist Namakkal), Nkl Collectorate (dist Namakkal), Kundrathur (dist Kancheepuram), Singampunari (dist Sivagangai), Panchapatti (dist Karur), ACS Medical College ARG (dist Kancheepuram), Chennai(N) AWS (dist Chennai), Harisan Malayalam Ltd. (dist The Nilgiris), Tiruchengode (dist Namakkal), Zone1 U32 Maduravoyal (dist Chennai), TNAU Coimbatore (dist Coimbatore), Devakottai (dist Sivagangai), Chennai (N) (dist Chennai), Illayangudi (dist Sivagangai), Vembakkam (dist Tiruvannamalai), Zone1 Valasaravakkam (dist Chennai), Tirumayam (dist Pudukkottai), Sethu Bhaskar Agri College AWS (dist Sivagangai), Thenparanadu (dist Thiruchirappalli), Koratur (dist Tiruvallur), Arantangi (dist Pudukkottai) 1 each.

29.09.24 : Manapparai (dist Thiruchirappalli) 11, Kunderipallam (dist Erode), Usilampatti (dist Madurai), Palani AWS (dist Dindigul) 9 each, Viralimalai (dist Pudukkottai), Kodanad (dist The Nilgiris), Palani (dist Dindigul) 8 each, Natham (dist Dindigul) , Natham AWS (dist Dindigul) , Annavasal (dist Pudukkottai) 7 each, Dharapuram (dist Tiruppur), Varattupallam (dist Erode), Manjalar (dist Theni), Elumalai (dist Madurai), Nilakottai (dist Dindigul), Oddanchatram (dist Dindigul), Alakarai Estate (dist The Nilgiris), Uppar Dam (dist Tiruppur) 6 each, Periyanaickenpalayam (dist Coimbatore), Singampunari (dist Sivagangai), Sholavandan (dist Madurai), Periyakulam (dist Theni), Peraiyur (dist Madurai), Coonoor PTO (dist The Nilgiris), Illuppur (dist Pudukkottai) 5 each, Yercaud (dist Salem), Zone 03 Puzhal (dist Chennai), Puzhal ARG (dist Tiruvallur), Tiruppur IB PWD (dist Tiruppur), Adar Estate (dist The Nilgiris), Ayikudi (dist Tenkasi), Palladam (dist Tiruppur), Vaigai Dam (dist Theni), DC Office Tiruppur (dist Tiruppur), Tiruppur DC Office (dist Tiruppur), PWD Makkinampatti (dist Coimbatore), Watrap (dist Virudhunagar), Coonoor (dist The Nilgiris), Kil Kotagiri Estate (dist The Nilgiris), Kuzhithurai (dist Kanniyakumari) 4 each, Tiruppur AWS (dist Tiruppur), Marungapuri (dist Thiruchirappalli), Andipatti (dist Madurai), Vadipatti (dist Madurai), Lalpet (dist Cuddalore), Avinasi (dist Tiruppur), Kovilpatty (dist Thiruchirappalli), Andipatti (dist Theni), Sular (dist Coimbatore), Kalakadu (dist Tirunelveli), Thogamalai (dist Karur), Ottapadiram (dist Thoothukudi), Thirparappu (dist Kanniyakumari), Tiruppur South (dist Tiruppur), Pollachi (dist Coimbatore), Kothagiri (dist The Nilgiris) 3 each, Azhiyar (dist Coimbatore), Chengalpattu (dist Chengalpattu), RSCL-3 Anandhapuram (dist Villupuram), Bahour (dist Puducherry), Madathukulam (dist Tiruppur), Valinokam (dist Ramanathapuram), Adayamadai (dist Kanniyakumari), Chamraj Estate (dist The Nilgiris), Kundadam (dist Tiruppur), Udumalpet (dist Tiruppur), Musiri (dist Thiruchirappalli), Avalanche (dist The Nilgiris), Tambaram (dist Chengalpattu), Sivakasi (dist Virudhunagar), Bhavanisagar

(dist Erode), Tenkasi AWS (dist Tenkasi), Thenkasi (dist Tenkasi), Kodaikannal Boat Club (dist Dindigul), Srivilliputhur (dist Virudhunagar), Thirumoorthi Dam (dist Tiruppur), Periyar (dist Theni), Kovilpatti (dist Thoothukudi), Palayamkottai (dist Tirunelveli), Marandahalli (dist Dharmapuri), Kuppanampatti (dist Madurai), Zone 07 Ambattur (dist Chennai), Suralacode (dist Kanniyakumari), Kancheepuram (dist Kancheepuram), Geddai (dist The Nilgiris), Thuckalay (dist Kanniyakumari), Shanthi Vijaya School (dist The Nilgiris) 2 each, Tindivanam (dist Villupuram), Kelavarapalli Dam (dist Krishnagiri), Thirumoorthy IB (dist Tiruppur), Balamore (dist Kanniyakumari), Bhoothapandy (dist Kanniyakumari), Kurinjipadi (dist Cuddalore), Virudhunagar (dist Virudhunagar), Pilavakkal_Periyar Dam (dist Virudhunagar), Kodaikanal (dist Dindigul), Uthukuli (dist Tiruppur), Tondi (dist Ramanathapuram), Cholavaram (dist Tiruvallur), Emeraldad (dist The Nilgiris), Vembakkam (dist Tiruvannamalai), Perunchani Dam (dist Kanniyakumari), Thekkadi (dist Theni), Nagercoil (dist Kanniyakumari), Sothuparai (dist Theni), K.M.Koil (dist Cuddalore), Maniyachi (dist Thoothukudi), Kunda Bridge (dist The Nilgiris), Kinnakorai (dist The Nilgiris), Sathyamangalam (dist Erode), Tiruppur North (dist Tiruppur), PWD Vaarappatti (dist Coimbatore), Glenmorgan (dist The Nilgiris), Kurunthancode (dist Kanniyakumari), Nagercoil ARG (dist Kanniyakumari), Puthan Dam (dist Kanniyakumari), Kamudhi (dist Ramanathapuram), Annur (dist Coimbatore), Pillur Dam Mettupalayam (dist Coimbatore), Mambzhathuraiyaru (dist Kanniyakumari), Virdhachalam KVK AWS (dist Cuddalore), Amaravathy Dam (dist Tiruppur), Mudukulatur (dist Ramanathapuram), Kalia (dist Kanniyakumari), Anaikedanku (dist Kanniyakumari), Kulithalai (dist Karur), Kuppanatham (dist Cuddalore), Puducherry Town (dist Puducherry), Valparai PTO (dist Coimbatore), Puducherry (dist Puducherry), Ponnaniyar Dam (dist Thiruchirappalli), Shanmuganadhi (dist Theni), VIT_Chennai AWS (dist Chengalpattu), Mullanginavillai (dist Kanniyakumari), Gudalur (dist Theni), Ramanathapuram (dist Ramanathapuram), Arupukottai (dist Virudhunagar), Cincona (dist Coimbatore), Pulivalam (dist Thiruchirappalli), Hosur AWS (dist Krishnagiri), Sholayar (dist Coimbatore), Hosur (dist Krishnagiri), Karaiyur (dist Pudukkottai) 1 each.

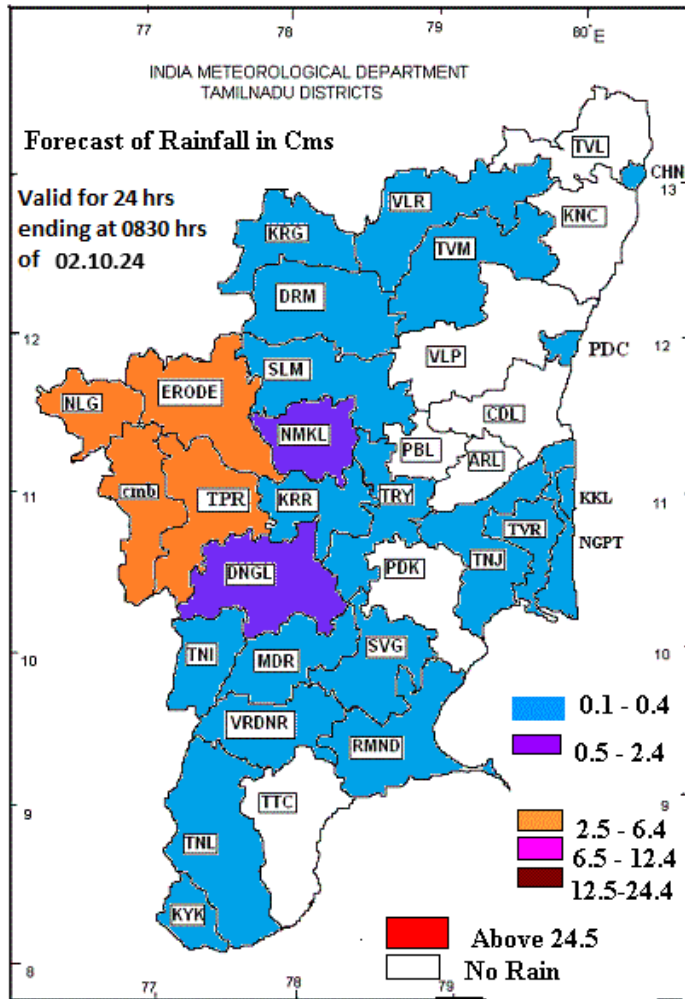
30.09.24 : Kayalpattinam (dist Thoothukudi) 9, Coonoor PTO (dist The Nilgiris), Palayamkottai (dist Tirunelveli) 8 each, Thoothukudi Port AWS (dist Thoothukudi), Kothagiri (dist The Nilgiris), Karuppanadhi Dam (dist Tenkasi), Kayathar (dist Thoothukudi), Maniyachi (dist Thoothukudi) 7 each, Old Taluk Office Srivaikuntam (dist Thoothukudi), Coonoor (dist The Nilgiris), Pillur Dam Mettupalayam (dist Coimbatore), Tirunelveli AWS (dist Tirunelveli) 6 each, Tiruchendur (dist Thoothukudi), Billimalai Estate (dist The Nilgiris), Ketti (dist The Nilgiris), Chamraj Estate (dist The Nilgiris), Tirunelveli (dist Tirunelveli), Shencottah (dist Tenkasi), Kodanad (dist The Nilgiris), Gundar Dam (dist Tenkasi), Kodaikannal Boat Club (dist Dindigul), Ottapadiram (dist Thoothukudi) 5 each, Gadana Dam (dist Tenkasi), Pattukottai (dist Thanjavur), Thenkasi (dist Tenkasi), Ayikudi (dist Tenkasi), Alakarai Estate (dist The Nilgiris), Adar Estate (dist The Nilgiris), Ambasamudram (dist Tirunelveli), Kadambur (dist Thoothukudi), Papanasam (dist Tirunelveli), Tenkasi AWS (dist Tenkasi), Thiruchendur AWS (dist Thoothukudi), Kunda Bridge (dist The Nilgiris), Kannadaian Anicut (dist Tirunelveli), Ramanadhi Dam Section (dist Tenkasi), Kil Kotagiri Estate (dist The Nilgiris) 4 each, Burliar (dist The Nilgiris), Adavinainnarkoil Dam (dist Tenkasi), Servalar Dam (dist Tirunelveli), Cheranmahadevi (dist Tirunelveli), Uthagamandalam (dist The Nilgiris), Srivilliputhur (dist Virudhunagar), Kodaikanal (dist Dindigul), Nalumukku (dist Tirunelveli), Vedanatham (dist Thoothukudi), Satankulam (dist Thoothukudi), Moolaikaraipatti (dist Tirunelveli), Andipatti (dist Theni), Elumalai (dist Madurai) 3 each, Kinnakorai (dist The Nilgiris), Manimutharu (dist Tirunelveli), Geddai (dist The Nilgiris), Mullanginavillai (dist Kanniyakumari), Oothu (dist Tirunelveli), Radhapuram (dist Tirunelveli), Manimuthar_Dam ARG (dist Tirunelveli), Vilathikulam (dist Thoothukudi), Kuzhithurai (dist Kanniyakumari), Kulasekarapattinam (dist Thoothukudi), Oddanchatram (dist Dindigul), Kodivery (dist Erode), Kakkachi (dist Tirunelveli), Chinnakalar (dist Coimbatore), Sattankulam ARG (dist Thoothukudi), Nanguneri (dist Tirunelveli), Periyanaickenpalayam (dist Coimbatore), Radhapuram ARG (dist Tirunelveli)

2 each, Kalial (dist Kanniyakumari), Manjalar (dist Theni), Kelavarapalli Dam (dist Krishnagiri), Manjolai (dist Tirunelveli), Lalpet (dist Cuddalore), Kalugumalai (dist Thoothukudi), Sethiyathope (dist Cuddalore), Sathyamangalam (dist Erode), Uttamapalayam (dist Theni), Tuticorin (dist Thoothukudi), Balamore (dist Kanniyakumari), Vembakkam (dist Tiruvannamalai), Bhoothapandy (dist Kanniyakumari), Adiramapattinam (dist Thanjavur), Adirampatnam (dist Thanjavur), Ayyampettai (dist Thanjavur), Vadipatti (dist Madurai), Kalakadu (dist Tirunelveli), Suralacode (dist Kanniyakumari), Veerapandi (dist Theni), Nambiyar Dam (dist Tirunelveli), Keelaarasadi (dist Thoothukudi), Tiruvaiyaru (dist Thanjavur), Sothuparai (dist Theni), Aruppukottai (dist Virudhunagar), Siruvani Adivaram (dist Coimbatore), Vallam (dist Thanjavur), Valinokam (dist Ramanathapuram), Valparai PTO (dist Coimbatore), Kottaram (dist Kanniyakumari), Panapakkam (dist Ranipet), Budalur (dist Thanjavur), Sholayar (dist Coimbatore), Periyakulam (dist Theni), Emerald (dist The Nilgiris), Thirparappu (dist Kanniyakumari), Kozhiporvilai (dist Kanniyakumari), Kovilpatti (dist Thoothukudi), Thirumanur (dist Ariyalur), Puthan Dam (dist Kanniyakumari) 1 each.

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 01.10.24
VALID FOR THE NEXT 5 DAYS**

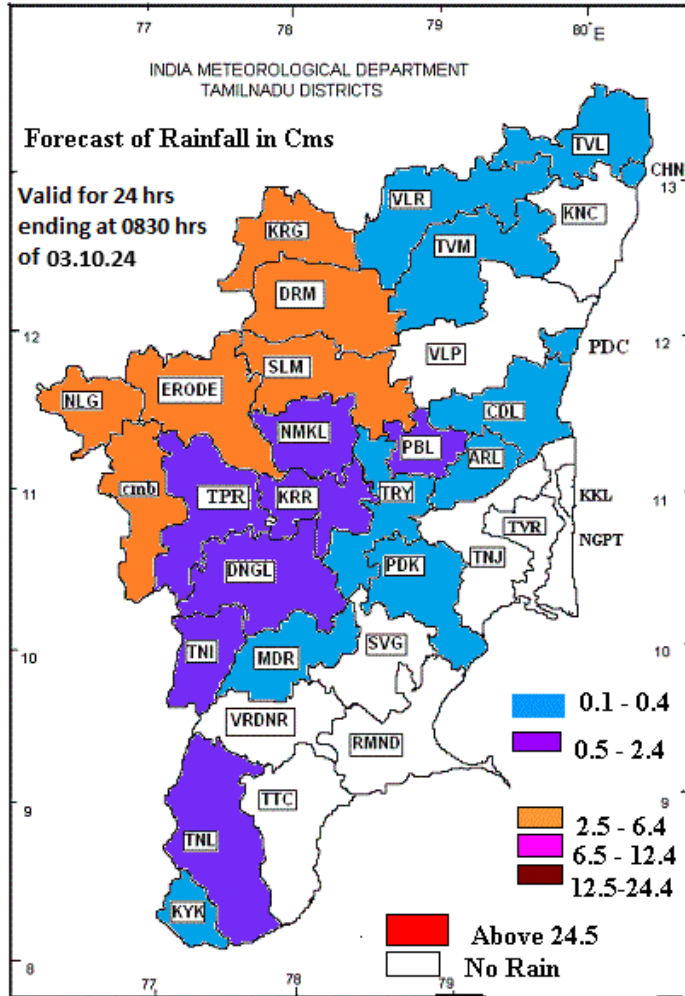


**INDIA METEOROLOGICAL DEPARTMENT
REGIONAL METEOROLOGICAL CENTRE, CHENNAI**



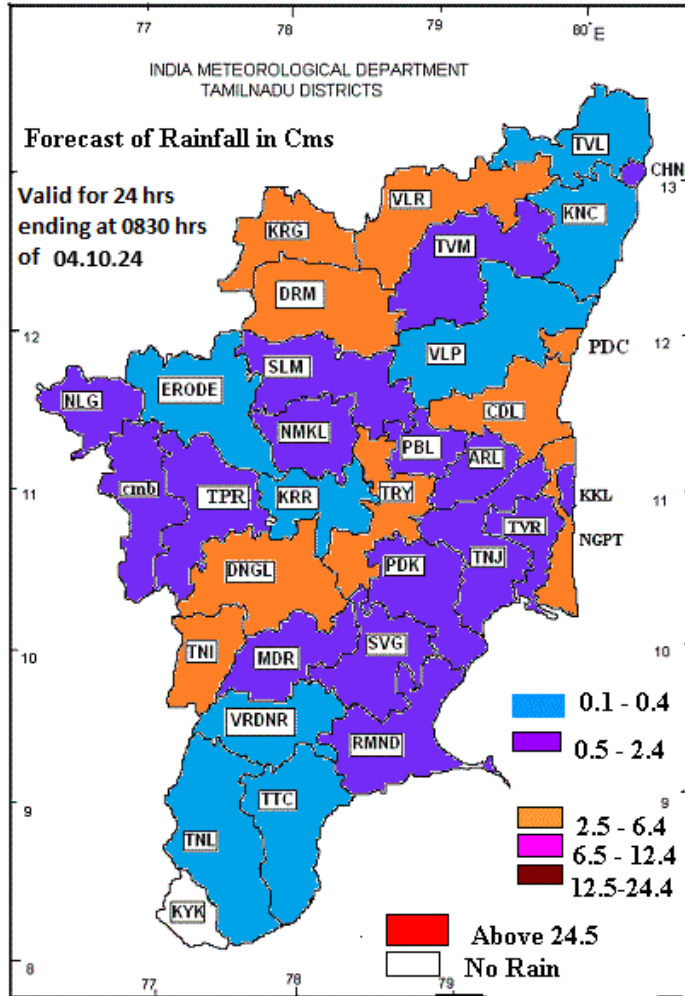


INDIA METEOROLOGICAL DEPARTMENT
REGIONAL METEOROLOGICAL CENTRE, CHENNAI



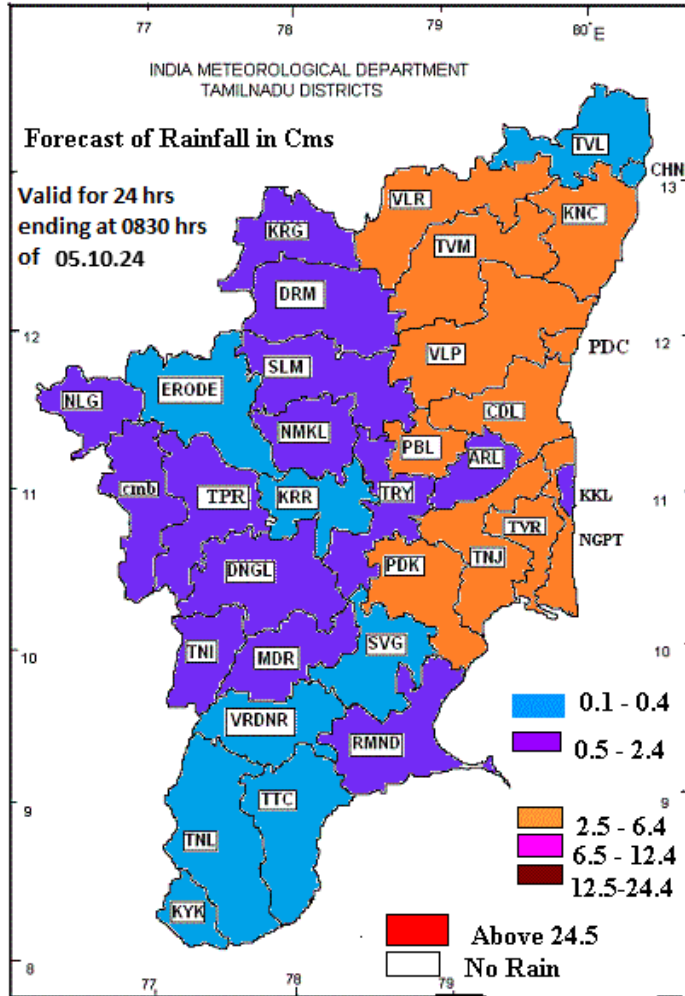


INDIA METEOROLOGICAL DEPARTMENT
REGIONAL METEOROLOGICAL CENTRE, CHENNAI



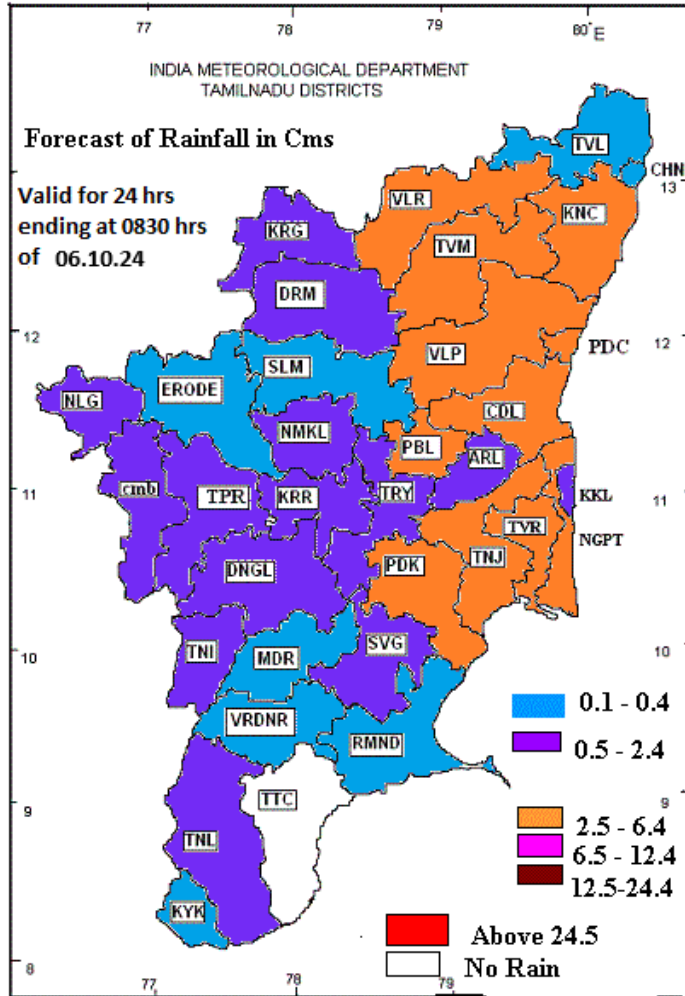


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REGIONAL METEOROLOGICAL CENTRE, CHENNAI





INDIA METEOROLOGICAL DEPARTMENT
REGIONAL METEOROLOGICAL CENTRE, CHENNAI



District-wise Agromet Advisories

Chennai, Kancheepuram, Villupuram, Tiruvannamalai, Tiruvallur, Vellore and Cuddalore

SMS Advisory:

(03.10.2024-06.10.2024) Heavy rain is likely to occur at isolated places over Cuddalore, Kallakurichi, Krishnagiri, Tirupattur, Vellore, Ranipet, Villupuram, Chengalpattu, Kancheepuram, Tiruvannamalai districts of Tamilnadu.

Livestock Advisory:

- 1.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.
- 2.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.
- 3.The sheep and goat must be vaccinated against Enterotoxaemia infection.
- 4.To prevent mosquitoes menace the livestock shed may be fumigated with Vitex Negundo dried leaves once in a week
- 5.The newly kidded doe must be vaccinated with TT (Tetanus Toxide)
- 6.Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides).
- 7.Present maximum and minimum temperature is feasible for rabbit production, hence the rabbit may be allowed for individual mating or colony mating.
- 8.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:

Harvest the matured paddy crops and store in safe places. Provide drainage facility to the nursery field and avoid fertilizer application, any kind of spray. Due to prevailing weather condition possible for thrips infestation in paddy crop. To manage them, spray thiamethoxam 8.0g/ for 20 cent of nursery field. In transplanted field spray Azadiractin 400 ml/acre or thiamethoxam 40 g/ac. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours. The forecasted weather may cause Thirps infestation in nursery field. For management farmers may spray Phosphamidon 40 SL 50 ml. The forecasted weather is conducive for Sheath Blight infestation in paddy. For management farmers may spray Neem oil @ 3% at start stage of the disease.

Groundnut:

Harvest the matured groundnut crops and store in safe places.

Groundnut crops are under maturity stage. Light rainfall will be expected in the forthcoming days, so farmers are advised to harvest the matured crops and stored in godown.

Coconut:

To control rhinoceros beetle in rainy season , setup Rhino lure pheromone trap @ 2 traps/acre.

Banana:

Propping and cleaning of dried and bending leaves to ensure the proper aeration and staking for 5 month old banana trees.

Light with high wind speed expected it may cause lodging in banana. Provide support to five months and above old banana.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		<p>Light to moderate is expected for the next five days and the wind speed is expected to be around 6 – 18 kmph in western zone districts.</p> <p>Postpone the irrigation based on soil moisture</p> <p>Prepare for water harvesting the excess rainfall to farm pond.</p> <p>By utilizing expected rainfall land preparation may be started for sowing northeast monsoon crops.</p> <p>In rainfed, provide crisscross plough or bunds against the slope at 10m interval to arrest the rain water runoff.</p>
Groundnut	Harvest	When sufficient rains are continues, matured groundnut may be harvested by utilizing above and dried and stored.
Rice	Nursery Planting	<p>Provide adequate drainage facility to nursery and recently planted main field.</p> <p>To control rice blast disease, spray Tricyclazole 75% WP @ 400 gm/ha.</p> <p>To control leaf folder and stem borer, apply cartap hydro chloride 0.4% granules @ 18.75 kg/ha.</p>
Fodder sorghum	Vegetative	By utilizing expected rainfall top dressing of the nitrogen may be done after the receipt rainfall @ 25kg Urea / ac.
Small millets	Harvest	<p>Harvesting of the millets and minor millets may be postpone considering the heavy rainfall is expected.</p> <p>If blast symptom noticed due to high relative humidity, spray azoxystrobin 25 SC @ 1 ml/litre.</p>
Cotton	Vegetative	<p>When rainfall continues drainage may be given to all irrigated crops especially in irrigated cotton and turmeric.</p> <p>If optimum rainfall is received, apply first topdressing to cotton with 20 kg Urea, 6 kg Potash and 25 kg neem cake per acre as placement. Do earthing up, which also helpful against stem weevil.</p> <p>To control wilt and rhizome rot disease apply trichoderma viride @ 2.5 kg/ha + 250 kg of FYM during earthing operation.</p>
Turmeric	Rhizome development	<p>Turmeric is at bulking stage, which is critical for both moisture stress and excess water. Hence, care to keep sufficient moisture and avoid excess moisture or over dry.</p> <p>Leaf blotch symptom noticed, spray azoxystrobin 18.2% + Difenoconazole 11.4% WWSC @ 1 ml/litre.</p>
Animal Husbandry		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

SMS advisory:

To control maize fall army worm, spray chlorantraniliprole 18.5 SC @ 0.4 ml/litre.

Erode

Agro Advisory

Crop	Stage	Advisory
General		<p>Light to moderate is expected for the next five days and the wind speed is expected to be around 6 – 18 kmph in western zone districts.</p> <p>Postpone the irrigation based on soil moisture</p> <p>Prepare for water harvesting the excess rainfall to farm pond.</p> <p>By utilizing expected rainfall land preparation may be started for sowing northeast monsoon crops.</p> <p>In rainfed, provide crisscross plough or bunds against the slope at 10m interval to arrest the rain water runoff.</p>
Groundnut	Harvest	When sufficient rains are received, matured groundnut may be harvested by utilizing above and dried and stored.
Rice	Nursery Planting	<p>Provide adequate drainage facility to nursery and recently planted main field.</p> <p>To control rice blast disease, spray Tricyclazole 75% WP @ 400 gm/ha.</p> <p>To control leaf folder and stem borer, apply cartap hydro chloride 0.4% granules @ 18.75 kg/ha.</p>
Fodder sorghum	Vegetative	By utilizing expected rainfall top dressing of the nitrogen may be done after the receipt rainfall @ 25kg Urea / ac.
Small millets	Harvest	<p>Harvesting of the millets and minor millets may be postpone considering the heavy rainfall is expected.</p> <p>If blast symptom noticed due to high relative humidity, spray azoxystrobin 25 SC @ 1 ml/litre.</p>
Cotton	Vegetative	<p>When rainfall continues drainage may be given to all irrigated crops especially in irrigated cotton and turmeric.</p> <p>If optimum rainfall is received, apply first topdressing to cotton with 20 kg Urea, 6 kg Potash and 25 kg neem cake per acre as placement. Do earthing up, which also helpful against stem weevil.</p> <p>To control wilt and rhizome rot disease apply trichoderma viride @ 2.5 kg/ha + 250 kg of FYM during earthing operation.</p>
Turmeric	Rhizome development	<p>Turmeric is at bulking stage, which is critical for both moisture stress and excess water. Hence, care to keep sufficient moisture and avoid excess moisture or over dry.</p> <p>Leaf blotch symptom noticed, spray azoxystrobin 18.2% + Difenoconazole 11.4% WWSC @ 1 ml/litre.</p>
Animal Husbandry		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

SMS advisory:

To control maize fall army worm, spray chlorantraniliprole 18.5 SC @ 0.4 ml/litre.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		<p>Light to moderate is expected for the next five days and the wind speed is expected to be around 6 – 18 kmph in western zone districts.</p> <p>Postpone the irrigation based on soil moisture</p> <p>Prepare for water harvesting the excess rainfall to farm pond.</p> <p>By utilizing expected rainfall land preparation may be started for sowing northeast monsoon crops.</p> <p>In rainfed, provide crisscross plough or bunds against the slope at 10m interval to arrest the rain water runoff.</p>
Groundnut	Harvest	When sufficient rains are received, matured groundnut may be harvested by utilizing above and dried and stored.
Rice	Nursery Planting	<p>Provide adequate drainage facility to nursery and recently planted main field.</p> <p>To control rice blast disease, spray Tricyclazole 75% WP @ 400 gm/ha.</p> <p>To control leaf folder and stem borer, apply cartap hydro chloride 0.4% granules @ 18.75 kg/ha.</p>
Fodder sorghum	Vegetative	By utilizing expected rainfall top dressing of the nitrogen may be done after the receipt rainfall @ 25kg Urea / ac.
Small millets	Harvest	<p>Harvesting of the millets and minor millets may be postpone considering the heavy rainfall is expected.</p> <p>If blast symptom noticed due to high relative humidity, spray azoxystrobin 25 SC @ 1 ml/litre.</p>
Cotton	Vegetative	<p>When rainfall continues drainage may be given to all irrigated crops especially in irrigated cotton and turmeric.</p> <p>If optimum rainfall is received, apply first topdressing to cotton with 20 kg Urea, 6 kg Potash and 25 kg neem cake per acre as placement. Do earthing up, which also helpful against stem weevil.</p> <p>To control wilt and rhizome rot disease apply trichoderma viride @ 2.5 kg/ha + 250 kg of FYM during earthing operation.</p>
Turmeric	Rhizome development	<p>Turmeric is at bulking stage, which is critical for both moisture stress and excess water. Hence, care to keep sufficient moisture and avoid excess moisture or over dry.</p> <p>Leaf blotch symptom noticed, spray azoxystrobin 18.2% + Difenoconazole 11.4% WWSC @ 1 ml/litre.</p>
Animal Husbandry		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

SMS advisory:

To control maize fall army worm, spray chlorantraniliprole 18.5 SC @ 0.4 ml/litre.

Nilgiris

To manage cercospora leaf spot in beetroot crop, • Removal and destruction of affected plants • Fellow crop rotation. • Spraying with Copper oxychloride (0.3 %) thrice at an interval of 15 days is recommended during rain free period.

i. Provide drainage facility. ii. Postpone the intercultural / plant protection activities such as fertilizer and pesticide application until the rain stops.

Horticulture Specific Advisory

CARROT

Rust fly management Soil application of chlorantraniliprole granules insecticide @ 4kg/acre at 45 – 50 days after sowing may be given during rain free period.

CARDAMOM

For the management of damping off / rhizome rot / clump rot in cardamom, • Destroy the diseased clumps • Provide proper drainage • Drench the soil with copper oxychloride @ 0.25%

POTATO

To manage late blight in potato crop, Foliar spray of mancozeb @ 2 g/l or chlorothalonil @ 2 g/l on 45, 60 and 75 days after planting is recommended during the rain free period.

TEA

Management of blister blight disease in tea • Removal and destruction of affected leaves and shoots by pruning • Spray hexaconazole @ 200 ml + copper oxychloride @ 210 g/ha at 5 days interval (or) • Copper oxychloride @ 210 g + propiconazole @ 200 ml/ha at 10 days interval, particularly during September -November months • Avoid cultivation of susceptible varieties and grow resistant varieties CIB recommendation • Spray any one of the following chemicals • Hexaconazole 5% EC @ 200ml/ha (or) • Propiconazole 25% EC @ 125-250ml/ha (or) • Carbendazim 12%+ Mancozeb 63% WP @ 1250g/ha (or) • Hexaconazole 4% + Zineb 68% WP @ 625g/ha

BITTER GOURD Integrated disease management strategies for the management of virus diseases in vegetables • Select disease free seeds • Follow crop rotation • Collect and destroy the virus affected plants • Nursery beds should be covered with nylon net or straw • Raise 2-3 rows of maize or sorghum as border crop • Install sticky traps (blue& yellow) @ 5 nos/acre. • If necessary, spray the crop with systemic insecticides, Dimethoate @ 2.0 ml/litre (or) Thiamethoxam @ 0.2 ml/litre (or) Imidacloprid @ 0.2 ml/litre of water using hand sprayer during the rain free period.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur, Tiruvarur and Tiruchirapalli

Agro Advisory

Crop	Stage	Advisory
General		Farmers are advised to provide adequate drainage facilities to all crops due to light rainfall forecast in the Cauvery delta zone.
		Avoid application of fertilizers and insecticides to the crops.

		Deepen the drainage channel and link with farm ponds towards rain water harvesting.
Coconut	Bearing Stage	Spread rice straw over nursery bed to avoid scattering of sown seeds due to expected rain.
Cattle	Cow	Avoid feeding water soiled grains or concentrate to livestock.
		Before monsoon ensure that cows and buffaloes were vaccinated against food and mouth disease.

SMS advisory

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

Dindigul

SMS Advisory	Chances of Moderate rain during 2, 3, 4, 5 & 6 Oct. Maximum temperature would be in the range of 31°C to 34°C and the minimum temperature would be between 21°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6 – 8 Kmph from, South, West & Northwest directions.
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General Advisory:

Heavy rain is likely to occur at isolated places over the district on 4 October 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, inter-cultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

Weather Based Agro-Advisories: (Cotton, Lab Lab & Animal Husbandry)

Cotton:

The application of micronutrients will rectify the nutrient deficiency in Cotton.

Apply 5kg of Cotton nutrient mixture or 10 kg of Mg So₄ /acre.

Also mix 2kg of Azospirillum, and 2kg of Phosphobacteria with FYM/acre and apply it in the field.

Farmers cultivating cotton in rain-fed areas can take advantage of the current rainfall and provide 5 kg of cotton micronutrient or 20 kg of Magnesium Sulphate fertilizer per acre within 10 days of planting to address the micronutrient deficiency.

Lab Lab:

At this stage, pruning can be done for the Lab Lab crop, to get a good yield.

When the vine reaches the pandal, the terminal bud has to be nipped. Each branch has to be pruned, leaving three feet in length.

When the flowering starts, prune the branches bearing inflorescence, leaving three nodes from the productive axil. Continue this procedure throughout the reproductive phase.

Spraying activity can be carried out during non-rainy days.

Animal Husbandry:

During the rainy season, the chances of growth of coccidial oocysts as well as the Clostridium perfringens and Ecoli are more.

Enterotoxaemia occurs due to sudden changes in feed or damage to the intestinal mucosa.

High dietary levels of dry fish, fishmeal and wheat may be avoided for the poultry.

The enterotoxaemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds.

Similarly, the litter moisture should be kept low.

Madurai

SMS Advisory	Chances of light rain during 2, 3, 4, 5 & 6 Oct. Maximum temperature would be in the range of 31°C to 34°C and the minimum temperature would be between 22°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6 – 14 Km/h from, South, Southwest & West directions.
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General Advisory:

Light to Moderate rain with thunderstorm and lightning is likely to occur at isolated places over district during 2 to 6 October 2024. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose.

Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock.

Weather Based Agro-Advisories: (Paddy, Sugarcane & Animal Husbandry)

Paddy:

The incidence of Whorl maggot is expected in paddy. The symptoms show yellowish-white longitudinal marginal blotching with a hole.

Leaves shriveled plant, stunted and drooping of young leaves near the tip.

Remove the alternate hosts from the field, and apply the optimum recommendation of potash fertilizer.

To control spray Buprofezin @ 350 ml/acre.

Sugarcane:

Due to the prevailing weather conditions the incidence of Yellow Leaf disease is seen in Sugarcane. This disease affects the 5 to 6-month crop.

The symptoms are yellowing of the midrib and adjacent lamina region. Subsequent leaf drying along the midrib in 3 to 5 leaves from the top. Sometimes in severe cases, it shows the bunchy top appearance at the top of the cane. This disease will spread heavily in matured cane.

The field should be maintained hygienically. Proper application of Fertilizer, irrigation, and nutritional management should be done.

To control this disease spray Imidacloprid @ 100ml per acre.

Animal Husbandry:

During the rainy season, the chances of growth of coccidial oocysts as well as the Clostridium perfringens and E. coli are more.

Enterotoxaemia occurs due to sudden changes in feed or damage to the intestinal mucosa.

High dietary levels of dry fish, fishmeal and wheat may be avoided for the poultry.

The enterotoxaemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds.

Similarly, the litter moisture should be kept low.

Pudukottai

SMS Advisory	Chances of Moderate rain during 4, 5 & 6 Oct. Maximum temperature would be in the range of 29°C to 33°C and the minimum temperature would be between 22°C - 26°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10 – 18 Km/h from, Southwest direction.
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General Advisory:

Heavy rain is likely to occur at isolated places over the district on 4 & 6 October 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to graze outside, standing near the trees or electric poles & provide safe shelter.

Weather Based Agro-Advisories: (Brinjal, Black gram & Animal Husbandry)

Brinjal:

To manage the pest occurrence in vegetable crop fields, farmers are advised to install a Solar light trap @ 1 No. per acre, Pheromone trap @ 8Nos. per acre and Yellow sticky traps @ 8Nos. per acre.

To prevent diseases *Trichoderma Viride* @1kg per 500kg of farmyard manure can be applied during the last ploughing.

Black gram:

The incense of the Yellow mosaic is seen in pulses.

Farmers are advised to set up yellow sticky traps @ 5 No. per acre to monitor and manage the movements of the vector whitefly.

If the vector population is noticed farmers are advised to spray Imidachloprid @ 100gm /acre to manage the vector whitefly.

Animal Husbandry:

During the rainy season, the chances of growth of coccidial oocysts as well as the *Clostridium perfringens* and *E. coli* are more.

Enterotoxaemia occurs due to sudden changes in feed or damage to the intestinal mucosa.

High dietary levels of dry fish, fishmeal and wheat may be avoided for the poultry.

The enterotoxaemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds.

Similarly, the litter moisture should be kept low.

Ramanathapuram

SMS Advisory	Chances of Moderate rain on 4 Oct & light rain on 5 Oct. Maximum temperature would be in the range of 31°C to 33°C and the minimum temperature would be between 23°C - 26°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 20 – 28 Kmph from, Southwest direction.
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General Advisory:

Heavy rain is likely to occur at isolated places over the district on 4 October 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

Weather Based Agro-Advisories: (Cotton, Paddy & Animal Husbandry)

Cotton:

Cotton crops grown in clayey soils are more susceptible to wilt disease. This disease attacks the crop during the young and growing stages.

The leaves at the base of the grown plant will begin to wilt first. If you split the affected stem, you will see dark streaks.

To control this, the drenching of Azoxystrobin @ 10ml per tank with Copper oxychloride @ 35ms per tank is recommended.

Paddy:

Farmers planning for Rain-fed Paddy cultivation, are advised to soak the quality seeds with 1% Potassium chloride (KCL) solution for 6 hours, a day before sowing and then dry the seeds in the shade for 16 hours.

Thus the seeds get hardened to get germinated after having enough moisture in the soil. This seed hardening process helps for uniform germination and growth and also for developing vigorous seedlings.

Animal Husbandry:

During the rainy season, the chances of growth of coccidial oocysts as well as the Clostridium perfringens and Ecoli are more.

Enterotoxaemia occurs due to sudden changes in feed or damage to the intestinal mucosa.

High dietary levels of dry fish, fishmeal and wheat may be avoided for the poultry.

The enterotoxaemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds.

Similarly, the litter moisture should be kept low.

Sivagangai

SMS Advisory	Chances of Moderate rain on 4 Oct & light rain on 5, 6 Oct. Maximum temperature would be in the range of 31°C to 34°C and the minimum temperature would be between 22°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10 – 18 Kmph from, Southwest & South directions.
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General Advisory:

Heavy rain is likely to occur at isolated places over the district on 4 October 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

Weather Based Agro-Advisories: (Mango, Brinjal & Animal Husbandry)

Mango:

The incidence of the Shoot borer is expected in mangos.

The symptoms of damage are terminal shoots showing tunnels from top to downwards.

Stunted growth of seedlings, with a bunchy appearance in the terminal.

To control spray Neem oil @ 40ml + sticky agent @ 10ml with 10 litres of water.

Brinjal:

Due to the Prevailing weather condition the incense of leaf Spot in Brinjal. During rainy and cloudy weather, the attack of leaf spot will be heavy.

To control the leaf spot disease, spray any one of the following 2 gm Copper oxychloride or 2 ½ gm Zineb per litre of water.

Animal Husbandry:

During the rainy season, the chances of growth of coccidial oocysts as well as the Clostridium perfringens and Ecoli are more.

Enterotoxaemia occurs due to sudden changes in feed or damage to the intestinal mucosa.

High dietary levels of dry fish, fishmeal and wheat may be avoided for the poultry.

The enterotoxaemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds.

Similarly, the litter moisture should be kept low.

Theni

SMS Advisory	Chances of light rain on 3 Oct & Moderate rain during 4, 5, 6 Oct. Maximum temperature would be in the range of 29°C to 33°C and the minimum temperature would be between 20°C - 22°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6 – 8 Kmph from, Southwest & West directions.
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General Advisory:

Heavy rain is likely to occur at isolated places over the district on 4 October 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, inter-cultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to graze outside, standing near the trees or electric poles & provide safe shelter.

Weather Based Agro-Advisories: (Groundnut, Cotton & Animal Husbandry)

Groundnut:

Due to the prevailing weather condition, the incidence of rust disease may affect Groundnut.

To protect the crop, mix 1kg of Pseudomonas, 1kg of Bacillus subtilis and 2kg of Jaggery with 100 litres of water/acre.

Spray in evening hours of non rainy days.

Cotton:

For Cotton crop, if basal application was not given or cannot be done, fertilizer can be applied on the 25th day after sowing.

For varieties, apply 50% of N and K with full dose of P as basal and remaining 50% N and K at 40–45th DAS for varieties.

For hybrids, apply N in three splits viz., basal, 45 and 65 DAS.

Foliar applications of 2% DAP + 1% KCl or Polyfeed and Multi K can be sprayed to improve the yield.

Animal Husbandry:

During the rainy season, the chances of growth of coccidial oocysts as well as the Clostridium perfringens and Ecoli are more.

Enterotoxaemia occurs due to sudden changes in feed or damage to the intestinal mucosa.

High dietary levels of dry fish, fishmeal and wheat may be avoided for the poultry.

The enterotoxaemia can be prevented by using good quality feed ingredients free from mycotoxins and deworming of the desi birds.

Similarly, the litter moisture should be kept low.

Virudhunagar

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very light rainfall is predicted on day 1 (02.10.2024), day 3 (04.10.2024) to day 5 (06.10.2024). Farmers are requested to irrigate based on the local weather and crop requirement.
Rainfed crops (cotton)	Sowing	There is a chance of rainfall over the next five days; hence, farmers are requested to begin sowing to make use of the preceding rainfall. Though rainfall is predicted, to avoid seed loss, farmers are requested to treat seeds using TNAU products (Vithai Amirtham) to ensure proper seed germination. Treated seeds can be stored for a long period. Adopt synchronized sowing and bund cropping or intercropping.
Pearl millet and sorghum	Sowing	Farmers are requested to practice seed hardening before sowing. For pearl millet and sorghum: Use a 2% potassium chloride solution (dissolve 20 g of salt in 1000 ml of water). Soak 1 kg of seed in 650 ml of this solution for 10 hours and then dry the seeds back to their original moisture content.
Pulses (previously sown crops)	Flowering stage	Flower drop may occur due to rainfall. To avoid such damage, farmers are requested to apply TNAU Pulse Wonder at 2 kg per acre in 200 liters of spray volume.
Paddy	Nursery	Postpone irrigation and monitor the incidence of pests and diseases.

Green manure crop		Sun hemp can be grown and used as livestock feed. It can also be cultivated inside the tree basin to retain moisture and enrich soil nutrients.
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Rain: 02,04-06.10-2,3,2 & 2 mm. Sowing should be done after seed treatment using TNAU products (Vithai Amirtham) to ensure proper seed germination.

Tamil Nadu		
A cyclonic circulation lies over Comorin area & adjoining Equatorial Indian Ocean and extends upto 1.5 km above mean sea level. Yesterday's trough from Comorin area to Eastcentral Arabian sea off South Karnataka coast now runs from the above cyclonic circulation over Comorin area to north Interior Karnataka across Interior Tamil Nadu at 0.9 km above mean sea level.		
Weather forecast	Next five days	Light to moderate rain with Thunderstorm and lightning is likely to one or two places over Tamilnadu on Day 1 (02.10.2024). Light to moderate rain with Thunderstorm and lightning is likely to occur at a few places over Tamilnadu on Day 2 (03.10.2024) and Day 3(04.10.2024). Light to moderate rain with Thunderstorm and lightning is likely to occur at many places over Tamilnadu on Day 4 (05.10.2024) and Day 5 (06.10.24).

Tirunelveli

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very light to light rainfall is predicted for next five days. Farmers are requested to postpone the irrigation.
Rainfed crops (cotton)	Sowing	There is a chance of rainfall over the next five days; hence, farmers are requested to begin sowing to make use of the preceding rainfall. Though rainfall is predicted, to avoid seed loss, farmers are requested to treat seeds using TNAU products (Vithai Amirtham) to ensure proper seed germination. Treated seeds can be stored for a long period. Adopt synchronized sowing and bund cropping or intercropping.
Paddy	Vegetative to Milking stage	Postpone the irrigation. Strengthened the drainage channel

SMS: Rain: 02-06.10-2,9,2,4&6 mm Sowing should be done after seed treatment using TNAU products (Vithai Amirtham) to ensure proper seed germination.

Tamil Nadu		
A cyclonic circulation lies over Comorin area & adjoining Equatorial Indian Ocean and extends upto 1.5 km above mean sea level. Yesterday's trough from Comorin area to Eastcentral Arabian sea off South Karnataka coast now runs from the above cyclonic circulation over Comorin area to north Interior Karnataka across Interior Tamil Nadu at 0.9 km above mean sea level.		
Weather forecast	Next five days	Light to moderate rain with Thunderstorm and lightning is likely to one or two places over Tamilnadu on Day 1 (02.10.2024). Light to moderate rain with Thunderstorm and lightning is likely to occur at a few places over Tamilnadu on Day 2 (03.10.2024) and Day 3(04.10.2024). Light to moderate rain with Thunderstorm and lightning is likely to occur at many places over Tamilnadu on Day 4 (05.10.2024) and Day 5 (06.10.24).

Thoothukudi

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very light rainfall is predicted on Day 3 (04.10.2024) and Day 4 (05.10.2024). Farmers are requested to irrigate based on local weather conditions and crop requirements.
Rainfed crops (cotton)	Sowing	There is a chance of rainfall over the next five days; hence, farmers are requested to begin sowing to make use of the preceding rainfall. Though rainfall is predicted, to avoid seed loss, farmers are requested to treat seeds using TNAU products (Vithai Amirtham) to ensure proper seed germination. Treated seeds can be stored for a long period. Adopt synchronized sowing and bund cropping or intercropping.
Pearl millet and sorghum	Sowing	Farmers are requested to practice seed hardening before sowing. For Pearl millet & Sorghum: 2% potassium chloride (Dissolve 20 gm of salt in 1000 ml of water). Soak 1 kg of seed in 650 ml of this solution for 10 hours and dry back to original moisture.
Green manure crop		Sun hemp can be raised and used as livestock feed. It can also be raised inside the tree basin to maintain the moisture and enrich the soil nutrient.
Banana	Bunch development stage	Prevailing wind speeds may damage the physical appearance of the crop. Hence, farmers are advised to practice propping. Earthing up should be practiced to avoid lodging

SMS: Rain: 04&05.10- 1&2 mm. Sowing should be done after seed treatment using TNAU products (Vithai Amirtham) to ensure proper seed germination.

Tamil Nadu		
A cyclonic circulation lies over Comorin area & adjoining Equatorial Indian Ocean and extends upto 1.5 km above mean sea level. Yesterday's trough from Comorin area to Eastcentral Arabian sea off South Karnataka coast now runs from the above cyclonic circulation over Comorin area to north Interior Karnataka across Interior Tamil Nadu at 0.9 km above mean sea level.		
Weather forecast	Next five days	Agromet Advisory
		Light to moderate rain with Thunderstorm and lightning is likely to one or two places over Tamilnadu on Day 1 (02.10.2024). Light to moderate rain with Thunderstorm and lightning is likely to occur at a few places over Tamilnadu on Day 2 (03.10.2024) and Day 3(04.10.2024). Light to moderate rain with Thunderstorm and lightning is likely to occur at many places over Tamilnadu on Day 4 (05.10.2024) and Day 5 (06.10.24).

Salem

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	Control of tick infestations in livestock Ticks are considered as one of the economically important ectoparasites affecting the livestock. Tick infestations are usually more common during monsoon as microclimatic conditions (temperature, relative humidity) are favourable for breeding and survival of tick stages on the pasture. Besides causing direct injuries

		<p>such as bite worry (irritation) and blood loss (0.5 – 2 ml / tick), they are involved in the transmission of various diseases viz. Theileriosis, Babesiosis and Anaplasmosis. Traditionally, ticks are controlled through insecticide application by different methods. Insecticides viz. Cypermethrin / Deltamethrin is used at the concentration of 1 – 2ml / litre of water.</p> <p>Insecticides are applied by spraying, mopping and dipping depending upon the species of animals. It is important to note that animals must be allowed to take water to stomach full prior to insecticide application and it should be done during sunny part of the day.</p> <p>In addition, animal shed must be treated with insecticide at the concentration of 5 – 10 ml / litre of water. Insecticide Flumethrin is available in squeeze tube. It is applied on the dorsal aspect of the body from head to base of the tail as a line. Ivermectin is available as parenteral as well as oral formulation @ 0.2 mg / kg by.wt.</p> <p>Insecticide / Acaricide treatment should be repeated after 21 days of first application so that ticks can be controlled successfully. Cracks and crevices in the shed should be closed.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Maize	Vegetative Stage	Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide spray to control maize fall army worm pest during initial stage of the crop.
Turmeric	Vegetative Stage	Turmeric growers are requested to apply urea @ 108.5 kg and potash @ 360.7 kg in five equal splits at 30, 60, 90, 120 and 150 days after planting as basal and top dressing. Also apply 150 kg super phosphate as basal dose / acre.
Banana	Vegetative Stage	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3, 5 and 7 month after planting to increase the yield of banana.
Small onion	Sowing Stage	Farmers are advised to sow maize at a spacing of 15 x 15 cm in 2 rows around the onion field which was sown during puratasi pattam to arrest the entry of thrips and its incidence in small onion.

Namakkal

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Control of tick infestations in livestock</p> <p>Ticks are considered as one of the economically important ectoparasites affecting the livestock. Tick infestations are usually more common during monsoon as microclimatic conditions (temperature, relative humidity) are favourable for breeding and survival of tick stages on the pasture. Besides causing direct injuries such as bite worry (irritation) and blood loss (0.5 – 2 ml / tick), they are involved in the transmission of various diseases viz. Theileriosis, Babesiosis and Anaplasmosis. Traditionally, ticks are controlled through insecticide application by different methods. Insecticides viz. Cypermethrin / Deltamethrin is used at the concentration of 1 – 2ml / litre of water.</p> <p>Insecticides are applied by spraying, mopping and dipping depending upon the</p>

		<p>species of animals. It is important to note that animals must be allowed to take water to stomach full prior to insecticide application and it should be done during sunny part of the day.</p> <p>In addition, animal shed must be treated with insecticide at the concentration of 5 – 10 ml / litre of water. Insecticide Flumethrin is available in squeeze tube. It is applied on the dorsal aspect of the body from head to base of the tail as a line. Ivermectin is available as parenteral as well as oral formulation @ 0.2 mg / kg by.wt.</p> <p>Insecticide / Acaricide treatment should be repeated after 21 days of first application so that ticks can be controlled successfully. Cracks and crevices in the shed should be closed.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Maize	Vegetative Stage	Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide spray to control maize fall army worm pest during initial stage of the crop.
Turmeric	Vegetative Stage	Turmeric growers are requested to apply urea @ 108.5 kg and potash @ 360.7 kg in five equal splits at 30, 60, 90, 120 and 150 days after planting as basal and top dressing. Also apply 150 kg super phosphate as basal dose / acre.
Banana	Vegetative Stage	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3, 5 and 7 month after planting to increase the yield of banana.
Small onion	Sowing Stage	Farmers are advised to sow maize at a spacing of 15 x 15 cm in 2 rows around the onion field which was sown during puratasi pattam to arrest the entry of thrips and its incidence in small onion.

Dharmapuri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Control of tick infestations in livestock</p> <p>Ticks are considered as one of the economically important ectoparasites affecting the livestock. Tick infestations are usually more common during monsoon as microclimatic conditions (temperature, relative humidity) are favourable for breeding and survival of tick stages on the pasture. Besides causing direct injuries such as bite worry (irritation) and blood loss (0.5 – 2 ml / tick), they are involved in the transmission of various diseases viz. Theileriosis, Babesiosis and Anaplasmosis.</p> <p>Traditionally, ticks are controlled through insecticide application by different methods. Insecticides viz. Cypermethrin / Deltamethrin is used at the concentration of 1 – 2ml / litre of water.</p> <p>Insecticides are applied by spraying, mopping and dipping depending upon the species of animals. It is important to note that animals must be allowed to take water to stomach full prior to insecticide application and it should be done during sunny part of the day.</p> <p>In addition, animal shed must be treated with insecticide at the concentration of 5 – 10 ml / litre of water. Insecticide Flumethrin is available in squeeze tube. It is applied on the dorsal aspect of the body from head to base of the tail as a line. Ivermectin is available</p>

		as parenteral as well as oral formulation @ 0.2 mg / kg by.wt. Insecticide / Acaricide treatment should be repeated after 21 days of first application so that ticks can be controlled successfully. Cracks and crevices in the shed should be closed.
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Maize	Vegetative Stage	Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide spray to control maize fall army worm pest during initial stage of the crop.
Turmeric	Vegetative Stage	Turmeric growers are requested to apply urea @ 108.5 kg and potash @ 360.7 kg in five equal splits at 30, 60, 90, 120 and 150 days after planting as basal and top dressing. Also apply 150 kg super phosphate as basal dose / acre.
Banana	Vegetative Stage	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3, 5 and 7 month after planting to increase the yield of banana.
Small onion	Sowing Stage	Farmers are advised to sow maize at a spacing of 15 x 15 cm in 2 rows around the onion field which was sown during puratasi pattam to arrest the entry of thrips and its incidence in small onion.

Krishnagiri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE


Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Control of tick infestations in livestock</p> <p>Ticks are considered as one of the economically important ectoparasites affecting the livestock. Tick infestations are usually more common during monsoon as microclimatic conditions (temperature, relative humidity) are favourable for breeding and survival of tick stages on the pasture. Besides causing direct injuries such as bite worry (irritation) and blood loss (0.5 – 2 ml / tick), they are involved in the transmission of various diseases viz. Theileriosis, Babesiosis and Anaplasmosis.</p> <p>Traditionally, ticks are controlled through insecticide application by different methods. Insecticides viz. Cypermethrin / Deltamethrin is used at the concentration of 1 – 2ml / litre of water.</p> <p>Insecticides are applied by spraying, mopping and dipping depending upon the species of animals. It is important to note that animals must be allowed to take water to stomach full prior to insecticide application and it should be done during sunny part of the day.</p> <p>In addition, animal shed must be treated with insecticide at the concentration of 5 – 10 ml / litre of water. Insecticide Flumethrin is available in squeeze tube. It is applied on the dorsal aspect of the body from head to base of the tail as a line. Ivermectin is available as parenteral as well as oral formulation @ 0.2 mg / kg by.wt.</p> <p>Insecticide / Acaricide treatment should be repeated after 21 days of first application so that ticks can be controlled successfully. Cracks and crevices in the shed should be closed.</p>

Agro advisory from Krishi Vigyan Kendra, Namakkal

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Karaikal

Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Rice	Sowing	Moderate rain is expected for next five days. Hence, land may be prepared and sowing of rice may be taken up.
The prevailing weather conditions are favourable for the incidence of following insects. If severe infestation are noticed respective control measures may be taken.		
Rice	Hispa beetle	<p>Symptoms of hispa beetle infestation</p>  <p>To control hispa beetles in rice, spray cartapHydrochloride 50 % SP 1000 g/ha.</p>
Pumpkin	Pumpkin beetle	To control Pumpkin beetle, spray malathion 50 EC @ 500 ml/ha or Methyl dematon 25 EC @ 500 ml/ha
Brinjal	Mealy bug	To control mealy bug, apply azadirachtin 0.03 % WSP 2500-5000 g/ha
Bhendi	Mealy bug	
Guava	Mealy bug	
Cattle	Vaccination	Before the onset of monsoon, animals may be vaccinated for Foot and Mouth Disease and Hemorrhagic Septicemia. Grazing animals that are drinking pond water should be dewormed
	Deworming	Grazing animals that are drinking pond water should be dewormed.
	Shed management	Repair cattle/goat/poultry shed before the rainy season and ensure the roof leak proof. Otherwise leaking of rain water in dirty sheds may increase in ammonia production and coccidiosis disease.


		Do patchwork to fill the cracks in the floor to prevent hoof rotting disease of goats.
	Paddy straw enriching	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).

SMS: As light to moderate rain is expected for next few days, land may be prepared and sowing of rice may be taken up.

Puducherry

Agro Advisory

Crop	Stage/ Particulars	Agro Advisory
Rice	Green algae	To avoid the growth of green algae in paddy fields, Copper Sulphate @ one Kg in muslin cloth may be placed in the outlet of bore water irrigated to the field.
Rice	Tillering stage	To manage rice leaf folder release <i>Trichogramma chilonis</i> 5cc (1,00,000/ha) at 37, 44, 51 day after planting. Avoid excess application of nitrogen fertilizers. Setup light trap to attract adult moths. Setup T-shaped bird perches for predatory birds to control these pests. Apply cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l. To manage rice stem borer, release parasitoid <i>Trichogramma japonicum</i> @1,00,000/ha at active tillering stage (37, 44 and 51 DAP) or Azadirachtin 0.03% @ 4 ml/l or cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.
Sugarcane	Vegetative stage	In Sugarcane, to manage mealy bug, spray Methyl Parathion 50 EC @ 2ml/l.

Brinjal	Hadda beetle	 <p style="text-align: center;">Skeletonized - Grub Damage Grub and Adult</p> <p>To control hadda beetle in brinjal, apply azadirachtin 0.03 % WSP 2500-5000 g/ha</p>
Pumpkin	Pumpkin beetle	To control Pumpkin beetle, spray malathion 50 EC @ 500 ml/ha or Methyl dematon 25 EC @ 500 ml/ha
Guava	Mealy bug	To control mealy bug in guava, apply azadirachtin 0.03 % WSP 2500-5000 g/ha
Cattle	Vaccination	Before the onset of monsoon, animals may be vaccinated for Foot and Mouth Disease and Hemorrhagic Septicemia. Grazing animals that are drinking pond water should be dewormed
	Deworming	Grazing animals that are drinking pond water should be dewormed.
	Shed management	Repair cattle/goat/poultry shed before the rainy season and ensure the roof leak proof. Otherwise leaking of rain water in dirty sheds may increase in ammonia production and coccidiosis disease.
		Do patchwork to fill the cracks in the floor to prevent hoof rotting disease of goats.
Paddy straw enriching	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).	

SMS: Light to moderate rain is expected for next few days. Hence, postpone irrigation to crops.

