



तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श बुलेटिन

**State Composite Agrometeorological Advisory Bulletin for
Tamil Nadu and Puducherry
Bulletin No. 087/2023**

For the period 0830 IST, 31st October 2023 to

0830 IST, 4th November 2023

Issued on Tuesday, 31st October 2023

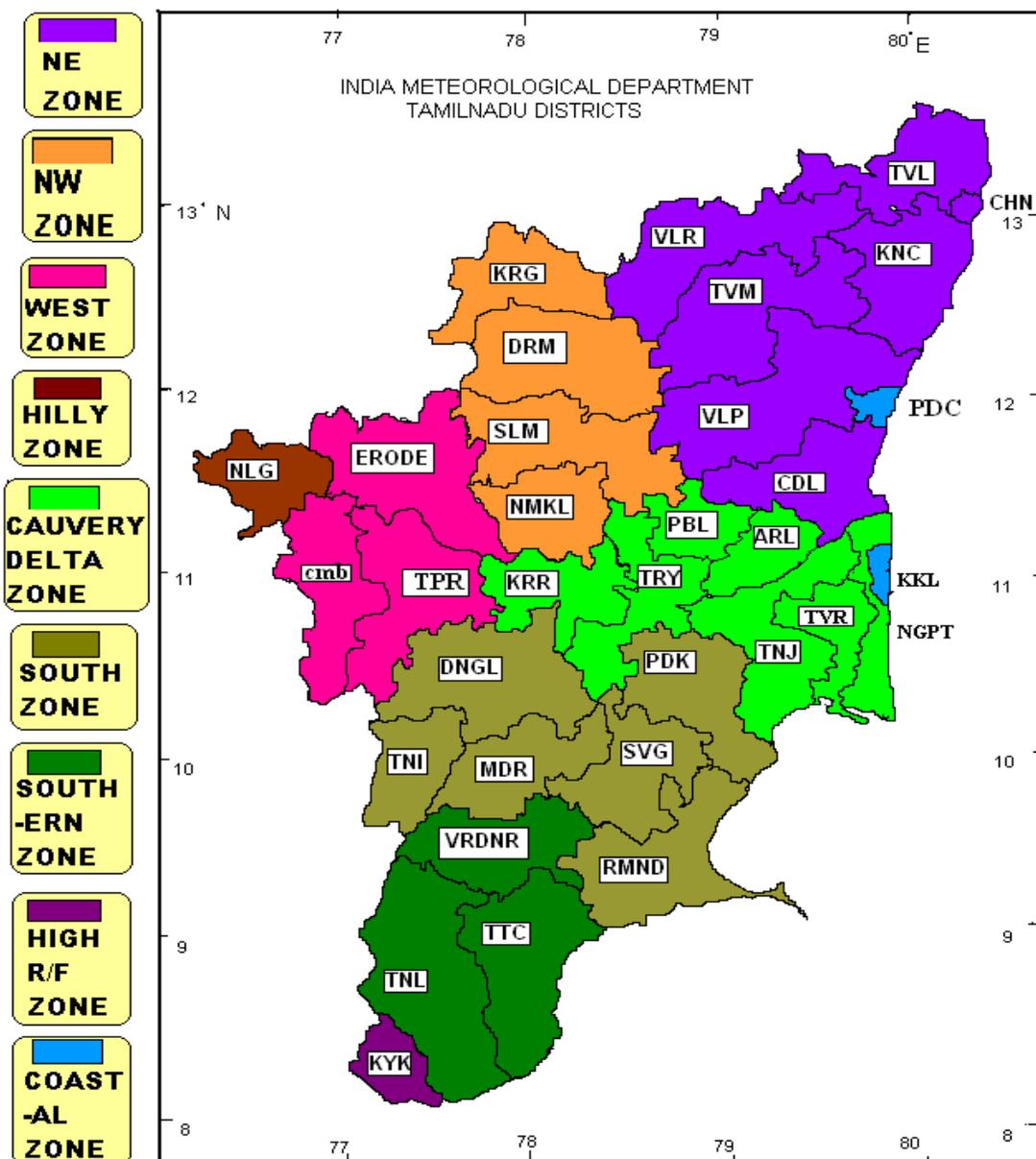
Issued by

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)
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			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 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 27.10.23 to 30.10.23 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 30°C – 35°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 - 27°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 09°C - 11°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Tamil Nadu	Puducherry
Widespread (Most places)	--	30.10.23
Fairly widespread (Many places)	30.10.23	
Scattered (Few Places)	29.10.23	27.10.23 & 29.10.23
Isolated (One or Two Places)	27.10.23 & 28.10.23	
Dry		28.10.23

Chief Amounts of Rainfall (in cms):-

27.10.23 : Mambzhathuraiyaru (dist Kanniyakumari), Anaikedanku (dist Kanniyakumari), Kurunthancode (dist Kanniyakumari), Bhoothapandy (dist Kanniyakumari) 7 each, Eraniel (dist Kanniyakumari), Suralacode (dist Kanniyakumari) 6 each, Ayikudi (dist Tenkasi) 5, Thenkasi (dist Tenkasi) 4, Thirupathisaram AWS (dist Kanniyakumari), Colachel (dist Kanniyakumari), Balamore (dist Kanniyakumari), Adayamadai (dist Kanniyakumari), Kalakadu (dist Tirunelveli) 3 each, Thuckalay (dist Kanniyakumari), Perunchani Dam (dist Kanniyakumari), Puthan Dam (dist Kanniyakumari), Shencottah (dist Tenkasi), Thirparappu (dist Kanniyakumari), Kalial (dist Kanniyakumari) 2 each, Mukkadal Dam (dist Kanniyakumari), Kannimar (dist Kanniyakumari), Adirampatnam (dist Thanjavur), Adiramapattinam AWS (dist Thanjavur), Nagercoil (dist Kanniyakumari), Sivagiri (dist Tenkasi), Gundar Dam (dist Tenkasi), Kozhiporvilai (dist Kanniyakumari) 1 each.

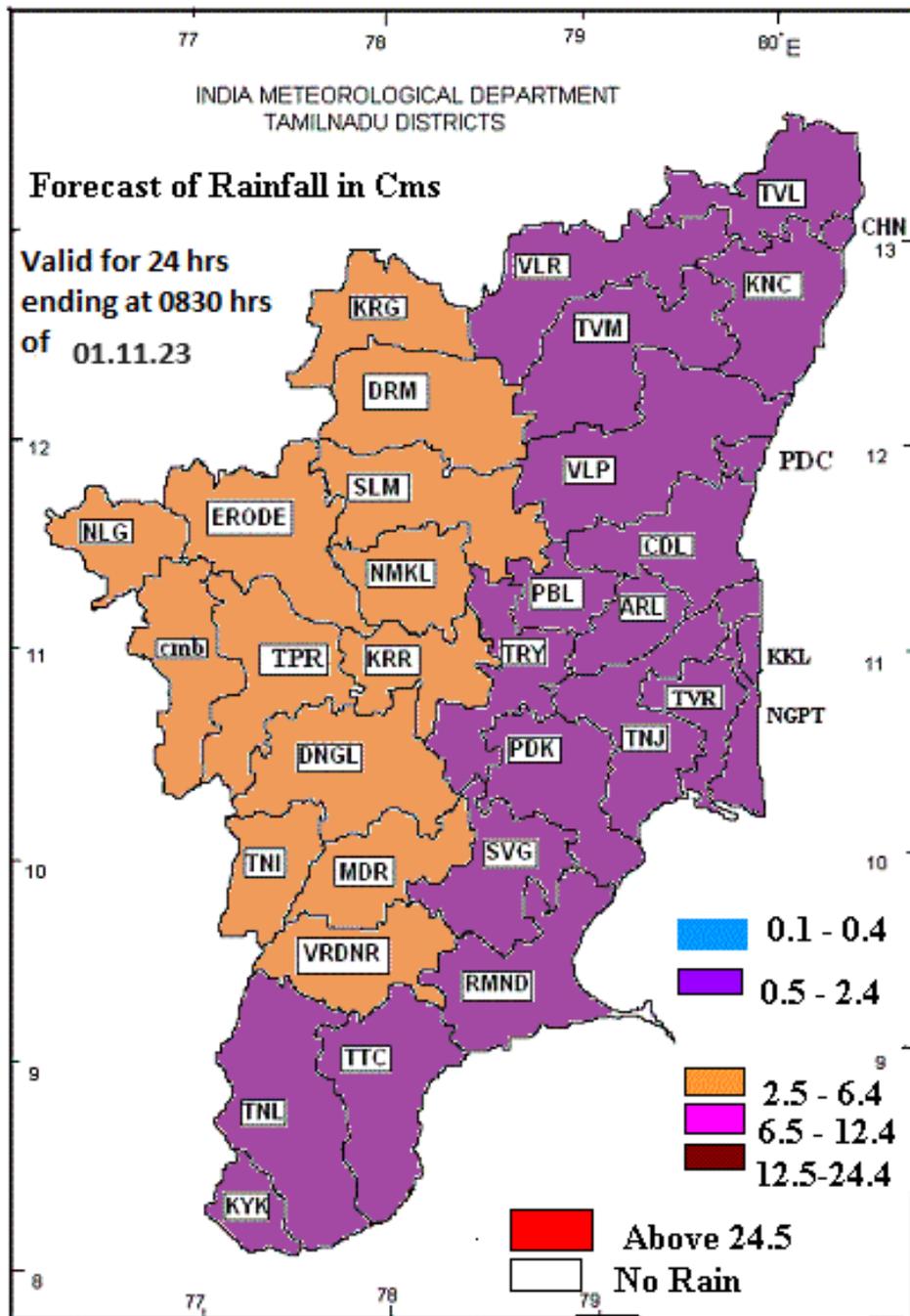
28.10.23 : Kurunthancode (dist Kanniyakumari) 4; Mukkadal Dam (dist Kanniyakumari), Nagapattinam (dist Nagapattinam), Parangipettai (dist Cuddalore), Maduranthagam (dist Chengalpattu), Rajapalayam (dist Virudhunagar) 3 each; Zone 08 Anna Nagar (dist Chennai), Zone Maduravoyal (dist Chennai), Kariyakovil Dam (dist Salem), Chidambaram (dist Cuddalore) 2 each; Singampunari (dist Sivagangai), Ayinkudi (dist Pudukkottai), Tirumayam (dist Pudukkottai), Peravurani (dist Thanjavur), Mambzhathuraiyaru (dist Kanniyakumari), Bhoothapandy (dist Kanniyakumari), Anaikedanku (dist Kanniyakumari), Adirampatnam (dist Thanjavur), Adiramapattinam Aws (dist Thanjavur), Chidambaram Aws (dist Cuddalore), Annamalai Nagar (dist Cuddalore), VIT_Chennai Aws (dist Chengalpattu), Thuckalay (dist Kanniyakumari) 1 each.

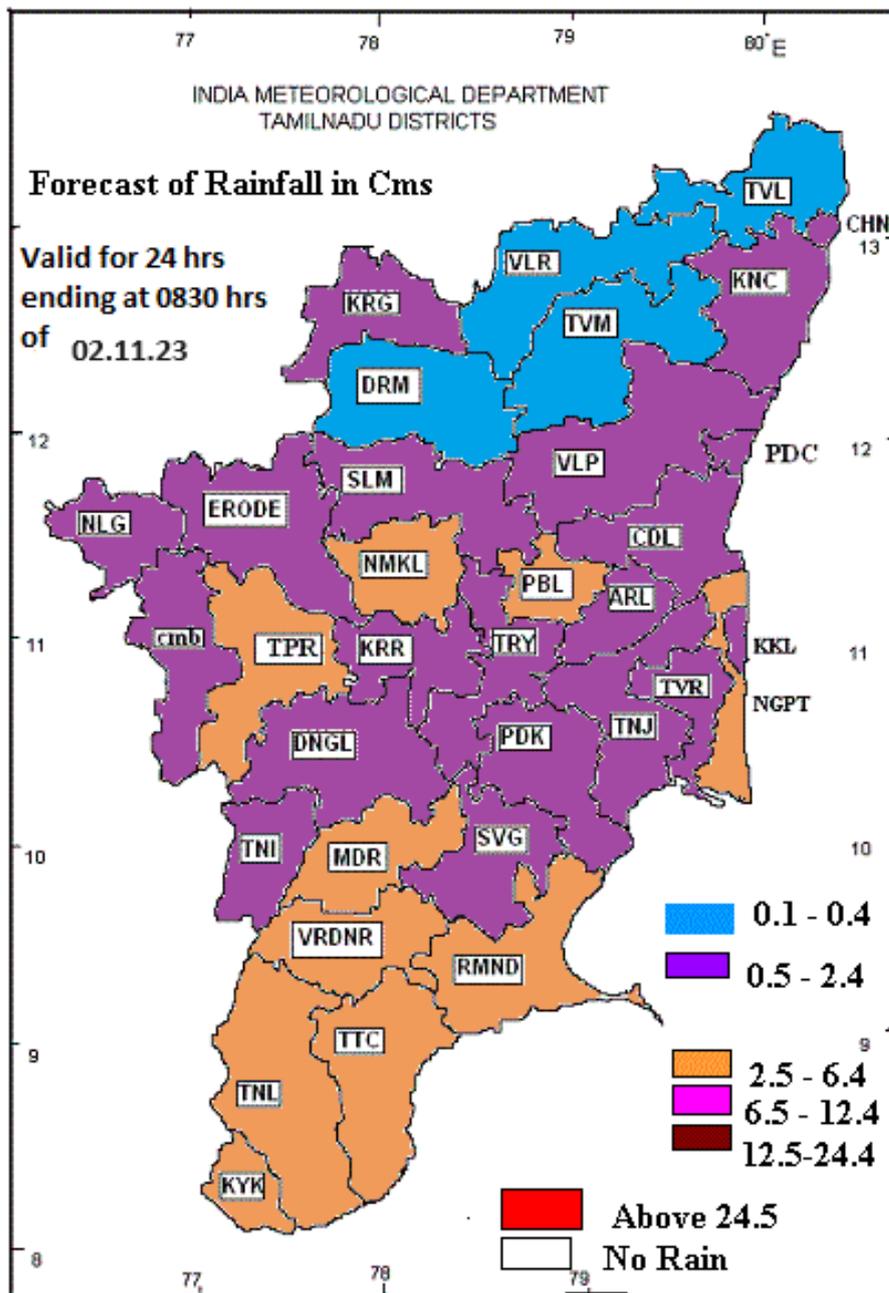
29.10.23 : Pattukottai (dist Thanjavur) 7, Kadaladi (dist Ramanathapuram), Colachel (dist Kanniyakumari), Eraniel (dist Kanniyakumari) 6 each, Mandapam (dist Ramanathapuram), Paramakudi (dist Ramanathapuram) 4 each, Theerthandathanam (dist Ramanathapuram), Zone 07 U18 D81 Vanagaram (dist Chennai), Vattanam (dist Ramanathapuram) 3 each, Vedaranyam (dist Nagapattinam), Velankanni (dist Nagapattinam), Kil Kotagiri Estate (dist The Nilgiris), Kayalpattinam (dist Thoothukudi), Billimalai Estate (dist The Nilgiris), Avadi (dist Tiruvallur), Ayyampettai (dist Thanjavur), Tiruvarur (dist Thiruvarur), Kozhiporvilai (dist Kanniyakumari), Kayathar (dist Thoothukudi), Taluk Office Pandalur (dist The Nilgiris), Satyabama Uty ARG (dist Kancheepuram), Karaikal (dist Karaikal), Mahabalipuram (dist Chengalpattu), Ayanavaram Taluk Office (dist Chennai), Nanguneri (dist Tirunelveli) 2 each, Kancheepuram (dist Kancheepuram), Tambaram (dist Chengalpattu), Lower Anaicut (dist Thanjavur), Cheyyur (dist Chengalpattu), RSCL-2 Kedar (dist Villupuram), Vanamadevi (dist Cuddalore), Zone 07 Ambattur (dist Chennai), Tirukattupalli (dist Thanjavur), Kamudhi (dist Ramanathapuram), Coonoor PTO (dist The Nilgiris), Karambakudi (dist Pudukkottai), Mannargudi (dist Thiruvarur), Tiruvaiyaru (dist Thanjavur), Uthukottai (dist Tiruvallur), Moolaikaraipatti (dist Tirunelveli), Zone1 U32 Maduravoyal (dist Chennai), Taramani ARG (dist Chennai), Balamore (dist Kanniyakumari), Nagapattinam (dist Nagapattinam), Thiruchendur AWS (dist Thoothukudi), Ponnai Dam (dist Vellore), Zone5 Sholinganallur (dist Chennai), Pullambadi (dist Thiruchirappalli), Shencottah (dist Tenkasi), RSCL-2 Soorapattu (dist Villupuram), Adirampatnam (dist Thanjavur), Vattamalai Reservoir (dist Tiruppur), Zone 05 Royapuram (dist Chennai), Coonoor (dist The Nilgiris), Peravurani (dist Thanjavur), Kodumudi (dist Erode), Burliar (dist The Nilgiris), Ambathur (dist Chennai), Neivasal Thenpathi (dist Thanjavur), Mambzhathuraiyaru (dist Kanniyakumari), Sriperumbudur (dist Kancheepuram), Radhapuram (dist Tirunelveli), Zone3 Adyar (dist Chennai), Adiramapattinam AWS (dist Thanjavur), Lalgudi (dist Thiruchirappalli), Thenkasi (dist Tenkasi), Ponneri (dist Tiruvallur), Zone4 U41 Perungudi (dist Chennai), Alakarai Estate (dist The Nilgiris), Manamelkudi (dist Pudukkottai), Zone3 U39 Adyar (dist Chennai), Thuckalay (dist Kanniyakumari), Anaikedanku (dist Kanniyakumari), Kalakadu (dist Tirunelveli), Ariyalur (dist Ariyalur), Tondi (dist Ramanathapuram), Suralacode (dist Kanniyakumari), Tiruchendur (dist Thoothukudi), Tozhudur (dist Cuddalore), Cheranmahadevi (dist Tirunelveli), Chidambaram (dist Cuddalore) 1 each.

30.10.23 : Teynampet (dist Chennai), Nagapattinam (dist Nagapattinam), Ramnadu KVK AWS (dist Ramanathapuram), Me Mathur (dist Cuddalore), Zone 10 Kodambakkam (dist Chennai), DGP Office (dist Chennai), Kurungulam (dist Thanjavur), Chengalpattu (dist Chengalpattu), Mahabalipuram (dist Chengalpattu), Viralimalai (dist Pudukkottai) 5 each, KCS Mill-1 Ariyalur (dist Kallakurichi), Vattamalai Reservoir (dist Tiruppur), Thaluthalai (dist Perambalur), Kadaladi (dist Ramanathapuram), Lalpet (dist Cuddalore), Perundurair (dist Erode), Manapparai (dist Thiruchirappalli), Kariyapatti (dist Virudhunagar), Zone 11 U32 Maduravoyal (dist Chennai), Erode PTO (dist Erode), Ayikudi (dist Tenkasi) 4 each, Zone 06 D65 Kolathur (dist Chennai), RSCL-3 Semmedu (dist Villupuram), Manalmedu (dist Mayiladuthurai), Chidambaram AWS (dist Cuddalore), Vedaranyam (dist Nagapattinam), Ramanathapuram (dist Ramanathapuram), Thalaigayyer (dist Nagapattinam), Parangipettai (dist Cuddalore), Tiruchengode (dist Namakkal), Zone 06 T.V.K Nagar (dist Chennai), Arcot (dist Ranipet), Sathiar (dist Madurai), Kothavacherry (dist Cuddalore), Thenkasi (dist Tenkasi), Sembanarkoil Pwd (dist Mayiladuthurai), Peraiyur (dist Madurai), Sankaridurg (dist Salem), Jayamkondam (dist Ariyalur), Vanur (dist Villupuram), Ambathur (dist Chennai), Lakkur (dist Cuddalore), Vepur (dist Cuddalore), Tiruchendur (dist Thoothukudi), Mettur (dist Salem), BASL Manampooni (dist Villupuram), KCK Mill-1 Kadavanur (dist Kallakurichi), Kollidam (dist Mayiladuthurai), Annamalai Nagar (dist Cuddalore), Sirkali (dist Mayiladuthurai), Thenparanadu (dist Thiruchirappalli), MGR Nagar (dist Chennai), Tondi (dist Ramanathapuram), K.M.Koil (dist Cuddalore), K.Paramathi (dist Karur), Tozhudur (dist Cuddalore), Kovilpatti (dist Thoothukudi), Wallajah (dist Ranipet), Mayiladuthurai (dist Mayiladuthurai), Tirupoondi (dist Nagapattinam), Kattumayilur (dist Cuddalore), Kayalpattinam (dist Thoothukudi), Veppanthattai (dist Perambalur), RSCL Vallam (dist Villupuram), Musiri (dist Thiruchirappalli) 3 each, Poonamallee (dist Tiruvallur), Vanamadevi (dist Cuddalore), Ammapettai (dist Erode), Varattupallam (dist Erode), Gobichettipalayam (dist Erode), Chennai Nungambakkam (dist Chennai), Veeraganoor (dist Salem), Panchapatti (dist Karur), Papanasam (dist Tirunelveli), Virudunagar AWS (dist Virudhunagar), Zone 08 Anna Nagar (dist Chennai), Zone 11 Valasaravakkam (dist Chennai), Ranipet (dist Ranipet), Basl Mugaiyur (dist Villupuram), Mulanur (dist Tiruppur), Ammoor (Walajah Railway (dist Ranipet), Amaravathy Dam (dist Tiruppur), Thiruthuraiipoondi (dist Thiruvarur), Poonamalle ARG (dist Tiruvallur), Thirukuvalai (dist Nagapattinam), Sendurai (dist Ariyalur), Kulithalai (dist Karur), Zone 13 U39 Adyar (dist Chennai), Good Will School Villivakkam ARG (dist Tiruvallur), Arantangi (dist Pudukkottai), Annavasal (dist Pudukkottai), Thiruchendur AWS (dist Thoothukudi), Chennai(N) AWS (dist Chennai), Pwd Travellers Bungalow (dist Sivagangai), Tiruvarur (dist Thiruvarur), Illuppur (dist Pudukkottai), Kudithangi (dist Cuddalore), Ymcanandnam ARG (dist Chennai), Zone 08 Malar Colony (dist Chennai), Tirumangalam (dist Madurai), Bhavani (dist Erode), Singampunari (dist Sivagangai), Kurinjipadi (dist Cuddalore), Sethiathope (dist Cuddalore), Zone 07 Ambattur (dist Chennai), Tirupathur (dist Sivagangai), Thuvakudi Imti (dist Thiruchirappalli), Kumarapalayam (dist Namakkal), Navalur Kottapattu (dist Thiruchirappalli), Padalur (dist Perambalur), Natham (dist Dindigul), Dscl Thiyagadurgam (dist Kallakurichi), Keelpennathur (dist Tiruvannamalai), Cuddalore (dist Cuddalore), Zone 04 Tondiarpet (dist Chennai), Karambakudi (dist Pudukkottai), Thiruvaidaimaruthur (dist Thanjavur), Karaikal (dist Karaikal), Tirumayam (dist Pudukkottai), Vettikadu (dist Thanjavur), Mandapam (dist Ramanathapuram), Ayinkudi (dist Pudukkottai), Kottaram (dist Kanniyakumari), Pulivalam (dist Thiruchirappalli), Ariyalur Camp Area (dist Kallakurichi), RSCL-2 Valavanur (dist Villupuram), Thirukalukundram (dist Chengalpattu), Zone 13 Adyar Eco Park (dist Chennai), Kodaikannal Boat Club (dist Dindigul), Ammundi (dist Vellore) 2 each, Madurai Airport (dist Madurai), Collectorate (dist Cuddalore), Kelambakkam (dist Chengalpattu), Theerthandathanam (dist Ramanathapuram), Mannargudi (dist Thiruvarur), Zone 07 U18 D81 Vanagaram (dist Chennai), Adanakkotai (dist Pudukkottai), Perambalur (dist Perambalur), Gudiyatham (dist Vellore), Zone 03 Puzhal (dist Chennai), RSCL-2 Koliyanur (dist Villupuram), Panruti (dist Cuddalore), Kodayakarai (dist Nagapattinam), Orthanad (dist Thanjavur), Manjulai (dist Tirunelveli), Kodaikanal (dist Dindigul), Trichy Airport (dist Thiruchirappalli), Tirukattupalli (dist Thanjavur), Velankanni (dist Nagapattinam), Bhuvanagiri (dist Cuddalore), Karaikudi (dist Sivagangai), Cheyyar (dist Tiruvannamalai), Peravurani (dist Thanjavur), Kallakurichi (dist Kallakurichi), Chidambaram (dist Cuddalore), Kovilankulam (dist Virudhunagar), Nandhiyar Head (dist Thiruchirappalli), Vadakuthu (dist Cuddalore), Ramanadhi Dam Section (dist Tenkasi), RSCL-2 Kedar (dist Villupuram), Vilupuram (dist Villupuram), V.Kalathur (dist Perambalur), Labbaikudikadu (dist Perambalur), Pallamorkulam (dist Ramanathapuram), Shencottah (dist Tenkasi), Vattanam (dist Ramanathapuram), Lalgudi (dist Thiruchirappalli), Manjalaru (dist Thanjavur), Aruppukottai KVK AWS (dist Virudhunagar), Ponmalai (dist Thiruchirappalli), Tiruttani (dist Tiruvallur), Arakonam (dist Ranipet), Dharmapuri PTO (dist Dharmapuri), Thalaivasal (dist Salem), Pelandurai (dist Cuddalore), Ponnaniyar Dam (dist Thiruchirappalli), Koratur (dist Tiruvallur), Perambur (dist Chennai), Harur (dist Dharmapuri), Aruppukottai (dist Virudhunagar), Gingee (dist Villupuram), Basl Vengur (dist Kallakurichi), Eraiyur (dist Perambalur), Vembakottai (dist Virudhunagar), Sankarankoil (dist Tenkasi), Ariyalur PTO (dist Ariyalur), Andipatti (dist Madurai), Lower Anaicut (dist Thanjavur), Marungapuri (dist Thiruchirappalli), Nagudi (dist Pudukkottai), Mettupatti (dist Madurai), Zone 01 Thiruvottiyur (dist Chennai), Kovilpatti (dist Thiruchirappalli), Zone4 U41 Perungudi (dist Chennai), Zone5 Sholinganallur (dist Chennai), Echanviduthi (dist Thanjavur), Grand Anaicut (dist Thanjavur), Avalanche (dist The Nilgiris), Gundar Dam (dist Tenkasi), Kadalkudi (dist Thoothukudi), RSCL-2 Soorapattu (dist Villupuram), Oothu (dist Tirunelveli), Tiruchirappalli Junctio (dist Thiruchirappalli), Thirupporur (dist Chengalpattu), Pudukkottai (dist Pudukkottai), Kakkachi (dist Tirunelveli), Kumbakonam (dist Thanjavur), Tirur KVK AWS (dist Tiruvallur), RSCL-2 Mundiampakkam (dist Villupuram), Anna Uty ARG (dist Chennai), Satyabama Uty ARG (dist Kancheepuram), Zone5

Uthandi (dist Chennai), Neivasal Thenpathi (dist Thanjavur), Thandarampettai (dist Tiruvannamalai), Budalur (dist Thanjavur), Kavundapadi (dist Erode), Arimalam (dist Pudukkottai), Melalathur (dist Vellore), Sankarapuram (dist Kallakurichi), Chinnakalar (dist Coimbatore), Gummidipoondi (dist Tiruvallur), Geddai (dist The Nilgiris), BASL Manalurpet (dist Kallakurichi), DSCL Erayur (dist Kallakurichi), Thammampatty (dist Salem), Uppar Dam (dist Tiruppur), R.S.Mangalam (dist Ramanathapuram), Manamelkudi (dist Pudukkottai), Periyapatti (dist Madurai), VIT_Chennai AWS (dist Chengalpattu), Salem (dist Salem), Kallakudi (dist Thiruchirappalli), Cheyyur (dist Chengalpattu), Nilakottai (dist Dindigul), Arani (dist Tiruvannamalai), Nalumukku (dist Tirunelveli), Kulasekarapattinam (dist Thoothukudi), Valangaiman (dist Thiruvarur), RSCL-2 Nemoor (dist Villupuram), Pamban (dist Ramanathapuram), Koppampatti (dist Thiruchirappalli), Illayangudi (dist Sivagangai), Zone 05 Gcc (dist Chennai), Dscl Keelpadi (dist Kallakurichi), Kurunthancode (dist Kanniyakumari), Andipatti (dist Theni), Chettikulam (dist Perambalur), Karaiyur (dist Pudukkottai), Valinokam (dist Ramanathapuram), Srivilliputhur (dist Virudhunagar), Tindivanam (dist Villupuram), Thanjavur (dist Thanjavur), Kodanad (dist The Nilgiris), Emeralad (dist The Nilgiris), Krishnapuram (dist Perambalur), Kunderipallam (dist Erode), Madukkur (dist Thanjavur) 1 each.

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 31.10.23
VALID FOR THE NEXT 5 DAYS**



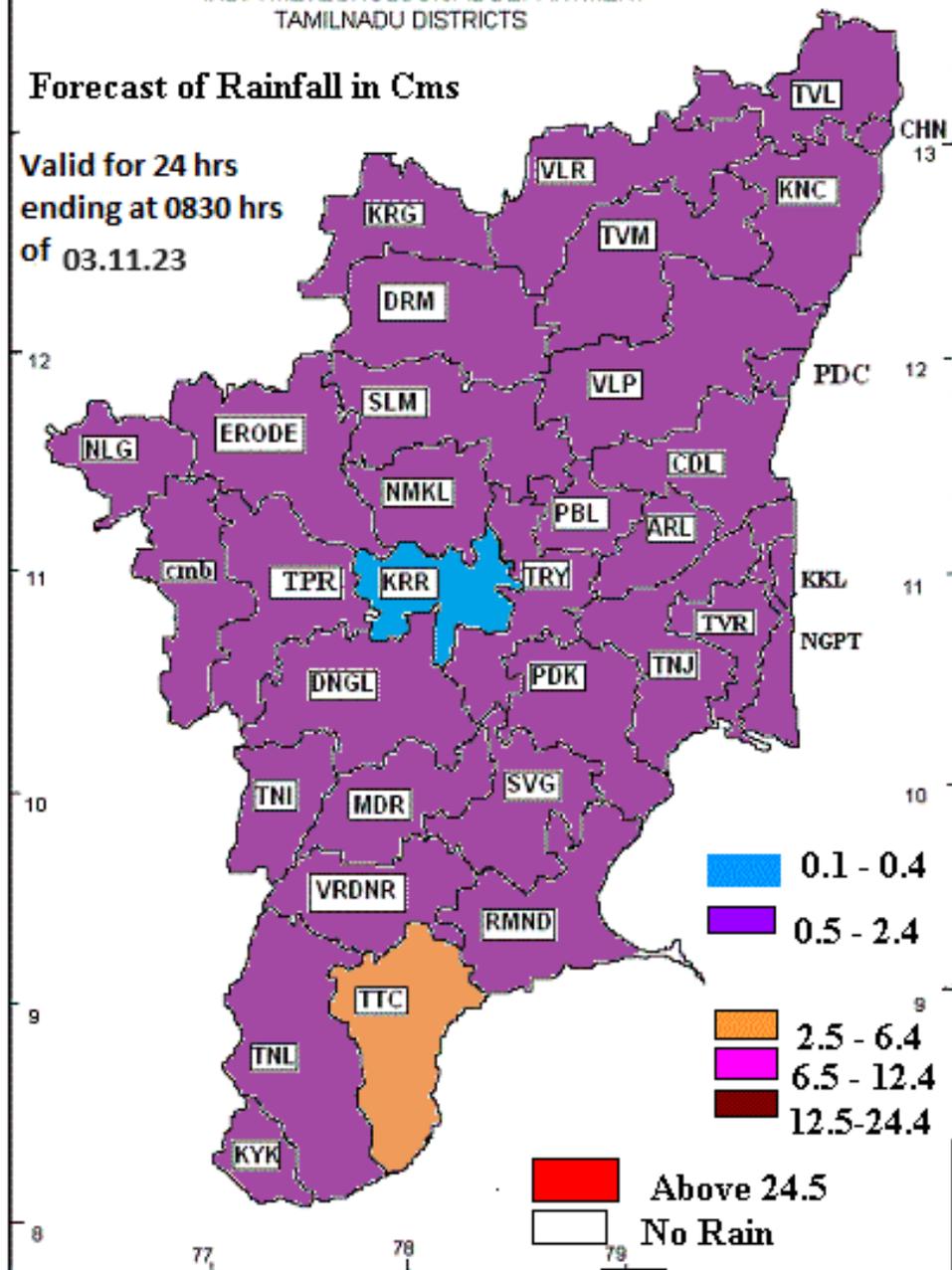


77 78 79 80°E

INDIA METEOROLOGICAL DEPARTMENT
TAMILNADU DISTRICTS

Forecast of Rainfall in Cms

Valid for 24 hrs
ending at 0830 hrs
of 03.11.23



- 0.1 - 0.4
- 0.5 - 2.4
- 2.5 - 6.4
- 6.5 - 12.4
- 12.5 - 24.4

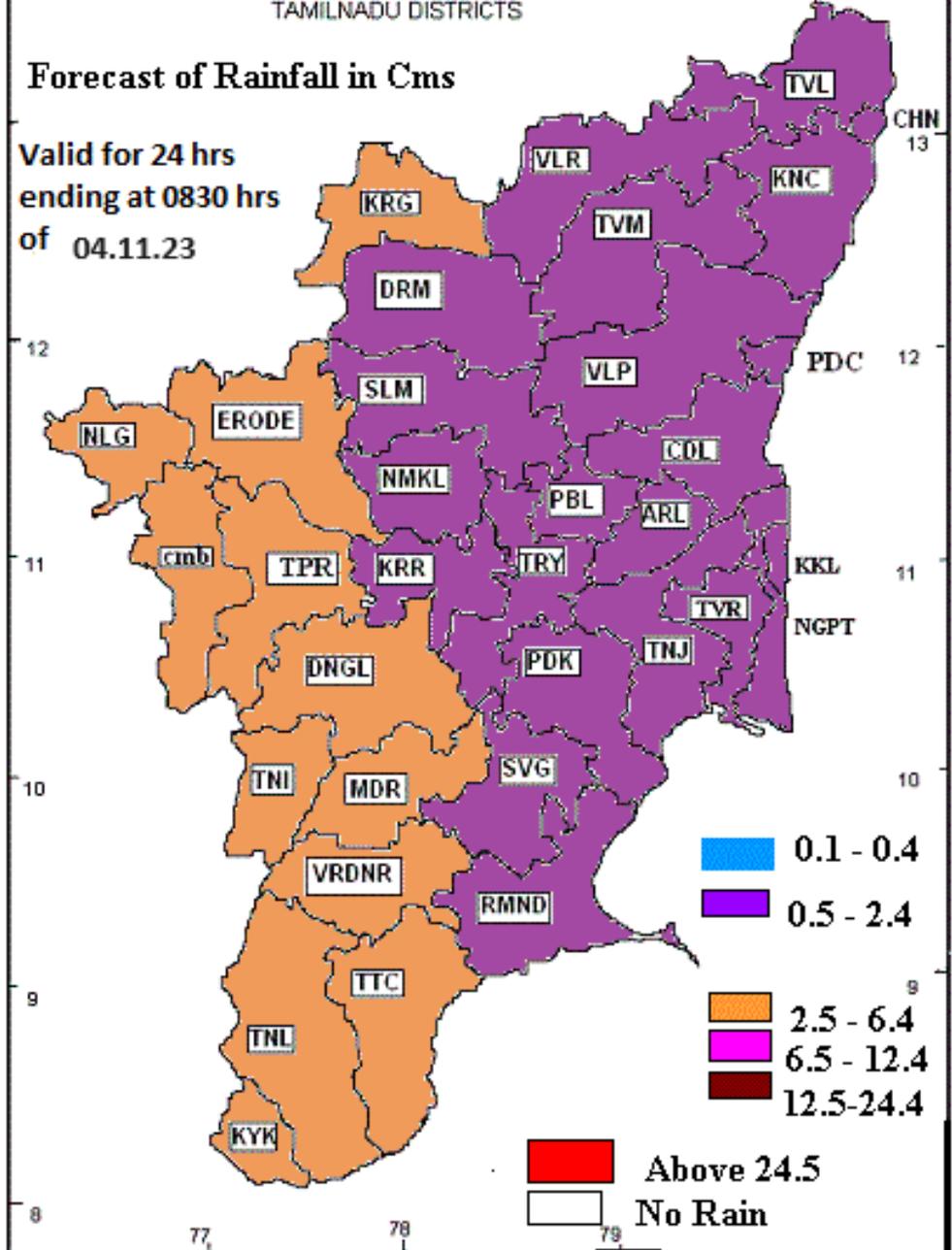
Above 24.5
No Rain

77 78 79 80°E

INDIA METEOROLOGICAL DEPARTMENT
TAMILNADU DISTRICTS

Forecast of Rainfall in Cms

Valid for 24 hrs
ending at 0830 hrs
of 04.11.23

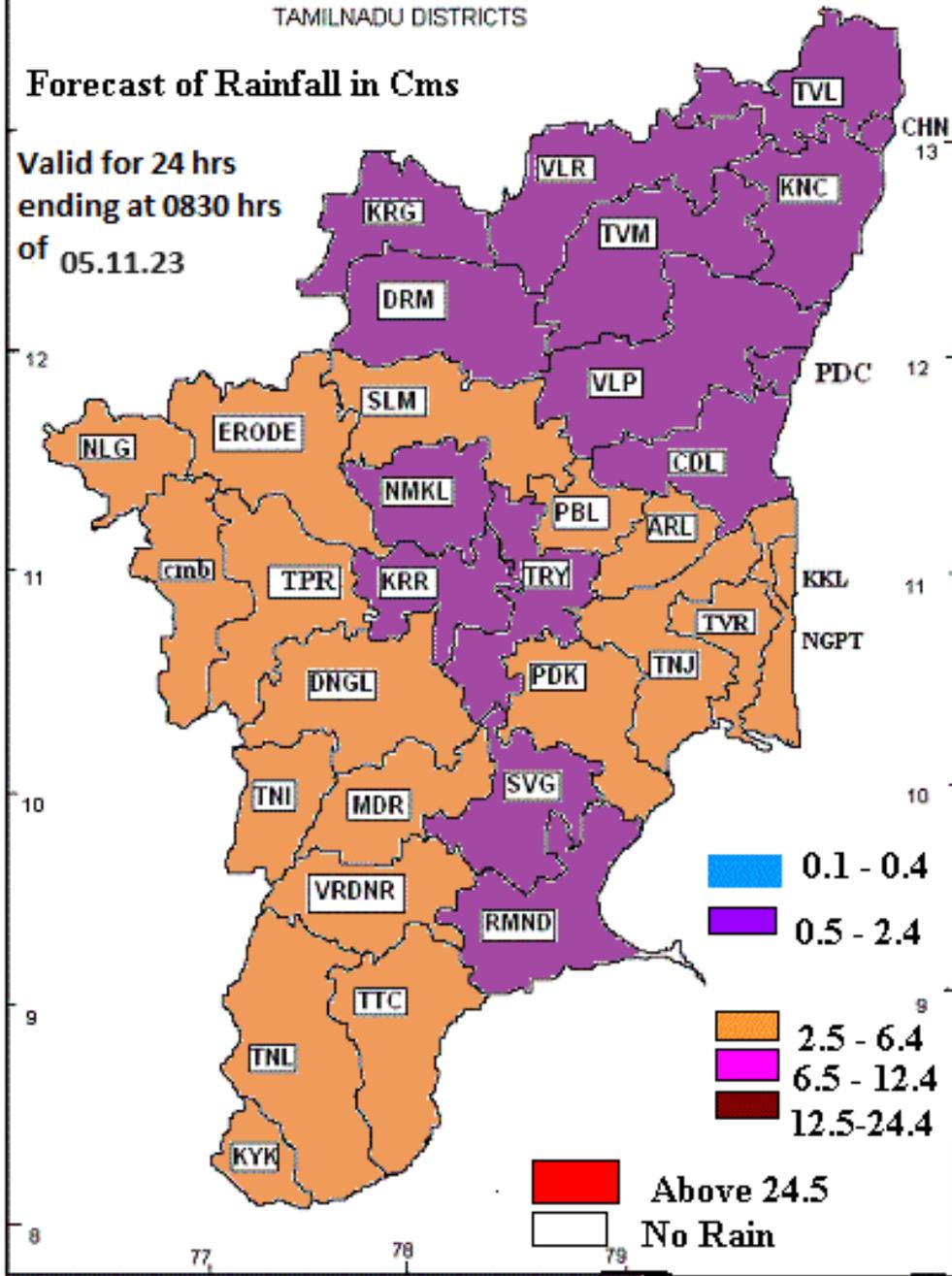


77 78 79 80°E

INDIA METEOROLOGICAL DEPARTMENT
TAMILNADU DISTRICTS

Forecast of Rainfall in Cms

Valid for 24 hrs
ending at 0830 hrs
of 05.11.23



8 9 10 11 12 13

77 78 79

District-wise Agromet Advisories

Chennai

SMS Advisory:

(01.11.2023) Heavy rain is likely to occur at isolated places over Krishnagiri and Tirupattur districts of Tamilnadu.

Livestock Advisory:

To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.

To prevent scabies in rabbit all in all out system has to be followed with adequate ectoparasicide spraying.

Goat kids and calves protect from direct rain, dampness and cold.

Check out for aflatoxicosis in concentrate feed. Addition of toxin binders in feed would prevent this to some extent.

Milk animals should be fed with grass and dry fodder concentrate as per the regular schedule.

Swill (food wastes) fed fattener pigs should be checked out for sanitary swill feeding since spoilt swill will cause intestinal disorder.

Deep litter poultry house should be protected from rain water.

Provision of 5% shell grit to layers improves the egg quality.

Deworming should be carried out as per the seasonal schedule.

Kancheepuram

SMS Advisory:

(01.11.2023) Heavy rain is likely to occur at isolated places over Krishnagiri and Tirupattur districts of Tamilnadu.

Livestock Advisory:

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Deep litter poultry house should be protected from rain water.

Provision of 5% shell grit to layers improves the egg quality.

Deworming should be carried out as per the seasonal schedule.

Agricultural advisory Rice:

In rice forecasted weather is conducive for leaf folder infestation. For Management farmers are advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

Ladyfinger:

There are possibilities of Powdery mildew disease infestation in Bhendi crops. For management spray inorganic sulphur 0.25% or Dinocap 0.1% 3 or 4 times at 15 days interval.

Brinjal:

There are possibilities of Shoot and fruit borer infestation in Brinjal. For management farmers may spray Emamectin benzoate 5 % SG 4 gram/10 liter of water or Flubendiamide 20 WDG @ 7.5 gram / 10 liter of water.

Bottle gourd:

There are possibilities of fruit fly infestation in Cucurbit crops. Farmers are advised to take necessary plant protection measures with the advice of Horticultural officers.

Villupuram

SMS Advisory:

(01.11.2023) Heavy rain is likely to occur at isolated places over Krishnagiri and Tirupattur districts of Tamilnadu.

Livestock Advisory:

To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.

To prevent scabies in rabbit all in all out system has to be followed with adequate ectoparasiticide spraying.

Goat kids and calves protect from direct rain, dampness and cold.

Check out for aflotoxicosis in concentrate feed. Addition of toxin binders in feed would prevent this to some extent.

Milk animals should be fed with grass and dry fodder concentrate as per the regular schedule.

Swill (food wastes) fed fattener pigs should be checked out for sanitary swill feeding since spoiled swill will cause intestinal disorder.

Deep litter poultry house should be protected from rain water.

Provision of 5% shell grit to layers improves the egg quality.

Deworming should be carried out as per the seasonal schedule.

Agricultural advisory Rice:

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. (Spray after rainfall)

Blackgram:

Black gram growing farmers reduce the seed borne pathogens, seedling disease and root rot infections treat the seeds with carbendazim @ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed (or) bacillus subtilis @ 10 g/kg seed.

Sugarcane:

Due to prevailing weather conditions favorable for internode borer infestation is found in sugarcane crop. To manage Release of Trichogramma chilonis egg parasitoid at the rate of 2.5 cc/release/ha (Six releases at 15 days interval starting from fourth month) is recommended for the control of internode borer. It is available in Department of Agricultural Entomology, TNAU, Coimbatore.

Maize:

Maize growing farmers the fall army worm infection apply neem cake @ 250 kg/ha (farmer contribution)

Seed treatment with cyantraniliprole 19.8% + thiamethoxam 19.8 FS @ 4.0 ml/kg seed Border cropping with gingelly or cowpea or sorghum

Installation of pheromone traps @ 12 nos./ha

Spraying of chlorantraniliprole 18.5 SC @ 0.4 ml/l (or) flubendiamide 20 WG (0.5 g/l) at 15-20 days of emergence (DAE)

Application of emamectin benzoate 5 SG (0.4 g/l) or spinetoram 11.7 SC (0.5 ml/l) at 35-40 DAE at late whorl stage and 60 DAE.

Tapioca:

In tapioca field observed mealy bug infestation. To control mealy bug spray fipronil 40% + Imidacloprid 40 % 100 gram/acre with sticking agent.

In tapioca field observed red spider mite infestation. To control red spider mite spray propargite 120 ml/acre with sticking agent. (Spray after rainfall)

Banana:

Moderate rainfall wind speed expected it may cause lodging in banana. Provide support to five months and above old banana.

Tiruvannamalai

SMS Advisory:

(01.11.2023) Heavy rain is likely to occur at isolated places over Krishnagiri and Tirupattur districts of Tamilnadu.

Livestock Advisory:

To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.

To prevent scabies in rabbit all in all out system has to be followed with adequate ectoparasicide spraying.

Goat kids and calves protect from direct rain, dampness and cold.

Check out for aflotoxicosis in concentrate feed. Addition of toxin binders in feed would prevent this to some extent.

Milk animals should be fed with grass and dry fodder concentrate as per the regular schedule.

Swill (food wastes) fed fattener pigs should be checked out for sanitary swill feeding since spoilt swill will cause intestinal disorder.

Deep litters poultry house should be protected from rain water.

Provision of 5% shell grit to layers improves the egg quality.

Deworming should be carried out as per the seasonal schedule.

Rice:

Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpone irrigation. Harvest the matured crops and store in safe places.

Groundnut:

Harvest the matured groundnut crops and store in safe places.

Coconut:

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

Tiruvallur

General Advisory:

From extended range forecast Above normal rainfall, Normal minimum temperature and maximum temperature expected for the period of 05.11.2023 to 11.11.2023 over Tamil Nadu.

SMS Advisory:

Very light to moderate rainfall is expected in the forthcoming days, proper drainage may be provided to the crops to avoid water logging condition.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Rice -1.continuous rainfall can leach nutrients from the soil. Adjust your fertilizer application based on moisture availability; 2.Rainfall can encourage weed growth in paddy fields. It's important to control weeds to prevent them from competing with your rice plants for nutrients and water. Use appropriate herbicides or manual weeding after the rainfall; 3.Provide proper drainage facilities.
BLACKGRAM	Due to prevailing weather conditions, there is a possibility of spotted pod borer in the blackgram fields in order to control spray imidacloprid 17.8% SL 3 ml/ 10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/ 1 liter of water. (Spray after rainfall)
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Store fodder in safe place which helps to prevent it from getting way during rainy season.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Due to prevailing weather conditions, there is a possibility of fruit borer in the brinjal fields in order to control spray Neem Seed Kernel Extract 5 % (or) Spray Dimethoate 30 % EC 7.0 ml/10 l. and Encourage the activity of larval parasitoids: <i>Pristomerus testaceus</i> , <i>Cremastus flavoorbitalis</i> . (Spray after rainfall)
JASMINE	Due to prevailing weather conditions, there is a possibility of Budworm in the jasmine fields in order to control spray spinosad 45% SC 5 ml 10 liter of water. (Spray after rainfall)

Vellore

General Advisory:

As per the IMD extended range forecast (ERF), above normal rainfall and normal temperature is likely over Tamil Nadu and Puducherry during 5th to 11th November, 2023. After harvesting of the groundnut field, soil application of Trichoderma viride 1kg /ac mixed with 50 kg FYM during last or first ploughing to rectify/control soil born pathogen. Light to moderate rainfall may be expected on forthcoming days. So, farmers are advised to avoid fertilizer application, insecticides or pesticides spray during rainy days. Harvest the matured crops during store in safe places.

SMS Advisory:

Very light to moderate rainfall may be expected on forthcoming days. Hence, farmers are advised to provide adequate drainage for crops.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpone irrigation. Harvest the matured crops and store in safe places.
GROUNDNUT	Harvest the matured groundnut crops and store in safe places.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	To control rhinoceros beetle, setup Rhino lure pheromone trap @ 2 traps/acre.
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. During rainy season the cattle and small ruminants should not be fed with water spoiled fodder, which may cause fever and diarrhea.
Poultry(Varieties)	Poultry Specific Advisory
HEN	Maintain deep litter as dry (if moisture, mix with lime powder). Prepare drainage facility around poultry shed.

Cuddalore

General Advisory:

From extended range forecast above normal rainfall, maximum temperature and minimum temperature expected for the period of 05.11.2023 to 11.11.2023 over Tamil Nadu.

SMS Advisory:

Moderate rainfall will be expected in the forthcoming days, farmers are advised to provide proper drainage facility to crops.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Due to prevailing weather condition favorable for algae formation in paady field. To control follow alternate wetting and drying method and use cono weeder or rotary weeder for removing weeds and algae formation in field. Apply 1.0 kg/acre of copper sulphate mix with 10 kg of sand in gunny bags and put in irrigation channel and provide irrigation. (Apply After rainfall)
RICE	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. (Spray after rainfall)
BLACKGRAM	Black gram growing farmers reduce the seed borne pathogens, seedling disease and root rot infections treat the seeds with carbendazim @ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed (or) bacillus subtilis @ 10 g/kg seed.
SUGARCANE	Due to prevailing weather conditions favorable for internode borer infestation is found in sugarcane crop. To manage Release of Trichogramma chilonis egg parasitoid at the rate of 2.5 cc/release/ha (Six releases at 15 days interval starting from fourth month) is recommended for the control of internode borer. It is available in Department of Agricultural Entomology, TNAU, Coimbatore.
MAIZE	1. Maize growing farmers the fall army worm infection apply neem cake @ 250 kg/ha (farmer contribution) 2. Seed treatment with cyantraniliprole 19.8% + thiamethoxam 19.8 FS @ 4.0 ml/kg seed 3. Border cropping with gingelly or cowpea or sorghum 4. Installation of pheromone traps @ 12 nos./ha 5. Spraying of chlorantraniliprole 18.5 SC @ 0.4 ml/l (or) flubendiamide 20 WG (0.5 g/l) at 15-20 days of emergence (DAE) 6. Application of ememectin benzoate 5 SG (0.4 g/l) or spinetoram 11.7 SC (0.5 ml/l) at 35-40 DAE at late whorl stage and 60 DAE. (Spray after rainfall)
Horticulture(Varieties)	Horticulture Specific Advisory
TAPIOCA	1. In tapioca field observed mealy bug infestation. To control mealy bug spray fipronil 40% + Imidacloprid 40 % 100 gram/acre with sticking agent. 2. In tapioca field observed red spider mite infestation. To control red spider mite spray propargite 120 ml/acre with sticking agent. (Spray after rainfall)
BANANA	Moderate rainfall wind speed expected it may cause lodging in banana. Provide support to five months and above old banana.
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	Vaccinate against P.P.R and enterotoxemia.
Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Moderate rainfall expected on the forthcoming days, so farmers are advised to use sticking agent while spraying chemical.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Moderate to high rainfall is expected during next five days with wind speed of 8-10 km/hr in western zone districts. Provide adequate drainage and post pone irrigation, fertilizer application and spraying.
Rice	Vegetative	Since rainfall is expected, provide adequate drainage facilities in recently transplanted field.
Sugarcane	Vegetative	Since rainfall with wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Banana	Above 5 months	Rainfall with wind speed of 10km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old.
Grapes	Vegetative	Due to wet weather with frequent drizzling is favourable for the downy mildew incidence in grapes and therefore farmers are requested to monitor the crop carefully and spray 1% Bordeaux mixture if needed.
Turmeric	Vegetative	Due to continuous rainfall, drainage is very necessary for all the standing crops especially for turmeric, cotton and maize. during dry spell, spray 1% urea solution against yellowing of leaves.
Animal Husbandry		Considering the rainfall and high relative humidity, dry feed may be provided to the animals and poultry against aflatoxin contamination. Temperature is falling to 30°C and relative humidity is high up to 90% may cause suffocation in animals. Provide adequate comfort and clean drinking water.

SMS advisory

Moderate to high rainfall is expected. Hence provide adequate drainage and post pone irrigation, fertilizer application and spraying.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Moderate to high rainfall is expected during next five days with wind speed of 8-10 km/hr in western zone districts. Provide adequate drainage and post pone irrigation, fertilizer application and spraying.
Rice	Vegetative	Since rainfall is expected, provide adequate drainage facilities in recently transplanted field.
Sugarcane	Vegetative	Since rainfall with wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Banana	Above 5 months	Rainfall with wind speed of 10km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old.
Turmeric	Vegetative	Due to continuous rainfall, drainage is very necessary for all the standing crops especially for turmeric, cotton and maize. During dry spell, spray 1% urea solution against yellowing of leaves.
Animal Husbandry		Considering the rainfall and high relative humidity, dry feed may be provided to the animals and poultry against aflatoxin contamination. Temperature is falling to 30°C and relative humidity is high up to 90% may cause suffocation in animals. Provide adequate comfort and clean drinking water.

SMS advisory

Moderate to high rainfall is expected. Hence provide adequate drainage and post pone irrigation, fertilizer application and spraying.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Moderate to high rainfall is expected during next five days with wind speed of 8-10 km/hr in western zone districts. Provide adequate drainage and post pone irrigation, fertilizer application and spraying.
Sugarcane	Vegetative	Since rainfall with wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Banana	Above 5 months	Rainfall with wind speed of 10km may cause severe damage to Banana. Provide adequate support to Banana of above 5 months old.
Animal Husbandry		Considering the rainfall and high relative humidity, dry feed may be provided to the animals and poultry against aflatoxin contamination. Temperature is falling to 30°C and relative humidity is high up to 90% may cause suffocation in animals. Provide adequate comfort and clean drinking water.

SMS advisory

Moderate to high rainfall is expected. Hence provide adequate drainage and post pone irrigation, fertilizer application and spraying.

Nilgiris

General Advisory:

To manage Fusarium wilt in carnation, soil drenching with carbendazim @ 0.1 % or difenoconazole @ 0.05 % or Pseudomonas fluorescens as soil application @ 25 g/m² and foliar application @ 0.5 % at monthly intervals or soil drenching with Bacillus amyloliquefaciens @ 0.5 % at monthly intervals is recommended.

SMS Advisory:

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.

Horticulture(Varieties)	Horticulture Specific Advisory
CARROT	To manage leaf spot in carrot crop, foliar application of mancozeb @ 2 g/l is recommended.
BANANA	Soil application of FYM @ 10 kg + Neem cake @ 1.25 kg as basal; Vermicompost @ 5 kg after 3 months of planting and Wood ash @ 1.75 kg / plant after 5 months of planting; Triple green manuring with sunhemp (one time) and Cowpea (two times) + biofertilizers viz., Arbuscular mycorrhiza (AM) @ 25g, Azospirillum @ 50 g, Phosphate solubilizing bacteria (PSB) @ 50 g and Trichoderma harzianum @ 50 g/plant is recommended for organic cultivation of banana.

Nilgiris Block level

Coonoor, Gudalur, Kotagiri and Ooty Blocks

General Advisory:

To manage Fusarium wilt in carnation, soil drenching with carbendazim @ 0.1 % or difenoconazole @ 0.05 % or Pseudomonas fluorescens as soil application @ 25 g/m² and foliar application @ 0.5 % at monthly intervals or soil drenching with Bacillus amyloliquefaciens @ 0.5 % at monthly intervals is recommended.

SMS Advisory:

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Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

Tiruchirapalli

General Advisory:

Tamilnadu's average rainfall is likely to be above normal during this week.

SMS Advisory:

To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

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.
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.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	The dairy animals should be milked completely within 5 to 8 minutes. Since the oxytocin hormone release will be only during this period. It will help for preventing mastitis infection in cow.
Poultry(Varieties)	Poultry Specific Advisory

CHICKEN	Native poultry reared under integrated method in case infested with lice, must be given medicated bath. A sponge dipped in 1 ml of butox mixed in one litre of water could be rubbed all over the body on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.
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Tiruchirapalli Block level

Andanallur, Lalgudi, Manachanellur, Manapparai, Manikandam, Marungapuri, Musiri, Pullambadi, Tattayangarpettai, Thiruverambur, Thottiam, Turaiyur, Uppiliapuram & Vaiyampatti Blocks

General Advisory:

Tamilnadu's average rainfall is likely to be above normal during this week.

SMS Advisory:

To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

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.
Horticulture(Varieties)	Horticulture Specific Advisory
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Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Native poultry reared under integrated method in case infested with lice, must be given medicated bath. A sponge dipped in 1 ml of butox mixed in one litre of water could be rubbed all over the body on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

General Advisory:

Heavy rain is likely to occur at isolated places over the district during 1, 4 & 5 November 2023. 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.

SMS Advisory	Chances of Rather heavy rain during 1, 4, 5 Nov & Moderate rain on 2, 3 Nov. Maximum temperature would be in the range of 29°C to 30°C and the minimum temperature would be between 23°C - 24°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 5-6 Kmph from, Northeast direction.
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Weather Based Agro-Advisories: (Tube Rose, Cotton & Animal Husbandry).

Tube Rose:

Kind attention to the farmers cultivating Tuberose flower crops. To improve the quality of the tuberose flower, farmers are advised to give a foliar spray of Zinc Sulphate @ 5gm/litre (0.5%) + Ferrous Sulphate @ 2gm/litre (0.2%) + Boric acid @ 1gm/litre (0.1%) of water, during the non-rainy days. Spraying activities should be carried out only on the non-raining days.

Cotton:

Since Heavy rainfall is expected for the coming days, proper drainage facilities have to be done for both rain-fed 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 litre of water will give the concentration of 40 PPM). To arrest the terminal growth nipping of the terminal portion of the main stem beyond the 15th node should be done. Spraying activities should be carried out only on the non-raining days.

Animal Husbandry:

To protect the livestock from thunderstorms and lightning, farmers are requested to avoid grazing animals during rains, particularly grazing sheep and goats in flocks which are more prone to lightning shock.

Farmers should avoid tethering animals near barbed wire fencing posts and trees.

Trees near the animal sheds should be pruned to avoid accidental falls during heavy wind. Further trees like rain trees and vathanarayanan are more prone to uprooting.

More chance of lightning near hilly areas and undulated landscapes than in plains.

For fences with wooden poles and metal wires, it is advisable to check the condition of the buried parts at most once in 5 years and do the necessary replacement before the thunderstorm season begins.

Madurai

General Advisory:

Heavy rain is likely to occur at isolated places over the district during 1, 4 & 5 November 2023. 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.

SMS Advisory	Chances of Rather heavy rain during 1, 4, 5 Nov & Moderate rain on 2, 3 Nov. Maximum temperature would be in the range of 29°C to 30°C and the minimum temperature would be between 23°C - 24°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 5-6 Kmph from, Northeast direction.
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Paddy:

At present, there is a possibility for stunting of crop growth due to nutrient deficiency in rice. To overcome this, immediately apply 10 kg of Muriate of potash fertilizer per acre as a top dressing and spray 0.5% Zinc sulphate fertilizer as a foliar spray. Spraying activities should be carried out only on the non-raining days.

Animal Husbandry:

To protect the livestock from thunderstorms and lightning, farmers are requested to avoid grazing animals during rains, particularly grazing sheep and goats in flocks which are more prone to lightning shock.

Farmers should avoid tethering animals near barbed wire fencing posts and trees.

Trees near the animal sheds should be pruned to avoid accidental falls during heavy wind. Further trees like rain trees and vathanarayanan are more prone to uprooting.

More chance of lightning near hilly areas and undulated landscapes than in plains.

For fences with wooden poles and metal wires, it is advisable to check the condition of the buried parts at most once in 5 years and do the necessary replacement before the thunderstorm season begins.

Pudukottai

General Advisory:

To combat weather change to boost up immunity to maintain of the optimal production the dairy cows must be supplemented with required quantity of dry matter intake to (2 to 3%).

SMS Advisory:

Due to the cloudy weather. Powdery mildew disease of the attack dourds vegetable crops. Powdery mildew, is especially prevalent in hot dry conditions. Spray dinocap @ 1 ml/l

Crop(Varieties)	Crop Specific Advisory
GREEN GRAM	Spray 2% DAP (20g/lit of water) at the time of first appearance of flowers and enhanced seed set to increase yield and quality and pulses.
RICE	The praveling weather condition favorable for gall midge infection in rice. It leads to the formation of onion like leaf and prevents the panicle formation. To control this apply Thiamethoxam 25 % WG 100G/ha.
Live Stock(Varieties)	Live Stock Specific Advisory

COW	Before monsoon ensure that cows and buffaloes were vaccinated against foot and mouth disease.
COW	Inclusion of Azolla in feed of livestock and poultry reduces the feed cost as well as improves the production.
GOAT	Prevailing weather conditions for Enterotoxemia, vaccination the young Goat/ growing kids at 6 th month, vaccinate the animals once in a year before the onset of monsoon and at the time of Lambing stage of Goat
Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	For active Tomato Hybrid, 20m high bamboo sticks should be used to prevent the fruits from touching the soil during the rainy season.
BANANA	Rhizome weevil - Grubs bore into the rhizome and cause death of the plant Presence of dark coloured tunnels in the rhizomes. Death of unopened pipe, withering of outer leaves. For control measures 5 grams of Fipronil 0.3% per tree with per acre mixed with urea 10 kg/ ha should be mixed and sprinkled around the roots.
BANANA	Due to high clouds and humidity in the air, cigarette butts are prone to gray rot. If necessary, mix 2 g of Mancozeb and spray.

Ramanathapuram

General Advisory:

Over dosage of herbicides causes yellowish green colour and scorching of leaves. To rectify and improve the plant growth by spray recommended dose of herbicide

SMS Advisory:

From extended range forecast, above normal rainfall, normal maximum and minimum temperature expected for the period of November 05 to November 11 over Tamil Nadu.

Crop(Varieties)	Crop Specific Advisory
RICE	For optimal crop growth, it is recommended to apply 10 kg of Zinc sulfate and 25 kg of ferrous sulfate or 5 kg of TNAU MN mixture per acre. In rainfed rice cultivation, it is recommended for farmers to apply 100kg/ac of single super phosphate as a basal dose and apply Urea @ 25 kg and Potash @ 10 kg per acre, as the first dose, between 20 to 25 days after germination.
RICE	Spray pre emergence herbicide, pyrazosulfuron ethyl @ 1.5 liter/ha or early post emergence herbicide Bispyribacsodium 10% SC @ 200 ml/ha using hand sprayer for effective control of weed density.
RICE	During dry weather is favourable for termite attack in rice. Termites, damage the young seedlings by cutting the seedlings. To control the termite in rice field apply, chopped paddy straw with 1.5 % DP chlorpyrifos 10 kg/ac at evening time.

RICE	Due to the prevailing weather condition, incidence of thrips in rice is noticed. The damage symptoms are yellow or silvery streaks on the leaves of young seedlings. Terminal rolling and drying of leaves from tip to base damage symptoms are observed in field spraying of thiamethoxam 25 wg @ 40g/ac with 200ml of water is recommended to control thrips.
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Sivagangai

General Advisory:

Since Moderate rainfall is expected for the next five days, 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.

SMS Advisory	Chances of Moderate rain during 1, 2, 3, 4 & 5 Nov. Maximum temperature would be in the range of 29°C to 30°C and the minimum temperature would be between 23°C - 24°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 5-6 Kmph from, Northeast direction.
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Tomato:

There is a chance of the spread of soil-borne diseases in the tomato crop planted under rain-fed conditions.

To control such diseases, apply biocontrol agents like Trichoderma viride and Pseudomonas fluorescence each at 5 kg per acre well mixed with adequate farm yard manure.

Animal Husbandry:

To protect the livestock from thunderstorms and lightning, farmers are requested to avoid grazing animals during rains, particularly grazing sheep and goats in flocks which are more prone to lightning shock.

Farmers should avoid tethering animals near barbed wire fencing posts and trees.

Trees near the animal sheds should be pruned to avoid accidental falls during heavy wind. Further trees like rain trees and vathanarayanan are more prone to uprooting.

More chance of lightning near hilly areas and undulated landscapes than in plains.

For fences with wooden poles and metal wires, it is advisable to check the condition of the buried parts at most once in 5 years and do the necessary replacement before the thunderstorm season begins.

Theni

General Advisory:

Heavy rain is likely to occur at isolated places over the district during 1, 4 & 5 November 2023. 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.

SMS Advisory	Chances of Rather heavy rain during 1, 4, 5 Nov & Moderate rain on 2, 3 Nov. Maximum temperature would be in the range of 28°C to 29°C and the minimum temperature would be between 22°C - 23°C. Generally cloudy sky will appear for the next five days. Wind expected with the speed of 5-6 Kmph from, Northeast direction.
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Weather Based Agro-Advisories: (Bhendi, Mango & Animal Husbandry)

Bhendi:

Boron deficiency is noticed in the Bhendi fields. The symptoms are the fruits become small in size and malformed. A foliar spray of Borax @ 3.5gm with 0.5ml of wetting agent in 1 litre of water is recommended to manage the boron deficiency. Spraying activities should be carried out only on the non-raining days.

Mango:

Due to the receipt of continuous rain, excessive vegetative growth can be noticed in the Mango crop hence spray 1% of Potassium Nitrate or Paclobutrazol @10gm / tree during non-rainy days.

Animal Husbandry:

To protect the livestock from thunderstorms and lightning, farmers are requested to avoid grazing animals during rains, particularly grazing sheep and goats in flocks which are more prone to lightning shock.

Farmers should avoid tethering animals near barbed wire fencing posts and trees.

Trees near the animal sheds should be pruned to avoid accidental falls during heavy wind. Further trees like rain trees and vathanarayanan are more prone to uprooting.

More chance of lightning near hilly areas and undulated landscapes than in plains.

For fences with wooden poles and metal wires, it is advisable to check the condition of the buried parts at most once in 5 years and do the necessary replacement before the thunderstorm season begins.

Kanyakumari

AGRO ADVISORIES:

S. N.	CROP	STAGES	ADVISORIES
	There are possibilities of Heavy rainfall during the forth coming five days. Maximum temperature will range from 31 - 32°C and minimum temperature will range from 23 - 24°C. Partly cloudy condition may prevail. The morning relative humidity will range from 84 - 86 % and it may range from 72 - 74 % during afternoon. Wind speed may be 9 - 10 km / hr in East direction.		
1.	Rubber and banana	All stages	As heavy winds are blown from the east direction in the fourth coming days, staking should be given to young rubber and banana plants.
2.	Banana	All stages	Harvested banana bunches should be stored in dry places to prevent disease incidence due to rainfall.
3.	Horticultural crops.	All stages	Basins can be formed for all tree crops and coir compost should be applied to conserve moisture in banana, pepper, clove, nutmeg, cinnamon and coconut.
4.	Pineapple	All stages	Proper drainage should be provides to prevent the water logging.

5.	Tree spices	Vegetative stages	Avoid moisture loss by the application of mulching in tree spices field through farm waste materials.
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SMS Advisory

Rubber : Fix a polythene rain guard to the trunk of the tree above the tapping panel so that tapping can be done during rainy season also.

Salem

Weather Advisory Bulletin for livestock, poultry and agro advisory

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Crops	General	Light to moderate rain is expected in the forthcoming days. Hence avoid irrigation, facilitate drainage and avoid spraying. Make provisions to harvest the run off rain water in farm ponds or any suitable structures to improve the ground water table. By utilizing prevailing rainfall North east monsoon dryland crops like sorghum, Cumbu and other crops may be sown. seed treatment with <i>T. viride</i> @ 4g or <i>P. fluorescens</i> @ 1g/kg or <i>Bacillus subtilis</i> before sowing of crop can control the incidence root rot diseases. Soil testing report shows availability of nutrients in soil and due to this, it is easy to manage fertilizer dose of any crop, to save fertilizer and to maintain soil fertility also.
Turmeric	Vegetative	Due to continuous rainfall and stagnation of water nutrient deficiency and rhizome rot may occur in turmeric. Hence provide proper drainage to save the crop from damage.
Castor	Vegetative	Light to moderate rain is expected in the forthcoming days to, hence Provide proper drainage to prevent collar rot in castor
Crops	General	Since light to moderate rain is expected, Maintain proper drainage in the field. Avoid fertilizer, Fungicide and pesticide spray.
Crops:	General	Soil application of FYM @ 10 kg + Neem cake @ 1.25 kg as basal; Vermicompost @ 5 kg after 3 months of planting and Wood ash @ 1.75 kg / plant after 5 months of planting; Triple green manuring with sunhemp (one time) and Cowpea (two times) + biofertilizers viz., Arbuscular mycorrhiza (AM) @ 25g, Azospirillum @ 50 g, Phosphate solubilizing bacteria (PSB) @ 50 g and Trichoderma harzianum @ 50 g/ plant is recommended for organic cultivation of banana.
Coconut	Vegetative stage	Water stagnation due to continuous rain in the coconut fields favours the incidence of basal stem rot in coconut palms. Hence provide proper drainage and ensure supply of required nutrient of the palms to get good yield.
Tea	Vegetative stage	To manage Blister blight in tea crop, 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
Livestock	General	In rainy season management practices should be followed to prevent stagnation of water in cattleshed. 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.
Poultry	General	Measures should be taken to prevent wetting of litter material in poultry house. If wet litter is found lime powder should be sprinkled and mixed with litter material which absorbs the moisture as well as acts as disinfectant.
Poultry	General	During brooding of young chicks in brooder, artificial heat should be given by using incandescert bulb at the rate of 2 watt / chick. Silpaulins / tarpaulins should be placed on either side of poultry house to prevent entry of rain water inside the shed.
Crops:	General	Farmers should set up drainage facilities in the fields to avoid crop damage as moderate rains are expected

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p style="text-align: center;"><u>Methods of increasing fat content in milk during rainy season</u></p> <p>Dry fodders rich in dietary fibre like hay and straws of paddy and sorghum will increase fat content in milk. However, due to abundant green grass availability during the rainy season, dairy cows will avoid dry fodder and consume more green fodder. In such a situation, despite the increase in milk production of dairy cows, the amount of fat in the milk will decrease and the price of milk is likely to decrease. Therefore, it is necessary to feed hay and straws of paddy and sorghum along with green grasses that are low in fiber. Chopping dry forage crops into pieces will increase feed intake and digestibility. But make sure that the size of the chopped fodder should not be less than ½ inch. Treating the straws of paddy and sorghum with urea and molasses will increase the palatability as well as digestibility of the fodder and in turn it will increase the fat content of the milk. During rainy season, dry fodder may be given before feeding concentrate. Cows that are not fed with concentrates must be given 40 grams of mineral mixture daily.</p>
Poultry	General	<p style="text-align: center;"><u>Control of flies in poultry and livestock farms</u></p> <p>In Tamil Nadu, during monsoon season rainy days interspersed with days of sunshine. This favours fly population to increase at a faster pace, and hence fly menace will be high in the forthcoming months. Necessary fly control measures with special attention for farm sanitation should be followed.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Cotton	Flowering and boll formation stage	Farmers are requested to give foliar spraying with cotton plus @ 2.5 kg / acre in 200 litre of water along with sticking agent twice at flowering and boll formation stages of cotton.
Pulse crops	Flowering stage	Farmers are advised to spray pulse wonder (2 kg / 400 liter of water) during flowering stage of pulse crop to improve the pod development and increase grain yield.
Jasmine	General	Jasmine growers requested to apply 65.1 gram urea, 375 gram super phosphate, 100.2 gram muriate of potash around the plants after pruning of excess foliage during November month.
Crops	General	To improve the organic carbon status as well as water holding capacity in soil, farmers are requested to incorporate the plant residues in the same field instead of burning and dumping as waste in outside the field.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Crop	Advisory
Turmeric	Turmeric - Rhizome rot n infected plants, basal portion of the shoots appear watery and soft. The root system is very much reduced The leaves exhibit gradual drying along the margin Infected rhizomes soft, rotted, colour changes into different shades of brown for control measures Providing good drainage facilities. Soil drenching with copper oxy chloride (0.25%) in and around affected plants. Soil application of Pseudomonas fluorescens talc formulation (2.5 kg/ha).
Brinjal	Brinjal - Stem borer-Top shoots of young plants droop and wither. Older plants become stunted. Fruit bearing is affected control measures Collect and destroy the damaged and dead plants, Light trap @1/ha to attract and kill adults spray Emamectin benzoate 0.5 g/l or coragen 0.5 g/lit
Tapioca	Tapioca mealy bug Management practices, Infected shoots should be removed. Collect infected dry plants and discard or burn away from the field. In early stage of infection, any one of the following insecticide can be spray: Azadirachtin 0.15 % @ 50 ml/ liter of water, Fish oil resin soap @ 2.0 ml/ liter of water. Any one of the following insecticide can be sprayed on rotation basis as and required Thiamethoxam 25 WG @ 0.5 gram /liter of water, Flonicamid 50 WG @ 0.3 gram/ liter of water, Spirotetramat 150 OD @ 1.25 ml / liter of water.
Chillies	Chillies trips The infested leaves develop crinkles and curl upwards, Elongated petiole, Buds become brittle and drop down, Early stage, infestation leads to stunted growth and flower production, fruit set are arrested for control measures Inter crop with agathi (Sesbania grandiflora) to provide shade which regulate the thrips population, Do not grow chilli after sorghum, Do not follow chilli and onion mixed crop, Sprinkle water over the seedlings to check the multiplication of thrips Fipronil 5 % SC @1.5 ml/lit or Spinosad 45 % SC @ 3.2 ml/10 lit.. Apply or Spray any one of the following insecticide
Banana	Rhizome weevil - Grubs bore into the rhizome and cause death of the plant Presence of dark coloured tunnels in the rhizomes. Death of unopened pipe, withering of outer leaves. For control measures 5 to 10 grams of borate 10G per tree or Fipronil 0.3% GR 10 kg/ ha per acre mixed with sand or urea at the rate of 1 handful per plant should be sprinkled around the roots and watered.
Groundnut	Groundnut Thrips-Tender leaves showing yellowish green patches on the upper surface and brown necrotic areas and silvery sheen on the lower surface Severe infestations cause stunted plants apply Fipronil 2m/l / lit
Jasmine	Jasmine whitefly Nymphs and adults suck the sap from the under surface of the leaves, Infested leaves turn yellow for control measures yellow sticky trap 8 numbers/ha Collect and destroy the infested leaves along with life stages of insects, Spray NSKE 5% or dimethoate 30 EC 2ml/lit or methyl demeton 25 EC 2ml/lit
Jasmine	Jasmine Bud worm incidence in jasmine Infested flowers turn pale red in colour and they fall off from the plant. One larva attacks 2-3 buds in its life span, to control measures spray Thiochlorid 240SC @1 m.l /liter is advised.
Paddy	Paddy Brown Spot- prevailing weather condition Temperature of 25-30°C, Relative humidity above 80 per cent, excess of nitrogen aggravates the disease incidence attacks seedling in nursery to milky stage in main field. The disease appears first as minute brown dots later becoming cylindrical or oval to circular to control Carbendazim12% + Mancozeb 63% wp 2.0 g per lit.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p style="text-align: center;"><u>Methods of increasing fat content in milk during rainy season</u></p> <p>Dry fodders rich in dietary fibre like hay and straws of paddy and sorghum will increase fat content in milk. However, due to abundant green grass availability during the rainy season, dairy cows will avoid dry fodder and consume more green fodder. In such a situation, despite the increase in milk production of dairy cows, the amount of fat in the milk will decrease and the price of milk is likely to decrease. Therefore, it is necessary to feed hay and straws of paddy and sorghum along with green grasses that are low in fiber. Chopping dry forage crops into pieces will increase feed intake and digestibility. But make sure that the size of the chopped fodder should not be less than ½ inch. Treating the straws of paddy and sorghum with urea and molasses will increase the palatability as well as digestibility of the fodder and in turn it will increase the fat content of the milk. During rainy season, dry fodder may be given before feeding concentrate. Cows that are not fed with concentrates must be given 40 grams of mineral mixture daily.</p>
Poultry	General	<p style="text-align: center;"><u>Control of flies in poultry and livestock farms</u></p> <p>In Tamil Nadu, during monsoon season rainy days interspersed with days of sunshine. This favours fly population to increase at a faster pace, and hence fly menace will be high in the forthcoming months. Necessary fly control measures with special attention for farm sanitation should be followed.</p>
Agro advisory from Krishi Vigyan Kendra,		
Cotton	Flowering and boll formation stage	Farmers are requested to give foliar spraying with cotton plus @ 2.5 kg / acre in 200 litre of water along with sticking agent twice at flowering and boll formation stages of cotton.
Pulse crops	Flowering stage	Farmers are advised to spray pulse wonder (2 kg / 400 liter of water) during flowering stage of pulse crop to improve the pod development and increase grain yield.
Jasmine	General	Jasmine growers requested to apply 65.1 gram urea, 375 gram super phosphate, 100.2 gram muriate of potash around the plants after pruning of excess foliage during November month.
Crops	General	To improve the organic carbon status as well as water holding capacity in soil, farmers are requested to incorporate the plant residues in the same field instead of burning and dumping as waste in outside the field.

Karaikal

Agro Advisory:

Crop/live stock	Stage/Particulars	Agro Advisory
Thunderstorm & Lightning		Farmers are advised to keep their animals inside the cattle shed and avoid animals congregating under isolated tree or near trees, tractor, farm machinery and other equipment made of metals. Ensure that your animals are safe from the dangers of lightning strikes.
Rice	Weed management	To manage weeds in direct sown rice, apply bispyribac sodium @ 200 gram/ha at 10-12 days after sowing or cyhalofop-butyl @ 350 gram or Pyrazosulfuron ethyl @ 200 gram at 12-15 days after sowing or 2,4-D @ 1.25 kilogram at 30-50 days after sowing.
Livestock		In these rainy days, livestock feed may be stored in dry place to avoid aflatoxin problem.
Goat		During rainy days, goats may be affected with viral enteritis. As and when diarrhoea is noticed, immediate treatment should be done at the veterinary dispensary and do not allow the goats to graze outside.
Poultry		Poultry birds reared in deep litter system should avoid dampness in litter material to avoid coccidiosis. If dampness is observed, replace it with fresh litter material or apply 5 kg of lime powder per 100 sq ft area.

SMS: Moderate to heavy rain is expected for next five days. Hence, farmers may postpone irrigation and any chemical application.

Puducherry

Crop	Stage/ Particulars	Agro Advisory
Rice stem borer	Tillering stage	To manage rice stem borer, release parasitoid <i>Trichogramma japonicum</i> 3tricho cards/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.
Rice BLB	Tillering stage	Prevailing weather condition is favorable for bacterial leaf blight infection in rice crop. White colour streaks appear in leaf and it turns brown in colour and dry. To control spray copper hydroxychloride @ 300g/ac.
Brinjal	Reproductive Stage	To manage Brinjal shoot borer, apply neem cake 200 kg/ha or spray Emamectin Benzoate 4% SG @ 0.4g/l.
Cattle 	Hemorrhagic septicaemia	Hemorrhagic septicaemia is a bacterial disease in cattle. It generally occurs during rainy season. Hence, to prevent this disease in farm animals vaccinate cattle before rainy season for Hemorrhagic septicaemia (October).
Cattle 	Theileriosis	Theileriosis is an important disease in exotic and cross bred dairy cattle. This disease is transmitted by the bite of the ticks of the genus <i>Hyalomma</i> . The growth and development is high in ticks during September and October. Hence, the breeding places of ticks like cattle manure, filth, dark corners, dampness and stagnant water etc. and eggs of ticks deposited in cracks & crevices in the walls, floors & wood work of the animal houses should be cleaned properly to prevent the occurrence of the disease in cattle.

SMS: To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely

Puducherry Block level

Ariankuppam, Ozhukarai, Villianur, Bahour, Mannadipet and Nettapakkam Blocks

General Advisory:

Light to Moderate rain with thunderstorms & lightning is likely to occur in one or two places from 01.11.2023 to 05.11.2023

SMS Advisory:

To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	To manage Brinjal shoot borer, apply neem cake 200 kg/ha or spray Emamectin Benzoate 4% SG@ 0.4g/l.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Hemorrhagic septicaemia is a bacterial disease in cattle. It generally occurs during rainy season. Hence, to prevent this disease in farm animals vaccinate cattle before rainy season for Hemorrhagic septicaemia (October).
COW	Theileriosis is an important disease in exotic and cross bred dairy cattle. This disease is transmitted by the bite of the ticks of the genus Hyalomma. The growth and development is high in ticks during September and October. Hence, the breeding places of ticks like cattle manure, filth, dark corners, dampness and stagnant water etc. and eggs of ticks deposited in cracks & crevices in the walls, floors & wood work of the animal houses should be cleaned properly to prevent the occurrence of the disease in cattle.
Crop(Varieties)	Crop Specific Advisory
RICE	To manage rice stem borer, release parasitoid Trichogramma japonicum 3tricho cards/ha at active tillering stage (37, 44 and 51 DAP) or Azadirachtin 0.03% @ 4 ml/l or cartaphydrochloride50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.
RICE	Prevailing weather condition is favorable for bacterial leaf blight infection in rice crop. White colour streaks appear in leaf and it turns brown in colour and dry. To control spray copper hydroxychloride @ 300 g/ac.

