



तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श बुलेटिन



**State Composite Agro-meteorological Advisory
Bulletin for Tamil Nadu and Puducherry
Bulletin No. 091/2024**

For the period 0830 IST, 12th Nov 2024 to

0830 IST, 17th Nov 2024

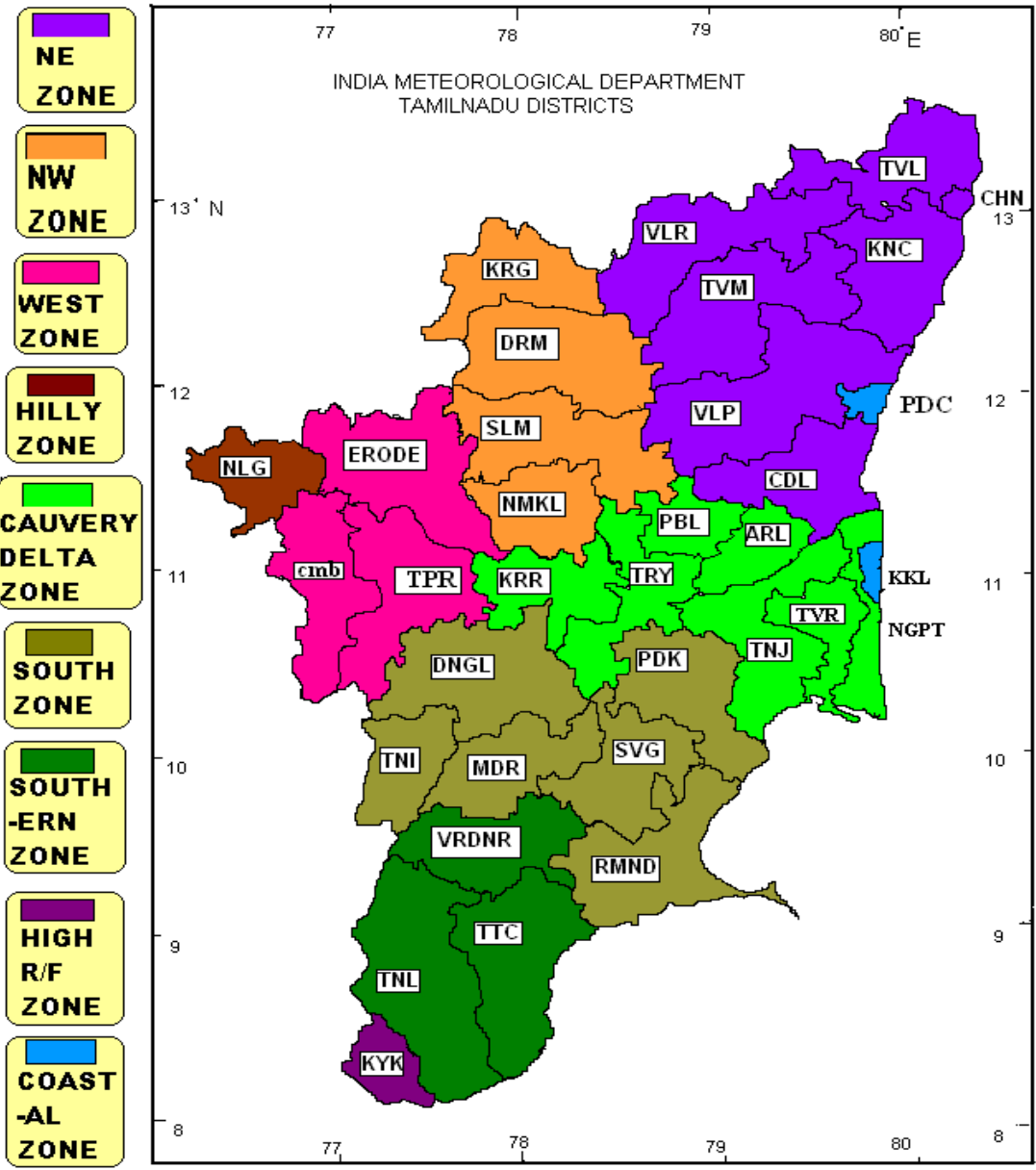
Issued on Tuesday, 12th Nov 2024

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 08.11.24 to 11.11.24 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 27°C – 35°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 17°C – 22°C during the period.

Minimum temperature of range 21°C - 28°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 09°C - 13°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)	08.11.2024 and 09.11.2024	-
Isolated (One or Two Places)	10.11.2024 and 11.11.2024	08.11.2024
Dry	-	09.11.2024, 10.11.2024 and 11.11.2024

Chief Amounts of Rainfall (in cms):-

08.11.24: Zone 02 D15 Manali (dist Chennai) 11; Zone 03 Madhavaram (dist Chennai) 10; Sembanarkoil PWD (dist Mayiladuthurai), Velankanni (dist Nagapattinam), Madhavaram_CMWSSB (dist Chennai) 9 each; Zone 02 Manali (dist Chennai) 8; Zone 06 D65 Kolathur (dist Chennai), Thirparappu (dist Kanyakumari), Zone 01 Thiruvottiyur (dist Chennai), Good Will School Villivakkam ARG (dist Tiruvallur), Sirkali (dist Mayiladuthurai) 7 each; Ambattur MW (dist Chennai), Zone 07 Ambattur (dist Chennai), Ambathur Rev (dist Chennai), Zone 08 Malar Colony (dist Chennai), Tiruvarur AWS (dist Thiruvarur) 6 each; Thuckalay (dist Kanyakumari), Zone 07 U18 D81 Vanagaram (dist Chennai), Anna Nagar (dist Chennai), Perambur (dist Chennai), Vedasandur (dist Dindigul), Sriperumbudur (dist Kancheepuram), Zone 01 Kathivakkam (dist Chennai) 5 each; Zone 04 Tondiarpet (dist Chennai), Tirupoondi (dist Nagapattinam), Tondairpet (dist Chennai), Thalaigayyer (dist Nagapattinam), Thiru-Vi-Ka Nagar (dist Chennai), Nagapattinam (dist Nagapattinam), Tobacco Station (VDR) (dist Dindigul), ACS Medical College ARG (dist Kancheepuram), Karaikal (dist

Karaikal), Vedasandur AWS (dist Dindigul), Manali (dist Chennai), Pattukottai (dist Thanjavur), CD Hospital Tondiarpet (dist Chennai), Zone 03 Puzhal (dist Chennai), Poonamalle ARG (dist Tiruvallur), Zone 05 Royapuram (dist Chennai), Chennai Collector Office (dist Chennai) 4 each; Puzhal ARG (dist Tiruvallur), Zone 11 U32 Maduravoyal (dist Chennai), Ayanavaram Taluk Office (dist Chennai), Thiruvottiyur (dist Chennai), Karaikal AWS (dist Karaikal), Zone 06 T.V.K Nagar (dist Chennai), Zone 11 Valasaravakkam (dist Chennai), Royapuram (dist Chennai), Kalavai PWD (dist Ranipet), Zone 08 Anna Nagar (dist Chennai), Chembarabakkam_REV (dist Tiruvallur), Nagapattinam AWS (dist Nagapattinam), Tarangambadi (dist Mayiladuthurai), Annavasal (dist Pudukkottai), Valasaravakkam (dist Chennai), Zone 10 Kodambakkam (dist Chennai), Ponneri (dist Tiruvallur), Thiruthuraiipoondi (dist Thiruvarur), Zone 09 Teynampet (dist Chennai) 3 each; Pullambadi (dist Thiruchirappalli), Kodayakarai (dist Nagapattinam), Arani (dist Tiruvannamalai), Anaippalayam (dist Karur), Tiruchirappalli Town (dist Thiruchirappalli), Navalur Kottapattu (dist Thiruchirappalli), Chembarambakkam ARG (dist Tiruvallur), Pamban (dist Ramanathapuram), Kamatchipuram (dist Dindigul), Aravakurichi (dist Karur), Thirukuvalai (dist Nagapattinam), Budalur (dist Thanjavur), Karur (dist Karur), Kalia (dist Kanyakumari), Ayyampettai (dist Thanjavur), Kollidam (dist Mayiladuthurai), Pambar Dam (dist Krishnagiri), Chennai(N) AWS (dist Chennai), Tiruvarur (dist Thiruvarur), Red Hills (dist Tiruvallur), MGR Nagar (dist Chennai), Zone 05 GCC (dist Chennai), Zone 12 D156 Mugalivakkam (dist Chennai), Chennai (N) (dist Chennai), DGP Office (dist Chennai), Mayiladuthurai (dist Mayiladuthurai), LMOIS Kolapakkam ARG (dist Chengalpattu), Cholavaram (dist Tiruvallur), Adiramapattinam (dist Thanjavur) 2 each; Erode PTO (dist Erode), Mettupalayam (dist Coimbatore), Kundrathur (dist Kancheepuram), sairam Institution ARG (dist Chengalpattu), Thangachimadam (dist Ramanathapuram), Thogamalai (dist Karur), Zone 12 Alandhur (dist Chennai), Kodambakkam (dist Chennai), Keeranur (dist Pudukkottai), Thanjai Papanasam (dist Thanjavur), Koratur (dist Tiruvallur), YMCA Nandnam ARG (dist Chennai), Tiruchirappalli Junction (dist Thiruchirappalli), Coonoor PTO (dist The Nilgiris), Gummidipoondi (dist Tiruvallur), Zone 10 Ice House (dist Chennai), Zone 12 Meenambakkam (dist Chennai), Kaveripakkam (dist Ranipet), Coonoor AWS (dist The Nilgiris), Manalmedu ARG (dist Mayiladuthurai), Chennai (AP) (dist Chennai), Vedaranyam (dist Nagapattinam), Thiruvalangadu (dist Tiruvallur), Poonamallee (dist Tiruvallur), Manjalaru (dist Thanjavur), Alandur (dist Chennai), Vamban KVK AWS (dist Pudukkottai), Anna University (dist Chennai), Manalmedu (dist Mayiladuthurai), Grand Anaicut (dist Thanjavur), Meenambakkam AWS (dist Chennai), Thathiengrpet (dist Thiruchirappalli), Neyyoor AWS (dist Kanyakumari), Ranipet AWS (dist Ranipet),

Walajabad (dist Kancheepuram), Zone 14 Perungudi (dist Chennai), Kovilpatty (dist Thiruchirappalli), Kil Kotagiri Estate (dist The Nilgiris), Thirupathisaram AWS (dist Kanyakumari), Kancheepuram (dist Kancheepuram), Tiruvallur (dist Tiruvallur), Cheyyar (dist Tiruvannamalai), Arakonam (dist Ranipet), Ponnai Dam (dist Vellore), Madukkur (dist Thanjavur), Teynampet (dist Chennai), Lalgudi (dist Thiruchirappalli), Aduthurai AWS (dist Thanjavur), Anna University ARG (dist Chennai), Thanjavur (dist Thanjavur), Mulanur (dist Tiruppur), Uthangarai (dist Krishnagiri), Panapakkam (dist Ranipet) 1 each.

09.11.24 : Adayamadai (dist Kanyakumari), Thuckalay (dist Kanyakumari), Kozhiporvilai (dist Kanyakumari), Kodiacarakai (dist Nagapattinam) 9 each, Kurunthancode (dist Kanyakumari), Balamore (dist Kanyakumari), Mannargudi (dist Thiruvarur), Tiruvarur (dist Thiruvarur), Eraniel (dist Kanyakumari) 6 each, Sivalogam(Chittar II) (dist Kanyakumari), Mullanginavillai (dist Kanyakumari), Orthanad (dist Thanjavur), Needamangalam (dist Thiruvarur), Ayinkudi (dist Pudukkottai) 5 each, Vettikadu (dist Thanjavur), Kilanilai (dist Pudukkottai), Thirparappu (dist Kanyakumari), Mylaudy (dist Kanyakumari) 4 each, Suralacode (dist Kanyakumari), Tuticorin (dist Thoothukudi), Neyyoor AWS (dist Kanyakumari), Madukkur (dist Thanjavur), Colachel (dist Kanyakumari), Thalaignayer (dist Nagapattinam), Mambzhathuraiyaru (dist Kanyakumari), Anaikedanku (dist Kanyakumari), Oothu (dist Tirunelveli), Thiruthuraipoondi (dist Thiruvarur), Arantangi (dist Pudukkottai), Karambakudi (dist Pudukkottai), Kuzhithurai (dist Kanyakumari), Peravurani (dist Thanjavur), Nalumukku (dist Tirunelveli), Tirupathur (dist Sivagangai), Vedaranyam (dist Nagapattinam), Perunchani Dam (dist Kanyakumari) 3 each, Tirupoondi (dist Nagapattinam), Puthan Dam (dist Kanyakumari), Kakkachi (dist Tirunelveli), Kalial (dist Kanyakumari), Echanviduthi (dist Thanjavur), Arimalam (dist Pudukkottai), Sethu Bhaskar Agri College AWS (dist Sivagangai), Zone 15 Uthandi (dist Chennai), Rameswaram (dist Ramanathapuram), Manjolai (dist Tirunelveli), Mandapam (dist Ramanathapuram), Sivaganga (dist Sivagangai), Tirumayam (dist Pudukkottai), Pandavaiyar Head (dist Thiruvarur), Neivasal Thenpathi (dist Thanjavur) 2 each, Annavasal (dist Pudukkottai), Illuppur (dist Pudukkottai), Karaikudi (dist Sivagangai), Sembanarkoil PWD (dist Mayiladuthurai), Nagudi (dist Pudukkottai), Kayalpattinam (dist Thoothukudi), Pattukottai (dist Thanjavur), Pamban (dist Ramanathapuram), Kulasekarapattinam (dist Thoothukudi), Pechiparai (dist Kanyakumari), Nagapattinam (dist Nagapattinam), Thirukuvalai (dist Nagapattinam), Thangachimadam (dist Ramanathapuram), Maduranthagam (dist Chengalpattu), Karaiyur (dist Pudukkottai), Keeranur (dist Pudukkottai), Ennore AWS (dist Tiruvallur), Ponnamaravathi (dist Pudukkottai), Nagercoil (dist Kanyakumari),

Ariyalur Camp Area (dist Kallakurichi), Alangudi (dist Pudukkottai), Kannimar (dist Kanyakumari), Vamban KVK AWS (dist Pudukkottai), Chittar-I (dist Kanyakumari), Zone 13 Adyar Eco Park (dist Chennai), Velankanni (dist Nagapattinam), Mukkadal Dam (dist Kanyakumari), Kodavasal (dist Thiruvarur), Singampunari (dist Sivagangai), KCS Mill-1 Ariyalur (dist Kallakurichi), RSCL-2 Kedar (dist Villupuram), Satyabama Uty ARG (dist Chengalpattu), Devakottai (dist Sivagangai), Sattur (dist Virudhunagar), Kamudhi (dist Ramanathapuram), Kudimiyanmalai (dist Pudukkottai) 1 each.

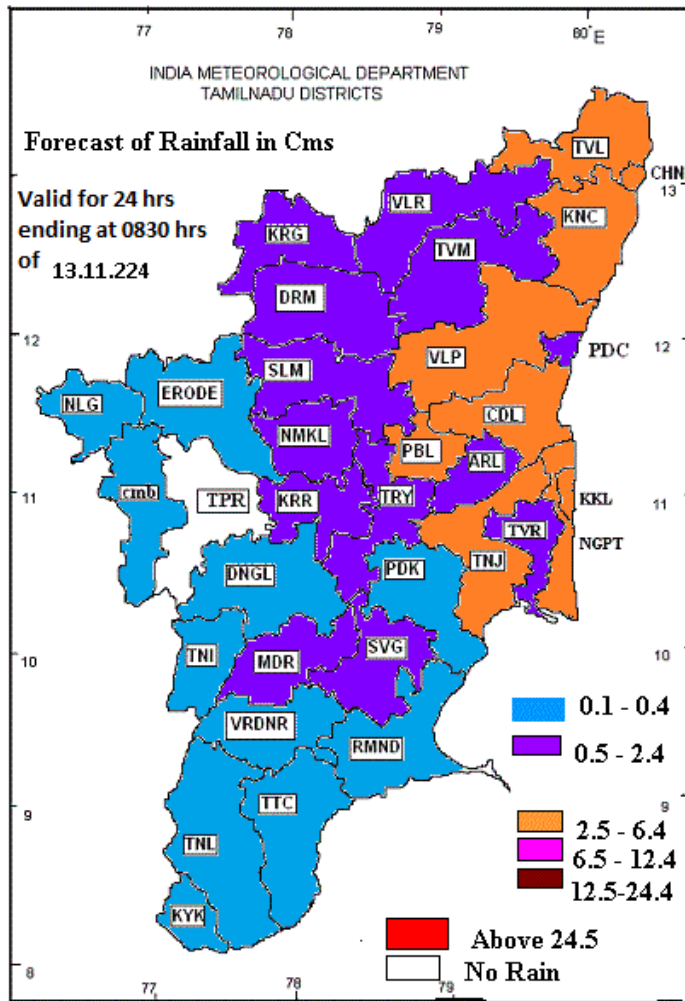
10.11.24: Velankanni (dist Nagapattinam), Kurunthancode (dist Kanyakumari), Veppanthattai (dist Perambalur) 2 each, Zone 03 Puzhal (dist Chennai), Thaluthalai (dist Perambalur), Vedaranyam (dist Nagapattinam), Zone 07 Ambattur (dist Chennai), Poonamallee (dist Tiruvallur), Eraniel (dist Kanyakumari), Agaram Seegoor (dist Perambalur), Tirupoondi (dist Nagapattinam), Gummidipoondi (dist Tiruvallur), Zone 07 U18 D81 Vanagaram (dist Chennai) 1 each.

11.11.24: Budalur (dist Thanjavur) 2, Tirukattupalli (dist Thanjavur), Thathiengrpet (dist Thiruchirappalli), Veeraganoor (dist Salem) 1 each.

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 12.11.24
VALID FOR THE NEXT 5 DAYS**

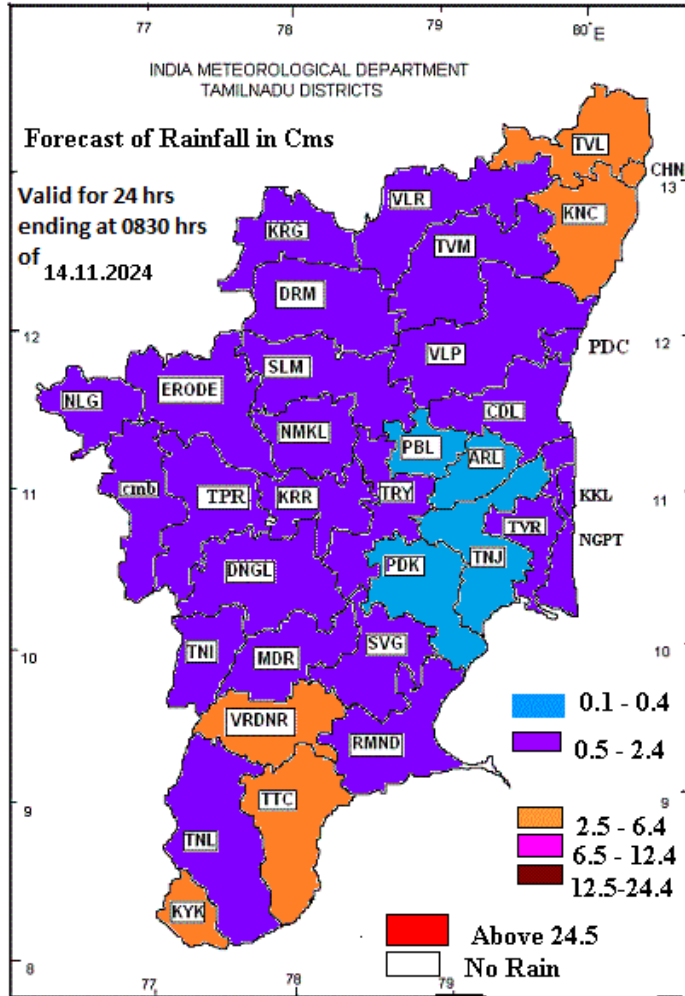


**INDIA METEOROLOGICAL DEPARTMENT
REGIONAL METEOROLOGICAL CENTRE, CHENNAI**



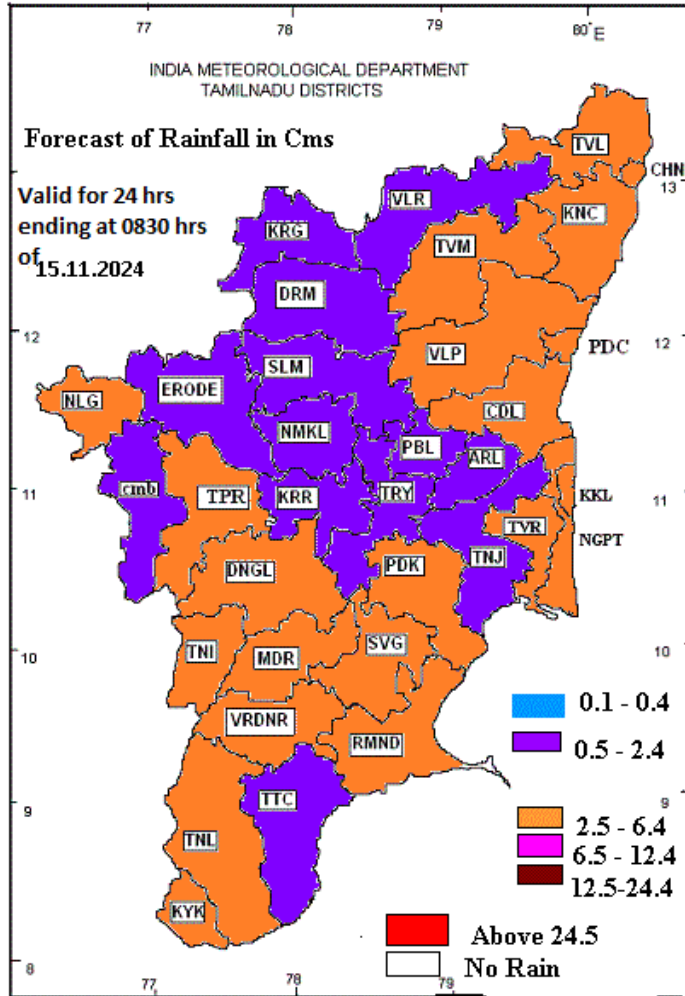


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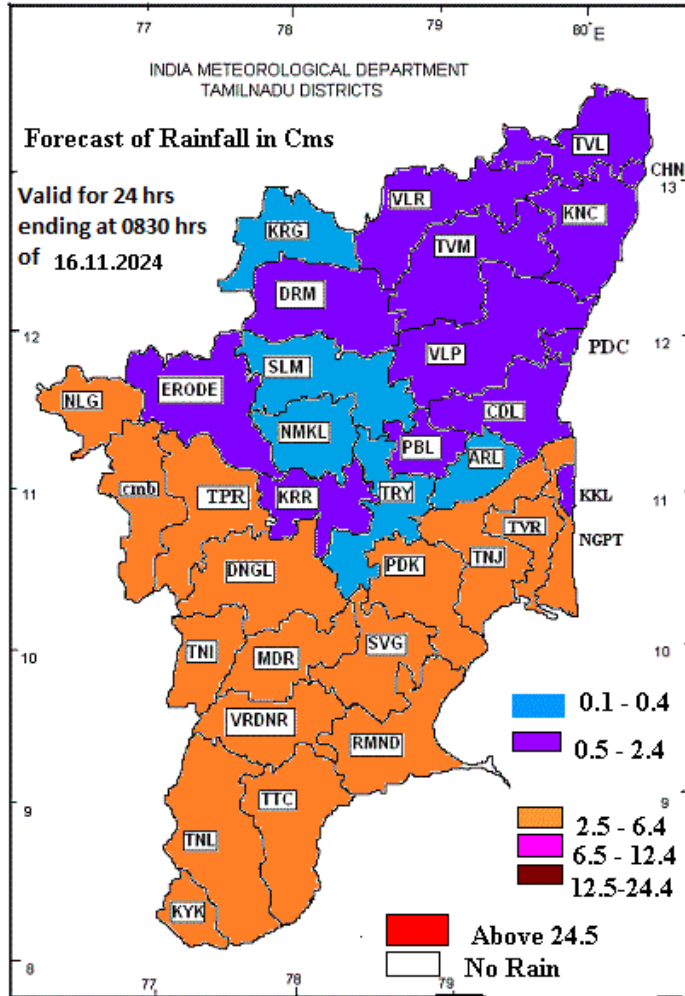


INDIA METEOROLOGICAL DEPARTMENT
REGIONAL METEOROLOGICAL CENTRE, CHENNAI



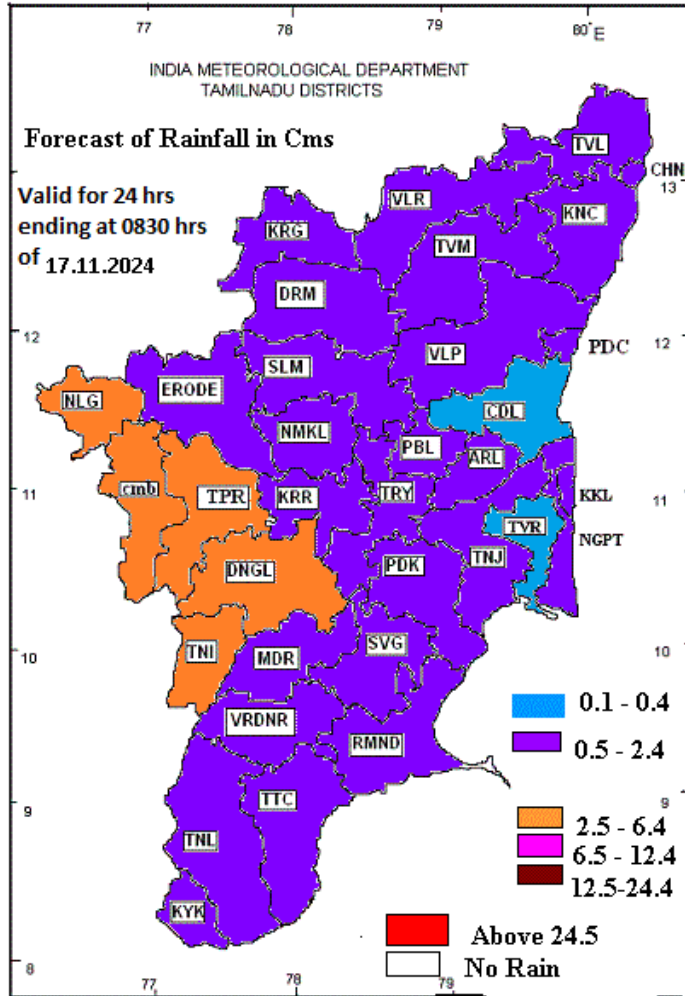


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District-wise Agromet Advisories

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

SMS Advisory:

(13.11.2024-15.11.2024) Heavy rain is likely to occur at isolated places over Chennai, Tiruvallur, Kancheepuram, Chengalpattu, Ranipet, Tiruvannamalai, Cuddalore, Kallakurichi and Villupuram districts of Tamil Nadu.

Livestock Advisory:

To avoid calves drenching under rain the enclosures could be provided with temporary rainbarrier or ordinary gunny bags could be hung to protect them.

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

The feed soiled water must be disposed off to prevent aflotoxicosis or they must be completely dried to wet free

Since this rainy season is conducive for occurrence of Coccidiosis in rabbit colonies strict biosecurity should be implicated.

To prevent the ammonia accumulation there must be in the pig house, good ventilation

Since stagnated water may predispose to water borne diseases, care must be exercised to clean and disinfect them.

To avoid pneumonia in calves and kids prevent them from drenching in rain water

Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.

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:

Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpone irrigation.

Farmers are advised provide adequate drainage facilities and drain the stagnant rain and flood water in the rice field and provide aeration to the roots. Submerged paddy crops will be affected by nutrition deficiency so farmers are advised to apply 50 kg of ammonium sulphate or 42 kg of ammonium chloride / acre (or) apply 22 kg of urea + 18 kg of gypsum + 4 kg of neem cake per acre allow to soak overnight and 17 Kg of potash should be mixed while spraying next day.

Due to continuous rainfall leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours. (Spray after rainfall)

Due to prevailing weather conditions gall midge infestation is found in paddy crop. To control spray chlorpyrifos 20% EC 500 ml/ac or phosalone 35 EC 600 ml/ac. (Spray after rainfall) Due to prevailing weather condition blast infection was observed in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre at morning or evening time. (Spray after rainfall)

Groundnut:

Provide drainage for the groundnut field.

Continuous rainfall will be expected forthcoming days, so farmers are advised to avoid groundnut sowing. Provide proper drainage for sown areas. After rainfall groundnut 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.

Turmeric:

To ensure the drainage facility for avoiding rhizome rot disease in turmeric field.

Coconut:

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

Banana:

High wind speed (>10 kmph) is expected on forthcoming days, so prop up 5 month old banana trees.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall is expected on next 5 days and the wind speed is expected to be around 4 – 12 kmph in Western zone districts. Since rainfall is continuing, postpone the irrigation based on soil moisture. Avoid water stagnation to prevent soil borne diseases.
Rice	Planting & Vegetative	Since weather conditions are favourable for blast incidence in rice farmers are requested to monitor the crop carefully and spray during non-rainy days with Azoxtrobin 16.7% + Tricyclazole 33.30% sc @ 1ml/ litre water. Provide proper drainage facilities. Present condition favorable for BPH attack, spray Imidacloprid SC @ 0.3ml / liter of water.
Blackgram Greengram	Vegetative	The standing green gram and black gram would grow with tendrils as a result of excess soil moisture. Clip the tendrils or top the crop. The warm humid condition favour premature shedding of floral parts and young bolls.
Cotton	Flowering	The warm humid condition favour premature shedding of floral parts and young bolls. Provide drainage to 60 days old cotton to prevent flower drop. Spray TNAU cotton plus @2.5 kg /ac during rainless period to arrest flower drop in cotton due to high soil moisture. Avoid water stagnation to prevent wilt disease. Soil application of <i>Trichoderma viride</i> +250 kg of FYM may be applied.
Gourds	Flowering	Prevailing continues rainfall is favourable for the vegetative growth in gourds at the time flowering. Hence application of ethrel @ 100ppm for all gourds (200ppm for ribbed gourds) is recommended after the rain to get more female flowers and fruit set. Two spray may be scheduled at week interval. To prevent downy mildew disease, spray Metiram 55% + Pyroclostrobin 5% WG @ 3gram liter. Install cucurbits fruit fly @ 4/ acre.

Turmeric	Rhizome development	Turmeric is at bulking stage, which is critical for both moisture stress and excess water. Hence, provide adequate drainage to avoid excess moisture. Prevailing weather condition favour for leaf blotch, & leaf spot disease, spray Azoxystrobin 18.2 % + Difenoconazole 11.4% W/W SC @ 1ml / lit of water after rain. Due to continuous rain, rhizome rot may occur drench the plant with metalaxyl 4%+ mancozeb 64% WP @ 0.25%
Animal Husbandry		During rainy days to avoid mastitis infection in dairy animals, before and after milking wash the udder with potassium permanganate solution. Regularly clean the animal sheds with disinfectants.

SMS advisory:

Spray Azoxystrobin 10% + Fipronil 5% SC @ 2 ml/ lit to manage rice pest and disease.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall is expected on next 5 days and the wind speed is expected to be around 4 – 12 kmph in Western zone districts. Since rainfall is continuing, postpone the irrigation based on soil moisture. Avoid water stagnation to prevent soil borne diseases.
Rice	Planting & Vegetative	Since weather conditions are favourable for blast incidence in rice farmers are requested to monitor the crop carefully and spray during non-rainy days with Azoxtrobin 16.7% + Tricyclazole 33.30% sc @ 1ml/ litre water. Provide proper drainage facilities. Present condition favorable for BPH attack, spray Imidacloprid SC @ 0.3ml / liter of water.
Blackgram Greengram	Vegetative	The standing green gram and black gram would grow with tendrils as a result of excess soil moisture. Clip the tendrils or top the crop. The warm humid condition favour premature shedding of floral parts and young bolls.
Cotton	Flowering	The warm humid condition favour premature shedding of floral parts and young bolls. Provide drainage to 60 days old cotton to prevent flower drop. Spray TNAU cotton plus @2.5 kg /ac during rainless period to arrest flower drop in cotton due to high soil moisture. Avoid water stagnation to prevent wilt disease. Soil application of Trichoderma viride +250 kg of FYM may be applied.
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Turmeric	Rhizome development	Turmeric is at bulking stage, which is critical for both moisture stress and excess water. Hence, provide adequate drainage to avoid excess moisture. Prevailing weather condition favour for leaf blotch, & leaf spot disease, spray Azoxystrobin 18.2 % + Difenoconazole 11.4% W/W SC @ 1ml / lit of water after rain. Due to continuous rain, rhizome rot may occur drench the plant with metalaxyl 4%+ mancozeb 64% WP @ 0.25%
Animal Husbandry		During rainy days to avoid mastitis infection in dairy animals, before and after milking wash the udder with potassium permanganate solution. Regularly clean the animal sheds with disinfectants.

SMS advisory:

Spray Azoxystrobin 10% + Fipronil 5% SC @ 2 ml/ lit to manage rice pest and disease.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall is expected on next 5 days and the wind speed is expected to be around 4 – 12 kmph in Western zone districts. Since rainfall is continuing, postpone the irrigation based on soil moisture. Avoid water stagnation to prevent soil borne diseases.
Rice	Planting & Vegetative	Since weather conditions are favourable for blast incidence in rice farmers are requested to monitor the crop carefully and spray during non-rainy days with Azoxtrobin 16.7% + Tricyclazole 33.30% sc @ 1ml/ litre water. Provide proper drainage facilities. Present condition favorable for BPH attack, spray Imidacloprid SC @ 0.3ml / liter of water.
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Cotton	Flowering	The warm humid condition favour premature shedding of floral parts and young bolls. Provide drainage to 60 days old cotton to prevent flower drop. Spray TNAU cotton plus @2.5 kg /ac during rainless period to arrest flower drop in cotton due to high soil moisture. Avoid water stagnation to prevent wilt disease. Soil application of Trichoderma viride +250 kg of FYM may be applied.
Animal Husbandry		During rainy days to avoid mastitis infection in dairy animals, before and after milking wash the udder with potassium permanganate solution. Regularly clean the animal sheds with disinfectants.

SMS advisory:

Spray Azoxystrobin 10% + Fipronil 5% SC @ 2 ml/ lit to manage rice pest and disease.

Nilgiris

General Advisory: 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.

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

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CARROT	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.
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
Horticulture (Stage)	Horticulture Specific Advisory
	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
CHILLI	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/litreof water using hand sprayer during the rain free period.

Dindigul

SMS Advisory	Chances of Moderate rain during 14, 15, 16 & 17 Nov. Maximum temperature would be in the range of 31°C to 35°C and the minimum temperature would be between 20°C - 23°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6-8 Kmph from, Northeast, Southeast & East directions.
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General Advisory:

Extended range Forecast for next week (15th to 21st November 2024):

Rainfall:

As per extended range predictions, there is possibility of above normal rainfall likely over the district during 15th to 21st November 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 26°C to 28°C over the plains of the district during next week. 15th to 21st November 2024.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 18°C to 22°C over the district during next week 15th to 21st November 2024.

Madurai

SMS Advisory	Chances of Moderate rain during 13, 14, 15, 16 & 17 Nov. Maximum temperature would be in the range of 31°C to 35°C and the minimum temperature would be between 19°C - 23°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6-8 Kmph from, Northeast direction.
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General Advisory:

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Rainfall:

As per extended range predictions, there is possibility of above normal rainfall likely over the district during 15th to 21st November 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 26°C to 28°C over the plains of the district during next week. 15th to 21st November 2024.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 18°C to 22°C over the district during next week 15th to 21st November 2024.

Pudukottai

SMS Advisory	Chances of light rain on 13, 14 Nov & Moderate rain during 15, 16, 17 Nov. Maximum temperature would be in the range of 28°C to 33°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 10 –14 Kmph from, Northeast direction.
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General Advisory:

Extended range Forecast for next week (15th to 21st November 2024):

Rainfall:

As per extended range predictions, there is possibility of above normal rainfall likely over the district during 15th to 21st November 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 15th to 21st November 2024.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 22°C to 26°C over the district during next week 15th to 21st November 2024.

Ramanathapuram

SMS Advisory	Chances of Moderate rain during 14, 15, 16 & 17 Nov. Maximum temperature would be in the range of 29°C to 34°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 10-12 Kmph from, Northeast, Southeast & East directions.
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General Advisory:

Extended range Forecast for next week (15th to 21st November 2024):

Rainfall:

As per extended range predictions, there is possibility of above normal rainfall likely over the district during 15th to 21st November 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 15th to 21st November 2024.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 22°C to 26°C over the district during next week 15th to 21st November 2024.

Sivagangai

SMS Advisory	Chances of light rain on 13 Nov & Moderate rain during 14, 15, 16, 17 Nov. Maximum temperature would be in the range of 31°C to 35°C and the minimum temperature would be between 20°C - 23°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10 –14 Kmph from, Northeast direction.
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General Advisory:

Extended range Forecast for next week (15th to 21st November 2024):

Rainfall:

As per extended range predictions, there is possibility of above normal rainfall likely over the district during 15th to 21st November 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 26°C to 28°C over the plains of the district during next week. 15th to 21st November 2024.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 18°C to 22°C over the district during next week 15^h to 21st November 2024.

Theni

SMS Advisory	Chances of Moderate rain during 14, 15, 16 & 17 Nov. Maximum temperature would be in the range of 27°C to 30°C and the minimum temperature would be between 17°C - 20°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 4-6 Kmph from, Northeast & East directions.
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General Advisory:

Extended range Forecast for next week (15th to 21st November 2024):

Rainfall:

As per extended range predictions, there is possibility of above normal rainfall likely over the district during 15th to 21st November 2024.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 26°C to 28°C over the plains of the district during next week. 15th to 21st November 2024.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 18°C to 22°C over the district during next week 15th to 21st November 2024.

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Horticultural crops	Young plants	As rainfall is expected, proper drainage facilities should be given to young rubber, banana and fruit trees.
2.	Coconut	All stages	Provide the proper drainage in coconut field to avoid fungus root damage.
3.	Rubber	Tapping Stage	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.
4.	Banana	Harvesting stage	Harvested banana bunches should be stored in dry places to prevent disease incidence due to rainfall.
5.	Tapioca	All stages	Drainage facilities have to be provided to prevent water logging as it invites pathogens.

SMS Advisory

Do not allow the animals for grazing outside, standing near the trees or electric poles. Provide adequate dry feed/fodder and cool drinking water.

Salem

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Dogs	General	<p>In Tamil Nadu, more number of canine distemper is reported in dogs during winter season (November to January). Dogs of all age groups are susceptible to this disease but puppies of less than six months are commonly affected. Eighty eight per cent of the canine distemper cases are being reported in dogs not unvaccinated against this disease. Fever, inappetance, vomiting, haemorrhagic diarrhoea, thick mucus like discharge from eyes and nose, seizures, not able to bear weight on limbs are the common clinical signs seen in dogs affected with canine distemper. Treatment of dogs showing nervous signs mainly seizures usually not successful. Hence, vaccination of dogs against canine distemper is the best method for prevention of this disease.</p> <p>As a first step in disease prevention, the puppies should be weaned only at their one and half month (45th day) age. Before weaning, puppies should be vaccinated at 42nd days of age with combined vaccine against canine parvovirus, canine</p>

		distemper, leptospirosis, infectious canine hepatitis and canine para-influenza. Followed by two booster vaccines should be given at an interval of 21 days. Annual booster vaccination should be given every year preferably before March month. Puppies should be dewormed before vaccination as per the recommendation of veterinarian.
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Tapioca	Vegetative stage	Due to frequent rains, root rot disease was reported in Tapioca. To prevent this, provide drainage facilities in the cotton cultivated fields. Also, soil drenching of bioagents <i>Bacillus subtilis</i> + <i>Trichoderma viride</i> each 5 gram / litre of water may be undertaken two times in 7 days interval to control the incidence.
Cotton	Vegetative stage	Due to current weather condition sucking pest incidence was noticed in 50 – 70 days old cotton crop. To control this, foliar spraying of Thiamethoxam 25 WG 2 gram / 10 litre of water or Imidacloprid 17.8 SL 3 ml / 10 liter of water may be undertaken.
Small Onion	Vegetative stage	Small onion growers are requested to apply each 4 kg of <i>Trichoderma viride</i> , <i>Bacillus subtilis</i> and VAM along with 200 kg of FYM in the root region of onion plant for an acre of land at 20 days interval up to 2 months after planting to improve the plant growth and prevent the basal rot incidence in small onion.

Namakkal

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Dogs	General	<p>In Tamil Nadu, more number of canine distemper is reported in dogs during winter season (November to January). Dogs of all age groups are susceptible to this disease but puppies of less than six months are commonly affected. Eighty eight per cent of the canine distemper cases are being reported in dogs not unvaccinated against this disease. Fever, inappetance, vomiting, haemorrhagic diarrhoea, thick mucus like discharge from eyes and nose, seizures, not able to bear weight on limbs are the common clinical signs seen in dogs affected with canine distemper. Treatment of dogs showing nervous signs mainly seizures usually not successful. Hence, vaccination of dogs against canine distemper is the best method for prevention of this disease.</p> <p>As a first step in disease prevention, the puppies should be weaned only at their one and half month (45th day) age. Before weaning, puppies should be vaccinated at 42nd days of age with combined vaccine against canine parvovirus, canine distemper, leptospirosis, infectious canine hepatitis and canine para-influenza. Followed by two booster vaccines should be given at an interval of 21 days. Annual booster vaccination should be given every year preferably before March month. Puppies should be dewormed before vaccination as per the recommendation of veterinarian.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Tapioca	Vegetative stage	Due to frequent rains, root rot disease was reported in Tapioca. To prevent this, provide drainage facilities in the cotton cultivated fields. Also, soil drenching of bioagents <i>Bacillus subtilis</i> + <i>Trichoderma viride</i> each 5 gram / litre of water may be undertaken two times in 7 days interval to control the incidence.

Cotton	Vegetative stage	Due to current weather condition sucking pest incidence was noticed in 50 – 70 days old cotton crop. To control this, foliar spraying of Thiamethoxam 25 WG 2 gram / 10 litre of water or Imidacloprid 17.8 SL 3 ml / 10 liter of water may be undertaken.
Small Onion	Vegetative stage	Small onion growers are requested to apply each 4 kg of <i>Trichoderma viride</i> , <i>Bacillus subtilis</i> and VAM along with 200 kg of FYM in the root region of onion plant for an acre of land at 20 days interval up to 2 months after planting to improve the plant growth and prevent the basal rot incidence in small onion.

Dharmapuri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Dogs	General	<p>In Tamil Nadu, more number of canine distemper is reported in dogs during winter season (November to January). Dogs of all age groups are susceptible to this disease but puppies of less than six months are commonly affected. Eighty eight per cent of the canine distemper cases are being reported in dogs not unvaccinated against this disease. Fever, inappetance, vomiting, haemorrhagic diarrhoea, thick mucus like discharge from eyes and nose, seizures, not able to bear weight on limbs are the common clinical signs seen in dogs affected with canine distemper. Treatment of dogs showing nervous signs mainly seizures usually not successful. Hence, vaccination of dogs against canine distemper is the best method for prevention of this disease.</p> <p>As a first step in disease prevention, the puppies should be weaned only at their one and half month (45th day) age. Before weaning, puppies should be vaccinated at 42nd days of age with combined vaccine against canine parvovirus, canine distemper, leptospirosis, infectious canine hepatitis and canine para-influenza. Followed by two booster vaccines should be given at an interval of 21 days. Annual booster vaccination should be given every year preferably before March month. Puppies should be dewormed before vaccination as per the recommendation of veterinarian.</p>

Agro advisory from Krishi Vigyan Kendra, Namakkal

Tapioca	Vegetative stage	Due to frequent rains, root rot disease was reported in Tapioca. To prevent this, provide drainage facilities in the cotton cultivated fields. Also, soil drenching of bioagents <i>Bacillus subtilis</i> + <i>Trichoderma viride</i> each 5 gram / litre of water may be undertaken two times in 7 days interval to control the incidence.
Cotton	Vegetative stage	Due to current weather condition sucking pest incidence was noticed in 50 – 70 days old cotton crop. To control this, foliar spraying of Thiamethoxam 25 WG 2 gram / 10 litre of water or Imidacloprid 17.8 SL 3 ml / 10 liter of water may be undertaken.
Small Onion	Vegetative stage	Small onion growers are requested to apply each 4 kg of <i>Trichoderma viride</i> , <i>Bacillus subtilis</i> and VAM along with 200 kg of FYM in the root region of onion plant for an acre of land at 20 days interval up to 2 months after planting to improve the plant growth and prevent the basal rot incidence in small onion.


Krishnagiri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Dogs	General	<p>In Tamil Nadu, more number of canine distemper is reported in dogs during winter season (November to January). Dogs of all age groups are susceptible to this disease but puppies of less than six months are commonly affected. Eighty eight per cent of the canine distemper cases are being reported in dogs not unvaccinated against this disease. Fever, inappetance, vomiting, haemorrhagic diarrhoea, thick mucus like discharge from eyes and nose, seizures, not able to bear weight on limbs are the common clinical signs seen in dogs affected with canine distemper. Treatment of dogs showing nervous signs mainly seizures usually not successful. Hence, vaccination of dogs against canine distemper is the best method for prevention of this disease.</p> <p>As a first step in disease prevention, the puppies should be weaned only at their one and half month (45th day) age. Before weaning, puppies should be vaccinated at 42nd days of age with combined vaccine against canine parvovirus, canine distemper, leptospirosis, infectious canine hepatitis and canine para-influenza. Followed by two booster vaccines should be given at an interval of 21 days. Annual booster vaccination should be given every year preferably before March month. Puppies should be dewormed before vaccination as per the recommendation of veterinarian.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Tapioca	Vegetative stage	Due to frequent rains, root rot disease was reported in Tapioca. To prevent this, provide drainage facilities in the cotton cultivated fields. Also, soil drenching of bioagents <i>Bacillus subtilis</i> + <i>Trichoderma viride</i> each 5 gram / litre of water may be undertaken two times in 7 days interval to control the incidence.
Cotton	Vegetative stage	Due to current weather condition sucking pest incidence was noticed in 50 – 70 days old cotton crop. To control this, foliar spraying of Thiamethoxam 25 WG 2 gram / 10 litre of water or Imidacloprid 17.8 SL 3 ml / 10 liter of water may be undertaken.
Small Onion	Vegetative stage	Small onion growers are requested to apply each 4 kg of <i>Trichoderma viride</i> , <i>Bacillus subtilis</i> and VAM along with 200 kg of FYM in the root region of onion plant for an acre of land at 20 days interval up to 2 months after planting to improve the plant growth and prevent the basal rot incidence in small onion.

Karaikal


Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
<p>The prevailing weather conditions are favourable for the incidence of following insects. If severe infestation is noticed respective control measures may be taken.</p>		
Rice	Weed management	<p>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.</p>
Rice	Hispa beetle	<p>Symptoms of hispa beetle infestation</p>  <p style="text-align: center;"> Leaf with parallel white streaks Leaf with blister Grub Adult </p> <p>To control hispa beetles in rice, spray cartapHydrochloride 50 % SP 1000 g/ha.</p>
Rice	Rice stem borer	<p>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.</p>
Cattle	Hemorrhagic septicaemia	<p>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.</p>
	Theileriosis	<p>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 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.</p>

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

Puducherry

Agro Advisory

Crop	Stage/ Particulars	Agro Advisory
<p>The prevailing weather conditions are favourable for the incidence of following insects. If severe infestation is noticed respective control measures may be taken.</p>		
Rice	Hispa beetle	<p>Symptoms of hispa beetle infestation</p>  <p style="text-align: center;"> Leaf with parallel white streaks Leaf with blister Grub Adult </p> <p>To control hispa beetles in rice, spray cartapHydrochloride 50 % SP 1000 g/ha.</p>
Rice	Tillering stage	<p>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.</p>
Sugarcane	Vegetative stage	<p>In Sugarcane, to manage mealy bug, spray Methyl Parathion 50 EC @ 2ml/l.</p>
Pumpkin	Pumpkin beetle	<p>To control Pumpkin beetle, spray malathion 50 EC @ 500 ml/ha or Methyl dematon 25 EC @ 500 ml/ha</p>
Guava	Mealy bug	<p>To control mealy bug in guava, apply azadirachtin 0.03 % WSP 2500-5000 g/ha</p>
Cattle	Hemorrhagic septicaemia	<p>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 .</p>
	Theileriosis	<p>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 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.</p>

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

