



तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श
बुलेटिन



**State Composite Agro-meteorological Advisory
Bulletin for Tamil Nadu and Puducherry
Bulletin No. 103/2024**

For the period 0830 IST, 24th December 2024 to
0830 IST, 29th December 2024

Issued on Tuesday, 24th December 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 20.12.24 to 23.12.24 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 20°C – 28°C during the period.

Minimum temperature of range 19°C - 22°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 05°C - 11°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) | - | |
| Isolated (One or Two Places) | 20.12.2024, 21.12.2024, 22.12.2024 and 23.12.2024 | 20.12.2024 |
| Dry | - | 21.12.2024, 22.12.2024 and 23.12.2024 |

Chief Amounts of Rainfall (in cms):-

20.12.24: Needamangalam (dist Thiruvarur) 7, Tiruvarur AWS (dist Thiruvarur) 6, Kallandri (dist Madurai), Ennore AWS (dist Tiruvallur), Thirukuvalai (dist Nagapattinam) 5 each, Pulipatti (dist Madurai) 4, Mannargudi (dist Thiruvarur), Thiruthuraipoondi (dist Thiruvarur), Thalaignayer (dist Nagapattinam), Zone 01 Kathivakkam (dist Chennai), Kodavasal (dist Thiruvarur), Thaniamangalam (dist Madurai), Mettupatti (dist Madurai), Melur (dist Madurai) 3 each, Sattur (dist Virudhunagar), Tirupoondi (dist Nagapattinam), Zone 03 Madhavaram (dist Chennai), Tiruvarur (dist Thiruvarur), Velankanni (dist Nagapattinam), Pandavaiyar Head (dist Thiruvarur), Gummidipoondi (dist Tiruvallur), Ponneri (dist Tiruvallur), Zone 03 Puzhal (dist Chennai), Thuraiyur (dist Thiruchirappalli), Nannilam (dist Thiruvarur), Puzhal ARG (dist Tiruvallur), Perambur (dist Chennai), Zone 06 Perambur (dist Chennai) 2 each, Neivasal Thenpathi (dist Thanjavur), Puduchatram (dist Namakkal), Kovilpatti AWS (dist Thoothukudi), Old Taluk Office

Srivaikuntam (dist Thoothukudi), Zone 02 Manali (dist Chennai), Moolaikaraipatti (dist Tirunelveli), Eraniel (dist Kanyakumari), Zone 05 Basin bridge (dist Chennai), CD Hospital Tondiarpet (dist Chennai), Zone 06 Kolathur (dist Chennai), Zone 02 Manali New Town (dist Chennai), Chennai Collector Office (dist Chennai), Vembakottai (dist Virudhunagar), Chittampatti (dist Madurai), Tiruttani (dist Tiruvallur), Uttamapalayam (dist Theni), Zone 01 Thiruvottiyur (dist Chennai), Cholavaram (dist Tiruvallur), Valangaiman (dist Thiruvarur), Ayanavaram Taluk Office (dist Chennai), Mambzhathuraiyaru (dist Kanyakumari), Zone 05 Chennai central (dist Chennai), Thiruvalangadu (dist Tiruvallur), Tiruvaiyaru (dist Thanjavur), Musiri (dist Thiruchirappalli), Anaikedanku (dist Kanyakumari) 1 each.

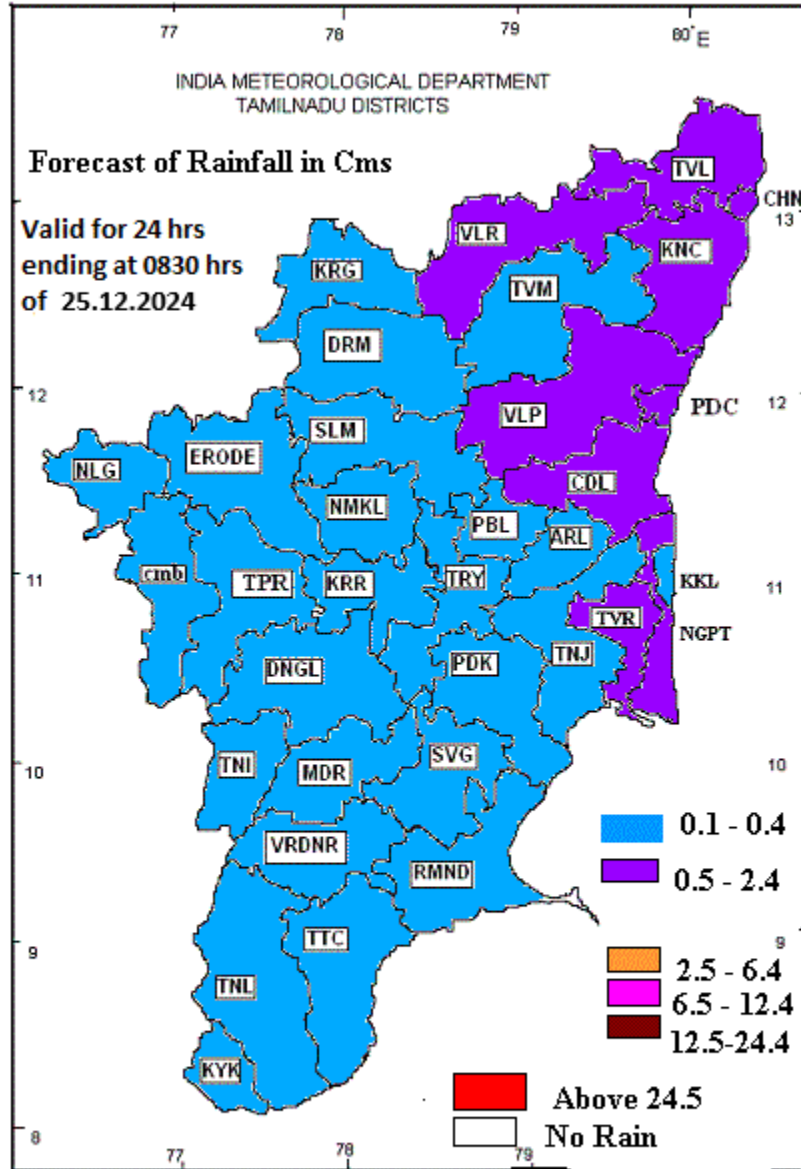
21.12.24: Sandhiyur KVK AWS (dist Salem) 8, Kodumudiyaru Dam (dist Tirunelveli), Balamore (dist Kanyakumari), Oothu (dist Tirunelveli), Nandhiyar Head (dist Thiruchirappalli) 7 each, Sirugamani KVK AWS (dist Thiruchirappalli), Vathalai Anaicut (dist Thiruchirappalli), Valangaiman (dist Thiruvarur) 6 each, Nalumukku (dist Tirunelveli), Tiruvarur (dist Thiruvarur), Andipatti (dist Madurai), Mayanoor (dist Karur), Pullambadi (dist Thiruchirappalli) 5 each, Kakkachi (dist Tirunelveli), Kallakudi (dist Thiruchirappalli) 4 each, Budalur (dist Thanjavur), Tirukattupalli (dist Thanjavur), Krishnarayapuram (dist Karur), Ponneri (dist Tiruvallur), Karur (dist Karur), Padalur (dist Perambalur), Devimangalam (dist Thiruchirappalli), Ayyampettai (dist Thanjavur), Samayapuram (dist Thiruchirappalli), Thammampatty (dist Salem), Thanjai Papanasam (dist Thanjavur), Lalgudi (dist Thiruchirappalli), Vadipatti (dist Madurai) 3 each, Gummidipoondi (dist Tiruvallur), Mangalapuram (dist Namakkal), Thaluthalai (dist Perambalur), Namakkal (dist Namakkal), Red Hills (dist Tiruvallur), Musiri (dist Thiruchirappalli), Pandavaiyar Head (dist Thiruvarur), Chettikulam (dist Perambalur), Sirukudi (dist Thiruchirappalli), Gobichettipalayam (dist Erode), Panjapatti (dist Karur), Puduchatram (dist Namakkal), Manjolai (dist Tirunelveli), Kayathar (dist Thoothukudi), SRC Kudithangi (dist Cuddalore), Sendamangalam (dist Namakkal) 2 each, Thuraiyur (dist Thiruchirappalli), Nkl Collectorate (dist Namakkal), Tiruppur AWS (dist Tiruppur), Kulithalai (dist Karur), Kallakurichi ARG (dist Kallakurichi), Sathiar (dist Madurai), Cheranmahadevi (dist Tirunelveli), Gangavalli (dist Salem), Madathukulam (dist Tiruppur), Perambalur (dist Perambalur), Kallakurichi AWS (dist Kallakurichi), Kalakadu (dist Tirunelveli), Eraiyur (dist Perambalur), Paiyur AWS (dist Krishnagiri), Vellakoil (dist Tiruppur), Mohanur (dist Namakkal), Cholavaram (dist Tiruvallur), Kannadaian Nanguneri

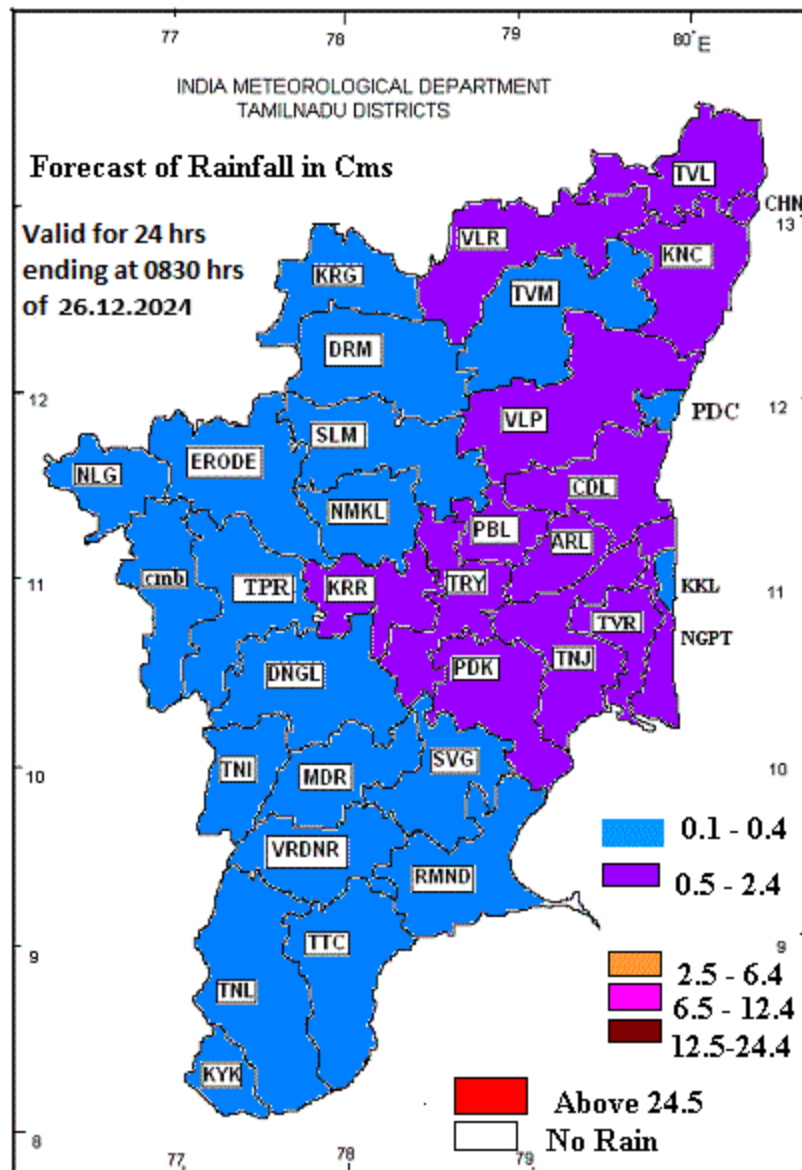
(dist Tirunelveli), Neyyoor AWS (dist Kanyakumari), Perambalur AWS (dist Perambalur) 1 each.

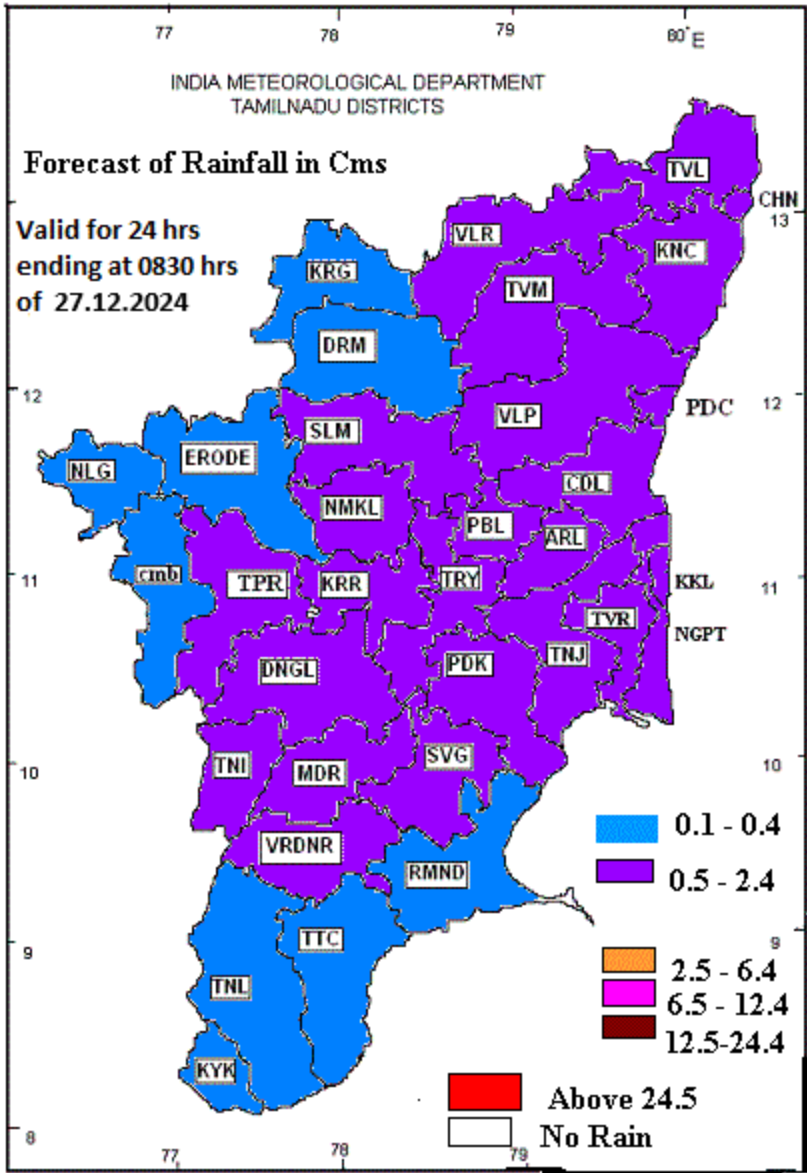
22.12.24: Pochampalli ARG (dist Krishnagiri) 8, Avudayarkoil (dist Pudukkottai), Nedungal (dist Krishnagiri), Virudhunagar (dist Virudhunagar) 6 each, KRP Dam (dist Krishnagiri), Sirugamani KVK AWS (dist Thiruchirappalli), Navalur Kottapattu (dist Thiruchirappalli), Paiyur AWS (dist Krishnagiri), Kulithalai (dist Karur), Illuppur (dist Pudukkottai) 5 each, Tiruchirappalli Airport (dist Thiruchirappalli), Barur (dist Krishnagiri), Vathalai Anicut (dist Thiruchirappalli), Jambukuttapatti (dist Krishnagiri), Paramathivelur (dist Namakkal), Alangudi (dist Pudukkottai), Mimisal (dist Pudukkottai), Padalur (dist Perambalur) 4 each, Namakkal AWS (dist Namakkal), Danishpet (dist Salem), Chettikulam (dist Perambalur), Mohanur (dist Namakkal), Ponnaniyar Dam (dist Thiruchirappalli), Annavasal (dist Pudukkottai), Kadavur Taluk Offie AWS (dist Karur), Mayanoor (dist Karur), Vamban KVK AWS (dist Pudukkottai), Ayinkudi (dist Pudukkottai), Panjapatti (dist Karur) 3 each, Kilanilai (dist Pudukkottai), Kallakudi (dist Thiruchirappalli), Krishnarayapuram (dist Karur), Musiri (dist Thiruchirappalli), Arantangi (dist Pudukkottai), Tiruchirappalli Junction (dist Thiruchirappalli), Devimangalam (dist Thiruchirappalli), Virudunagar AWS (dist Virudhunagar), Manapparai (dist Thiruchirappalli), Tiruchirappalli Town (dist Thiruchirappalli), Krishnagiri (dist Krishnagiri), Pullambadi (dist Thiruchirappalli), Karaiyur (dist Pudukkottai), Vazhapadi ARG (dist Salem), Viralimalai (dist Pudukkottai), Anaimaduvu Dam (dist Salem), Kovilankulam (dist Virudhunagar), Aruppukottai KVK AWS (dist Virudhunagar), Nandhiyar Head (dist Thiruchirappalli) 2 each, Kodumudiyaru Dam (dist Tirunelveli), Thenparanadu (dist Thiruchirappalli), Manamadurai (dist Sivagangai), Palacode ARG (dist Dharmapuri), Palacode (dist Dharmapuri), Kudimiyamalai (dist Pudukkottai), Sankarapuram (dist Kallakurichi), Dharmapuri PTO (dist Dharmapuri), Ponmalai (dist Thiruchirappalli), Kallikudi (dist Madurai), Thogamalai (dist Karur), Kuruvadi (dist Ariyalur), Tirumayam (dist Pudukkottai), Hogenekal (dist Dharmapuri), Sivakasi (dist Virudhunagar), Aruppukottai (dist Virudhunagar), Tirumangalam (dist Madurai), Ariyalur PTO (dist Ariyalur), Ariyalur Taluk Office (dist Ariyalur), Vallam (dist Thanjavur), Dharamapuri (dist Dharmapuri), KCS Mill-2 Moorarpalayam (dist Kallakurichi), Thaluthalai (dist Perambalur), Tiruvadana (dist Ramanathapuram), Ariyalur AWS (dist Ariyalur), Vettikadu (dist Thanjavur), Kallandri (dist Madurai), Thuraiyur (dist Thiruchirappalli), Yelagiri ARG (dist Tirupathur) 1 each.

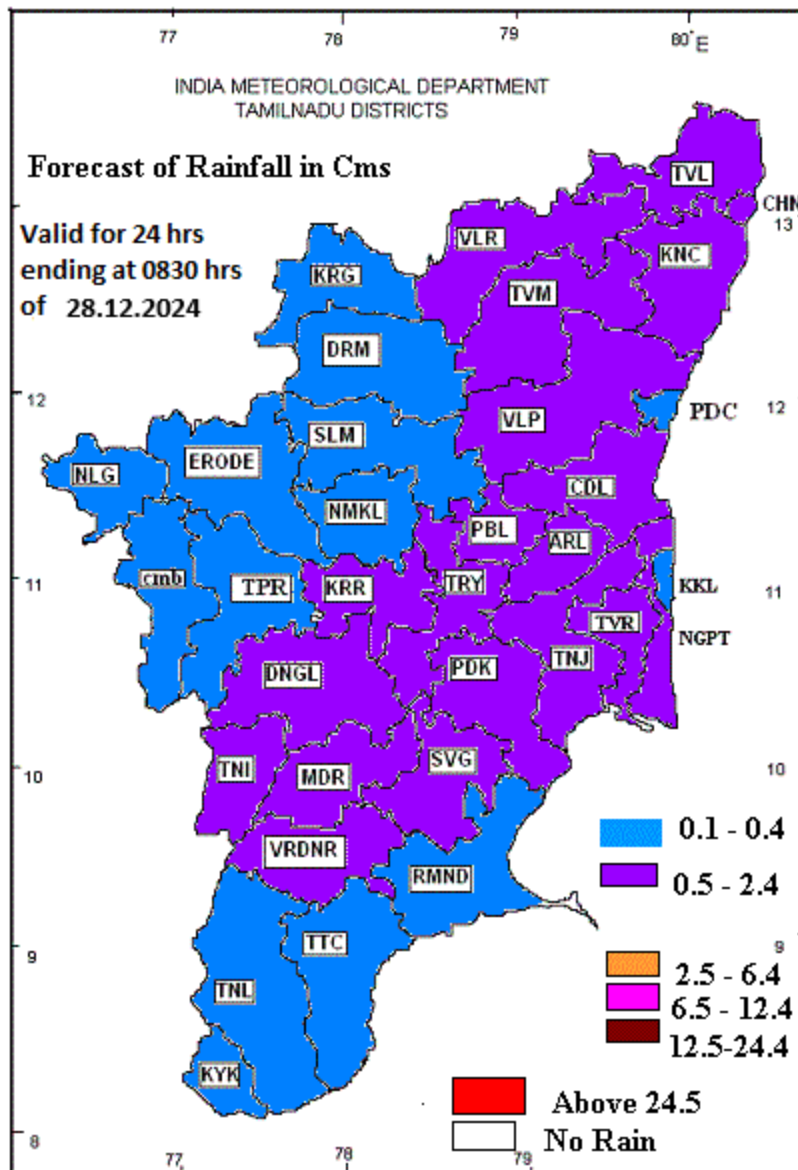
23.12.24: Vembakottai (dist Virudhunagar) 5, Sivakasi (dist Virudhunagar) 4, Yercaud (dist Salem), Kangeyam (dist Tiruppur), Peraiyur (dist Madurai), Rajapalayam (dist Virudhunagar) 3 each, Edapadi (dist Salem), Uthukuli (dist Tiruppur), Mangalapuram (dist Namakkal) 2 each, Usilampatti (dist Madurai), Madurai Airport (dist Madurai), Palladam (dist Tiruppur), Tuticorin Rly Station ARG (dist Thoothukudi), Vazhapadi (dist Salem), Virudunagar AWS (dist Virudhunagar), Ettayapuram (dist Thoothukudi), Kariyakovil Dam (dist Salem), Andipatti (dist Madurai), Kadambur (dist Thoothukudi), Virudhunagar (dist Virudhunagar), Srivilliputhur (dist Virudhunagar) 1 each.

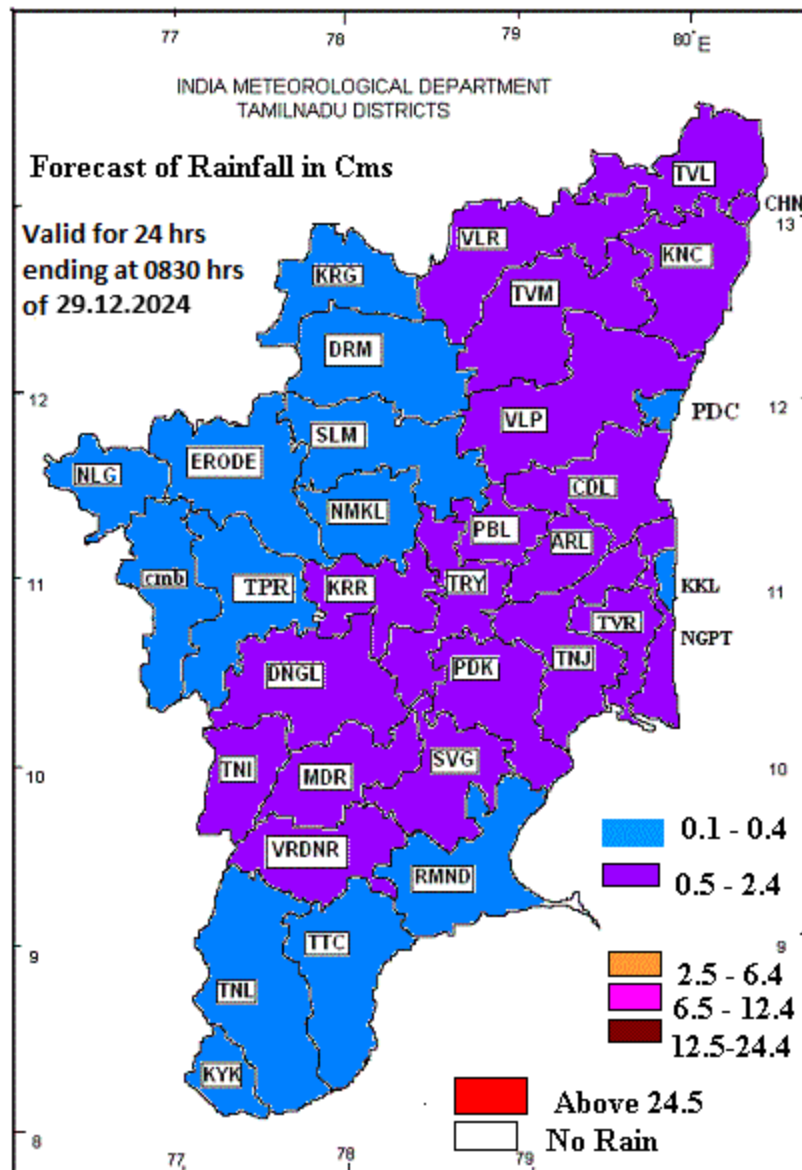
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 24.12.24
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

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

SMS Advisory:

(25.12.2024-29.12.2024) Light to moderate rain is likely to occur at one or two places over Tamil Nadu.

Livestock Advisory:

1. Livestock must be given medicated bath to avoid ectoparasite infestation. Moreover, dipping must be done on a sunny day.
2. The surplus fodder available must be preserved as silage for summer feeding.
3. The livestock must be provided in clean wholesome drinking water
4. To prevent water stagnation proper drainage must be provided in livestock shelter.
5. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
6. Newly born piglets must be protected from cold drafts
7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
9. Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory Rice:

Due to prevailing weather conditions 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.

Due to prevailing weather conditions favorable, blast infection is found in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre (or) azoxystrobin 25 SC @ 200 ml/acre at morning or evening time.

The forecasted weather may cause stem borer and leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

Groundnut:

Drain out excess water in groundnut field and resowing of same variety in cyclone affected fields.

In groundnut there are possibilities of stemrot infestation. For management farmers are advised to application of Trichoderma viride @2.5 kg/ha, mixed with 50 kg FYM.

Cotton:

Due to prevailing weather conditions, there are chances of cotton root rot infection. To control spot drench with carbendazim 1.0 g/l.

Cashew:

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyrifos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply *Bacillus subtilis* 1.0 kg/ha + *Paecilomyces lilacinus* 1.0 kg/ha at 2, 4 and 6th months of planting.

Coimbatore

Agro Advisory

| Crop | Stage | Advisory |
|------------|------------------------|---|
| General | | Light Drizzling rainfall is expected for the next five days and the wind speed is expected to be around 2 – 8 kmph in Western zone districts. Irrigation may be done based on soil moisture. Postponed fertilizer application, pesticide spray and weeding may be completed by utilizing the favourable weather. |
| Rice | Flowering & Harvest | Prolonged leaf wetness and low night temperature, may induce bacterial leaf blight in rice crop. To control, spray Streptomycin sulphate + Tetracycline combination at 300 g + Copper oxychloride 1250 g/ha or Copper hydroxide 2g/lit of water. If necessary, repeat 15 days later. The false smut and blast disease in rice may occur, to control the false smut and blast disease, spray Tricyclazole 20.4% W/W + Azoxystrobin 6.8% W/W Sc @ 400ml / acre. If stem borer incidence noticed, spray chlorandraniliprole 18.50% SC @ 60ml / acre. The harvested early samba rice grains may be dried in the Sun between 10 am and 3 pm, considering forth coming dry spell. |
| Bengalgram | Vegetative & Flowering | Prevailing weather conditions favourable for the wilt disease in Bengal gram therefore soil application <i>Bacillus subtilis</i> @ 2.5 kg /ha + 250 kg of FYM <i>Trichoderma viride</i> @ 2.5kg/ha + 250 kg of FYM for one hecter. |
| Turmeric | Rhizome development | Temperature of above 30°C and high soil moisture and humidity leaf spot disease of turmeric may be noticed, Spray Azoxystrobin 18.2% + Difenoconazole 11.7% W/W Sc @ 1ml/lit to manage leaf spot. Since rhizome development stage is more sensitive to high soil moisture, provide adequate drainage. To prevent rhizome rot apply 2.5 kg/ha of <i>Trichoderma viridie</i> by mixing with 250kg of FYM for soil application. |
| Banana | | The high dewfall, may favour for banana sigatoka leaf spot, spray pyraclostrobin 20% WG @ 300gram/acre. There is a possibility for wilt disease, apply 2.5kg of <i>Trichoderma virite</i> by mixing with 250kg of FYM for soil application. |
| Jasmine | | Higher temperature and humidity favours the incidence of Bud worm in |

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| | | jasmine, to control the pest damage Collect and destroy infested flowers along with larvae at least once in a week. Proper pruning and hygienic maintenance of the bushes helps to minimize the pest incidence. Set up light trap to attract and kill the adult moths. Spraying of neem seed kernal extract (NSKE) at 5 per cent level is found effective |
| Animal Husbandry | | Don't allow livestock to graze near local water bodies to avoid internal parasitic infestation. Farmers are advised to not allow the animals graze on fresh pasture. <i>Poultry</i> 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. |

SMS advisory:

To control powdery mildew of vegetables, spray Carbendazim 50% WP @ 140 gram / acre.

Erode

Agro Advisory

| Crop | Stage | Advisory |
|------------|------------------------|---|
| General | | Light Drizzling rainfall is expected for the next five days and the wind speed is expected to be around 2 – 8 kmph in Western zone districts. Irrigation may be done based on soil moisture. Postponed fertilizer application, pesticide spray and weeding may be completed by utilizing the favourable weather. |
| Rice | Flowering & Harvest | Prolonged leaf wetness and low night temperature, may induce bacterial leaf blight in rice crop. To control, spray Streptomycin sulphate + Tetracycline combination at 300 g + Copper oxychloride 1250 g/ha or Copper hydroxide 2g/lit of water. If necessary, repeat 15 days later. The false smut and blast disease in rice may occur, to control the false smut and blast disease, spray Tricyclazole 20.4% W/W + Azoxystrobin 6.8% W/W Sc @ 400ml / acre. If stem borer incidence noticed, spray chlorandraniliprole 18.50% SC @ 60ml / acre. The harvested early samba rice grains may be dried in the Sun between 10 am and 3 pm, considering forth coming dry spell. |
| Bengalgram | Vegetative & Flowering | Prevailing weather conditions favourable for the wilt disease in Bengal gram therefore soil application Bacillus subtilis @ 2.5 kg /ha + 250 kg of FYM Trichoderma viride @ 2.5kg/ha + 250 kg of FYM for one hecter. |
| Turmeric | Rhizome development | Temperature of above 30°C and high soil moisture and humidity leaf spot disease of turmeric may be noticed, Spray Azoxystrobin 18.2% + Difenconazole 11.7% W/W Sc @ 1ml/lit to manage leaf spot. Since rhizome development stage is more sensitive to high soil moisture, provide adequate drainage. To prevent rhizome rot apply 2.5 kg/ha of <i>Trichoderma viridie</i> by mixing with 250kg of FYM for soil application. |
| Banana | | The high dewfall, may favour for banana sigatoka leaf spot, spray |

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| | | pyraclostrobin 20% WG @ 300gram/acre. There is a possibility for wilt disease, apply 2.5kg of Trichoderma virite by mixing with 250kg of FYM for soil application. |
| Jasmine | | Higher temperature and humidity favours the incidence of Bud worm in jasmine, to control the pest damage Collect and destroy infested flowers along with larvae at least once in a week. Proper pruning and hygienic maintenance of the bushes helps to minimize the pest incidence. Set up light trap to attract and kill the adult moths. Spraying of neem seed kernal extract (NSKE) at 5 per cent level is found effective |
| Animal Husbandry | | Don't allow livestock to graze near local water bodies to avoid internal parasitic infestation. Farmers are advised to not allow the animals graze on fresh pasture. <i>Poultry</i> 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. |

SMS advisory:

To control powdery mildew of vegetables, spray Carbendazim 50% WP @ 140 gram / acre.

Tiruppur

Agro Advisory

| Crop | Stage | Advisory |
|---------|---------------------|---|
| General | | Light Drizzling rainfall is expected for the next five days and the wind speed is expected to be around 2 – 8 kmph in Western zone districts. Irrigation may be done based on soil moisture. Postponed fertilizer application, pesticide spray and weeding may be completed by utilizing the favourable weather. |
| Rice | Flowering & Harvest | Prolonged leaf wetness and low night temperature, may induce bacterial leaf blight in rice crop. To control, spray Streptomycin sulphate + Tetracycline combination at 300 g + Copper oxychloride 1250 g/ha or Copper hydroxide 2g/lit of water. If necessary, repeat 15 days later. The false smut and blast disease in rice may occur, to control the false smut and blast disease, spray Tricyclazole 20.4% W/W + Azoxystrobin 6.8% W/W Sc @ 400ml / acre. If stem borer incidence noticed, spray chlorandraniliprole 18.50% SC @ 60ml / acre. The harvested early samba rice grains may be dried in the Sun between 10 am and 3 pm, considering forth coming dry spell. |
| Banana | | The high dewfall, may favour for banana sigatoka leaf spot, spray pyraclostrobin 20% WG @ 300gram/acre. There is a possibility for wilt disease, apply 2.5kg of Trichoderma virite by mixing with 250kg of FYM for soil application. |
| Jasmine | | Higher temperature and humidity favours the incidence of Bud worm in jasmine, to control the pest damage Collect and destroy infested flowers along with larvae at least once in a week. Proper pruning and hygienic |

| | | |
|------------------|--|---|
| | | maintenance of the bushes helps to minimize the pest incidence. Set up light trap to attract and kill the adult moths. Spraying of neem seed kernal extract (NSKE) at 5 per cent level is found effective |
| Animal Husbandry | | Don't allow livestock to graze near local water bodies to avoid internal parasitic infestation. Farmers are advised to not allow the animals graze on fresh pasture. <i>Poultry</i> 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. |

SMS advisory:

To control powdery mildew of vegetables, spray Carbendazim 50% WP @ 140 gram / acre.

Nilgiris

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

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 during the rain free period.

Horticulture Specific Advisory:

| Horticulture (Stage) | Horticulture Specific Advisory |
|----------------------|--|
| CARROT | Rust fly management Soil application of chlorantraniliprole granules insecticide @ 4kg/acre at 45 – 50 days after sowing may be given during rain free period. |
| TEA | Management of blister blight disease in tea • Removal and destruction of affected leaves and shoots by pruning • Spray hexaconazole @ 200 ml + copper oxychloride @ 210 g/ha at 5 days interval (or) • Copper oxychloride @ 210 g + propiconazole @ 200 ml/ha at 10 days interval, particularly during September -November months • Avoid cultivation of susceptible varieties and grow resistant varieties CIB recommendation • Spray any one of the following chemicals • Hexaconazole 5% EC @ 200ml/ha (or) • Propiconazole 25% EC @ 125-250ml/ha (or) • Carbendazim 12%+ Mancozeb 63% WP @ 1250g/ha (or) • Hexaconazole 4% + Zineb 68% WP @ 625g/ha Horticulture Specific Advisory |
| 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/litre of water using hand sprayer during the rain free period. |

Dindigul

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|-------------------------|--|
| SMS Advisory | Chances of light rain on 25, 26 Dec & Moderate rain during 27, 28, 29 Dec. Maximum temperature would be in the range of 30°C to 31°C and the minimum temperature would be between 22°C - 23°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 2-8 Kmph from, East & Northeast directions. |
|-------------------------|--|

General Advisory:

Extended range Forecast for next week (27th December to 02nd January 2025):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 27th December to 02nd January 2025.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 27th December to 02nd January 2025.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 16°C to 20°C over the district during next week 27th December to 02nd January 2025.

Since cloudy humid weather is prevailing, farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests and Blue sticky trap @ 5-10/acre to monitor the aphids and leaf miner.

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district during 25, 26 & 27 December 2024. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose.

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

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

Cotton:

At this stage, the problem of flower and tender pod or square shedding is noticed in the cotton crop.

To avoid this, farmers are advised to go with a foliar spray of TNAU Cotton Plus @ 2.5 kg/acre in 200 litres of water during the flowering and at the boll formation stages.

It reduces the flower and square shedding, improves boll bursting, increases seed cotton yield, and imparts the drought tolerance capacity of the crop.

Spraying activities can be done only on non-rainy days.

Maize:

The incidence of Corn worms/earworms is expected in Maize. The symptoms appear on grains and Larva feeds on silk and developing grains.

To manage this, set up pheromone traps at 12 Nos./hectare. Also, set up a light trap @ 1No./acre in the field to attract and kill the moths and insects.

Mix Pungam Oil @ 50ml + Iluppai Oil @ 50ml + Neem Oil @ 50ml + Sticky agent @ 10ml with 10 litres of water and spray 2 times at 12 days intervals.

Spraying activities can be done only on non-rainy days.

Animal Husbandry:

Due to the prevailing weather condition, cattle may get affected by Foot and mouth disease (FMD), Hence, farmers are advised to prevent your Cattle from FMD by vaccinating your cattle at the nearby veterinary dispensary during the month of January.

Madurai

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| SMS Advisory | Chances of light rain on 25, 26 Dec & Moderate rain during 27, 28, 29 Dec. Maximum temperature would be in the range of 30°C to 31°C and the minimum temperature would be between 22°C - 23°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 2-8 Kmph from, East & Northeast directions. |
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General Advisory:

Extended range Forecast for next week (27th December to 02nd January 2025):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 27th December to 02nd January 2025.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 27th December to 02nd January 2025.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 16°C to 20°C over the district during next week 27th December to 02nd January 2025.

Since cloudy humid weather is prevailing, farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests and Blue sticky trap @ 5-10/acre to monitor the aphids and leaf miner.

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district during 25, 26 & 27 December 2024. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose.

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

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

Paddy:

The incidence of Paddy Leaf folder expected in Paddy crop, the symptoms are leaves folding longitudinally and larvae remaining inside. Larvae scrap the green tissue of the leaves and become white and dry. During a severe infestation, the whole field exhibits a scorched appearance.

To control this, tie Trichogramma egg parasitoid cards @ 5cc per acre, thrice at the 37th, 44th, and 51st days after transplanting.

Avoid excessive application of urea.

Install Light trap at 1No. per acre.

Spray NSKE @ 5ml per litre of water or Spray Chlorpyrifos 20 EC @ 5ml per litre of water.

Crop protection activities should be done only on non-rainy days.

Jasmine:

The infection of nematode seen in the Jasmine fields. Farmers are advised to test the soil for nematode infection.

As a symptom of infestation, the leaf turns into yellow colour and ultimately dries.

To control this, apply Paecilomyces lilacinus @ 4 Kg per acre near the root zone and then irrigate the field.

Spraying activities can be done only on non-rainy days.

Animal Husbandry:

Due to the prevailing weather condition, cattle may get affected by Foot and mouth disease (FMD), Hence, farmers are advised to prevent your Cattle from FMD by vaccinating your cattle at the nearby veterinary dispensary during the month of January.

Pudukottai

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| SMS Advisory | Chances of Moderate rain during 26, 27, 28 & 29 Dec. Maximum temperature would be in the range of 29°C to 30°C and the minimum temperature would be between 22°C - 23°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 5-10 Kmph from, Northwest, Northeast & East directions. |
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General Advisory:

Extended range Forecast for next week (27th December to 02nd January 2025):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 27th December to 02nd January 2025.

Maximum Temperature:

Maximum temperatures are likely to be near normal to generally near normal and are likely to be in the range 26°C to 32°C over the coastal of the district during next week. 27th December to 02nd January 2025.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 20°C to 24°C over the district during next week 27th December to 02nd January 2025.

Since cloudy humid weather is prevailing, farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests and Blue sticky trap @ 5-10/acre to monitor the aphids and leaf miner.

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district during 25, 26 & 27 December 2024. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose.

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

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

Maize:

The prevalence of Stem flies is seen in Maize. The maggot feeds on the young growing shoots resulting in "dead hearts".

Set up the fish meal trap @ 12Nos/ha till the crop is 30 days old.

Spray Chlorotraniprol @ 100ml per acre.

Crop protection activities should be done only on non-rainy days.

Groundnut:

This is right time for spraying of TNAU ground nut rich 2 Kg/acre in 200 liters of water for the groundnut crops which is in flowering stage and apply gypsum 400 kg/ha at 45th day after sowing.

Spraying activities can be done during the non-rainy days.

Animal Husbandry:

Due to the prevailing weather condition, cattle may get affected by Foot and mouth disease (FMD), Hence, farmers are advised to prevent your Cattle from FMD by vaccinating your cattle at the nearby veterinary dispensary during the month of January.

Ramanathapuram

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| SMS Advisory | Chances of light rain during 25, 26, 27, 28 & 29 Dec. Maximum temperature would be in the range of 33°C to 34°C and the minimum temperature would be between 24°C - 25°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 2-10 Kmph from, Northeast & East directions. |
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General Advisory:

Extended range Forecast for next week (27th December to 02nd January 2025):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 27th December to 02nd January 2025.

Maximum Temperature:

Maximum temperatures are likely to be near normal to generally near normal and are likely to be in the range 26°C to 32°C over the coastal of the district during next week. 27th December to 02nd January 2025.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 20°C to 24°C over the district during next week 27th December to 02nd January 2025.

Since cloudy humid weather is prevailing, farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests and Blue sticky trap @ 5-10/acre to monitor the aphids and leaf miner.

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district during 25, 26 & 27 December 2024. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose.

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

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

Cotton:

Due to the prevailing weather condition the incidence of spotted bollworms seen in Cotton.

The symptoms are, they appear on terminal shoots, drying and drooping of terminal shoots during pre-flowering stage, shedding of squares and young bolls, flaring up of bracts during square and young boll formation stage, holes on bolls and rotting of bolls can also be noticed.

Remove the affected plant parts.

To control, spray Fipronil @ 400ml per acre.

Crop protection activities should be done only on non-rainy days.

Chilly:

There are chances of incidence of sucking pests like leafhoppers, thrips, whitefly, and spiralling whitefly in horticultural crop fields.

Hence, farmers are advised to monitor the sucking pests by installing yellow sticky traps @ 10 Nos./acre.

For severe infestation, spray any one of the following, Neem Seed Kernel Extract @ 50g/litre of water or Neem oil @ 30ml per litre of water.

Crop protection activities should be done only on non-rainy days.

Animal Husbandry:

Due to the prevailing weather condition, cattle may get affected by Foot and mouth disease (FMD), Hence, farmers are advised to prevent your Cattle from FMD by vaccinating your cattle at the nearby veterinary dispensary during the month of January.

Sivagangai

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| SMS Advisory | Chances of light rain during 25, 26, 29 Dec & Moderate rain on 27, 28 Dec. Maximum temperature would be in the range of 30°C to 31°C and the minimum temperature would be between 22°C - 23°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 2-8 Kmph from, East & Northeast directions. |
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General Advisory:

Extended range Forecast for next week (27th December to 02nd January 2025):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 27th December to 02nd January 2025.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 27th December to 02nd January 2025.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 16°C to 20°C over the district during next week 27th December to 02nd January 2025.

Since cloudy humid weather is prevailing, farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests and Blue sticky trap @ 5-10/acre to monitor the aphids and leaf miner.

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district during 25, 26 & 27 December 2024. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose.

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

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

Tomato:

Application of Micronutrients to vegetable crops at the flowering and fruit formation stages may give good results.

Farmers are advised to apply micronutrients to vegetable crops through irrigation or as foliar spray.

Crop protection activities should be done only on non-rainy days.

Brinjal:

Due to the prevailing weather condition, the occurrence of Lace wing bug may be expected in Brinjal crop.

The symptoms appear on leaves. The leaves become yellow and the affected leaves covered with exuviae and excreta.

To control spray Imidachlopride @ 15ml per tank.

Crop protection activities should be done only on non-rainy days.

Animal Husbandry:

Due to the prevailing weather condition, cattle may get affected by Foot and mouth disease (FMD), Hence, farmers are advised to prevent your Cattle from FMD by vaccinating your cattle at the nearby veterinary dispensary during the month of January.

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| SMS Advisory | Chances of light rain on 25, 26 Dec & Moderate rain during 27, 28, 29 Dec. Maximum temperature would be in the range of 29°C to 30°C and the minimum temperature would be between 21°C - 22°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 2-8 Kmph from, East & Northeast directions. |
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General Advisory:

Extended range Forecast for next week (27th December to 02nd January 2025):

Rainfall:

As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 27th December to 02nd January 2025.

Maximum Temperature:

Maximum temperatures are likely to be generally near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 27th December to 02nd January 2025.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 16°C to 20°C over the district during next week 27th December to 02nd January 2025.

Since cloudy humid weather is prevailing, farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests and Blue sticky trap @ 5-10/acre to monitor the aphids and leaf miner.

Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district during 25, 26 & 27 December 2024. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose.

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

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

Chilly:

To control the flower, and fruit falling and to increase fruit set in chilly crop,

Spray NAA 10 ppm (10 mg/l of water) on 60 and 100 days after planting.

Also spray Triaccontanol @ 1.25 ml/l on 20, 40, 60 and 80th day of planting.

Spraying activities can be done only on non-rainy days.

Cotton:

Due to the prevailing weather condition, flower and fruit dropping is observed in irrigated winter cotton due to continuous low temperatures.

To control this, farmers are advised to spray NAA @ 40 PPM.

Spraying activities can be done only on non-rainy days.

Animal Husbandry:

Due to the prevailing weather condition, cattle may get affected by Foot and mouth disease (FMD), Hence, farmers are advised to prevent your Cattle from FMD by vaccinating your cattle at the nearby veterinary dispensary during the month of January.

Kanyakumari

AGRO ADVISORIES

| S. N. | CROP | STAGES | ADVISORIES |
|-------|----------------------|--------------------|---|
| 1. | 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. |
| 2. | Clove | All stages | There is very light rainfall in the forthcoming days. Hence the plants may be irrigated regularly. |
| 3. | Pineapple | Early growth stage | Mulching have to be given to pineapple for moisture conservation. |
| 4. | Banana | Shooting stage | To control sigatoka leaf spot in banana, spraying of propiconazole 1 ml /litre + teepol 0.5 ml /litre. |
| 5. | Coconut | Nut bearing stage | For nut bearing coconut root feeding of TNAU coconut tonic @ 200 ml per tree. |

SMS Advisory

Irrigation should be given to the newly planted fruit trees and other horticultural crops due to light rainfall.

Salem

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

| Livestock, Poultry & Crop | Stage | Weather advisory |
|---------------------------|---------|---|
| Livestock | General | Due to the prevailing cold weather condition, cattle rearers are advised to allow the cattle for grazing only after 2 hrs of sunrise to avoid fluke infestation. To prevent the infestation of pneumonia and rhinitis of calves and kids they should be protected against cold drafts. The side wall of young livestock must be shielded with gunny bag to prevent cold draft attack. The top sand (10 cm) of goat house must be replaced with new sand in every six month so as to prevent parasitic attack. To prevent mosquito menace in livestock rearing areas fumigation with <i>vitex negundo</i> (notchi leaves) leaves weekly once is recommended. |
| Poultry | General | As the temperatures will be very low in Namakkal in the coming weeks, |

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| | | brooder chicks should be provided with correct range of temperature. Higher or lower temperature will not support growth as per standard. This should be checked every day and ensuring proper temperatures will lead to uniformity in growth and reduce mortality. This is very important until 4 weeks of age, as it will lead to standard egg production. Further, to encourage chicks to drink sufficient water, warm water may be provided at least once in the morning which encourages more feed intake and uniformity in body weight. |
| Agro advisory from Krishi Vigyan Kendra, Namakkal | | |
| Bhendi | Vegetative stage | To increase the yields of bhendi, give foliar spraying with vegetable booster @ 5 gram / litre along with sticking agent at 30 days after planting with 15 days interval. |
| Paddy | Sowing Stage | Due to surplus rain during the monsoon, it is advisable to undertake direct sown paddy cultivation instead of transplantation from nursery to avoid wastage of time. Hence, farmers are advised to use drum feeder for sowing paddy seeds in the field at the rate of 10 kg for 1 acre of land. |
| Jasmine | General Recommendation | To increase the flowering in jasmine give foliar spraying with panchakavya @ 3% + Humic acid @ 0.4 % at one month interval. Also give foliar spraying with iron sulphate @ 0.5 % and zinc sulphate @ 0.5 % at one month interval. |
| 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 / bulb rot incidence in onion. |

Namakkal

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

| Livestock, Poultry & Crop | Stage | Weather advisory |
|---------------------------|---------|---|
| Livestock | General | Due to the prevailing cold weather condition, cattle rearers are advised to allow the cattle for grazing only after 2 hrs of sunrise to avoid fluke infestation. To prevent the infestation of pneumonia and rhinitis of calves and kids they should be protected against cold drafts. The side wall of young livestock must be shielded with gunny bag to prevent cold draft attack. The top sand (10 cm) of goat house must be replaced with new sand in every six month so as to prevent parasitic attack. To prevent mosquito menace in livestock rearing areas fumigation with <i>vitex negundo</i> (notchi leaves) leaves weekly once is recommended. |
| Poultry | General | As the temperatures will be very low in Namakkal in the coming weeks, brooder chicks should be provided with correct range of temperature. Higher or lower temperature will not support growth as per standard. This should be checked every day and ensuring proper temperatures will lead to uniformity in growth and reduce mortality. This is very important until 4 weeks of age, as it |

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| | | will lead to standard egg production. Further, to encourage chicks to drink sufficient water, warm water may be provided at least once in the morning which encourages more feed intake and uniformity in body weight. |
| Agro advisory from Krishi Vigyan Kendra, Namakkal | | |
| Bhendi | Vegetative stage | To increase the yields of bhendi, give foliar spraying with vegetable booster @ 5 gram / litre along with sticking agent at 30 days after planting with 15 days interval. |
| Paddy | Sowing Stage | Due to surplus rain during the monsoon, it is advisable to undertake direct sown paddy cultivation instead of transplantation from nursery to avoid wastage of time. Hence, farmers are advised to use drum feeder for sowing paddy seeds in the field at the rate of 10 kg for 1 acre of land. |
| Jasmine | General Recommendation | To increase the flowering in jasmine give foliar spraying with panchakavya @ 3% + Humic acid @ 0.4 % at one month interval. Also give foliar spraying with iron sulphate @ 0.5 % and zinc sulphate @ 0.5 % at one month interval. |
| 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 / bulb rot incidence in onion. |

Dharmapuri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

| Livestock, Poultry & Crop | Stage | Weather advisory |
|---|---------|---|
| Livestock | General | Due to the prevailing cold weather condition, cattle rearers are advised to allow the cattle for grazing only after 2 hrs of sunrise to avoid fluke infestation. To prevent the infestation of pneumonia and rhinitis of calves and kids they should be protected against cold drafts. The side wall of young livestock must be shielded with gunny bag to prevent cold draft attack. The top sand (10 cm) of goat house must be replaced with new sand in every six month so as to prevent parasitic attack. To prevent mosquito menace in livestock rearing areas fumigation with <i>vitex negundo</i> (notchi leaves) leaves weekly once is recommended. |
| Poultry | General | As the temperatures will be very low in Namakkal in the coming weeks, brooder chicks should be provided with correct range of temperature. Higher or lower temperature will not support growth as per standard. This should be checked every day and ensuring proper temperatures will lead to uniformity in growth and reduce mortality. This is very important until 4 weeks of age, as it will lead to standard egg production. Further, to encourage chicks to drink sufficient water, warm water may be provided at least once in the morning which encourages more feed intake and uniformity in body weight. |
| Agro advisory from Krishi Vigyan Kendra, Namakkal | | |

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| Bhendi | Vegetative stage | To increase the yields of bhendi, give foliar spraying with vegetable booster @ 5 gram / litre along with sticking agent at 30 days after planting with 15 days interval. |
| Paddy | Sowing Stage | Due to surplus rain during the monsoon, it is advisable to undertake direct sown paddy cultivation instead of transplantation from nursery to avoid wastage of time. Hence, farmers are advised to use drum feeder for sowing paddy seeds in the field at the rate of 10 kg for 1 acre of land. |
| Jasmine | General Recommendation | To increase the flowering in jasmine give foliar spraying with panchakavya @ 3% + Humic acid @ 0.4 % at one month interval. Also give foliar spraying with iron sulphate @ 0.5 % and zinc sulphate @ 0.5 % at one month interval. |
| 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 / bulb rot incidence in onion. |

Krishnagiri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

| Livestock, Poultry & Crop | Stage | Weather advisory |
|---|------------------|---|
| Livestock | General | Due to the prevailing cold weather condition, cattle rearers are advised to allow the cattle for grazing only after 2 hrs of sunrise to avoid fluke infestation. To prevent the infestation of pneumonia and rhinitis of calves and kids they should be protected against cold drafts. The side wall of young livestock must be shielded with gunny bag to prevent cold draft attack. The top sand (10 cm) of goat house must be replaced with new sand in every six month so as to prevent parasitic attack. To prevent mosquito menace in livestock rearing areas fumigation with <i>vitex negundo</i> (notchi leaves) leaves weekly once is recommended. |
| Poultry | General | As the temperatures will be very low in Namakkal in the coming weeks, brooder chicks should be provided with correct range of temperature. Higher or lower temperature will not support growth as per standard. This should be checked every day and ensuring proper temperatures will lead to uniformity in growth and reduce mortality. This is very important until 4 weeks of age, as it will lead to standard egg production. Further, to encourage chicks to drink sufficient water, warm water may be provided at least once in the morning which encourages more feed intake and uniformity in body weight. |
| Agro advisory from Krishi Vigyan Kendra, Namakkal | | |
| Bhendi | Vegetative stage | To increase the yields of bhendi, give foliar spraying with vegetable booster @ 5 gram / litre along with sticking agent at 30 days after planting with 15 days interval. |
| Paddy | Sowing Stage | Due to surplus rain during the monsoon, it is advisable to undertake direct sown paddy cultivation instead of transplantation from nursery to avoid wastage of time. Hence, farmers are advised to use drum feeder for sowing paddy seeds in the field at the rate of 10 kg for 1 acre of land. |

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| Jasmine | General Recommendation | To increase the flowering in jasmine give foliar spraying with panchakavya @ 3% + Humic acid @ 0.4 % at one month interval. Also give foliar spraying with iron sulphate @ 0.5 % and zinc sulphate @ 0.5 % at one month interval. |
| 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 / bulb rot incidence in onion. |

Karaikal

Agro Advisory

| Crop | Stage/Particulars | Agromet Advisory |
|------|-------------------|---|
| Rice | Active tillering | <p>Drain the excess water from the paddy fields leaving a thin film of water.</p> <p>In paddy fields thinning of tillers may be done and utilized to gap fill the damaged areas.</p> <p>Foliar spray of 1% urea along with 0.5 % ZnSO₄ (5 kg urea +2.5 kg ZnSO₄ in 500 litres of water /ha) may be given.</p> <p>In paddy, after one week of foliar spray top dressing of 50 kg urea and 20 kg potash along with 10 kg of neem cake per hectare may be done.</p> <p>To manage rice leaf folder release <i>Trichogramma chilonis</i> 5cc (1,00,000/ha) at 37, 44, 51 day after planting. Avoid excess application of nitrogen fertilizers. Setup light trap to attract adult moths. Setup T- shaped bird perches for predatory birds to control these pests.</p> <p>Apply cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.</p> |

SMS: Light rain is expected for next five days.

Puducherry

Agro Advisory

| Crop | Stage/Particulars | Agromet Advisory |
|------|-------------------|--|
| Rice | Active tillering | <p>Drain the excess water from the paddy fields leaving a thin film of water.</p> <p>In paddy fields thinning of tillers may be done and utilized to gap fill the damaged areas.</p> <p>Foliar spray of 1% urea along with 0.5 % ZnSO₄ (5 kg urea +2.5 kg ZnSO₄ in 500 litres of water /ha) may be given.</p> <p>In paddy, after one week of foliar spray top dressing of 50 kg urea and 20 kg potash along with 10 kg of neem cake per hectare may be done.</p> |

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| | | To manage rice leaf folder release <i>Trichogramma chilonis</i> 5cc (1,00,000/ha) at 37, 44, 51 day after planting. Avoid excess application of nitrogen fertilizers. Setup light trap to attract adult moths. Setup T- shaped bird perches for predatory birds to control these pests. Apply cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l. |
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SMS: Light rain is expected for next five days.

