



Years of Service to the Nation  
राष्ट्र सेवा के 150 वर्ष

# तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श बुलेटिन



## **State Composite Agro-meteorological Advisory Bulletin for Tamil Nadu and Puducherry Bulletin No. 067/2024**

For the period 0830 IST, 20<sup>th</sup> August 2024 to

0830 IST, 25<sup>th</sup> August 2024

**Issued on Tuesday, 20<sup>th</sup> August 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 16.08.24 to 19.08.24 for the State of Tamilnadu & Puducherry

### Temperature:

Maximum Temperature of range **31°C – 38°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **19°C – 23°C** during the period.

Minimum temperature of range **24°C - 29°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **13°C - 16°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)	17.08.24, 18.08.24 & 19.08.24	--
Isolated (One or Two Places)	16.08.24	--
Dry	--	16.08.24, 17.08.24, 18.08.24 & 19.08.24

### Chief Amounts of Rainfall (in cms):-

**16.08.24** : Kodaikannal Boat Club (dist Dindigul) 6, Kodaikanal (dist Dindigul) , Kollidam (Anaikaranchatram) (dist Mayiladuthurai) 5 each, Kollidam ARG (dist Mayiladuthurai) , Tiruvadana (dist Ramanathapuram) 4 each, Sathyamangalam (dist Erode), Kothavacherry (dist Cuddalore), Namakkal (dist Namakkal), Namakkal AWS (dist Namakkal), Kodivery (dist Erode), Avudayarkoil (dist Pudukkottai), Arantangi (dist Pudukkottai), Bhuvanagiri (dist Cuddalore), Uthukuli (dist Tiruppur), Nagudi (dist Pudukkottai), Manamelkudi (dist Pudukkottai), Kovilankulam (dist Virudhunagar), Panruti (dist Cuddalore) 3 each, Alakarai Estate (dist The Nilgiris), Aruppukottai KVK AWS (dist Virudhunagar), Annamalai Nagar (dist Cuddalore), Vettikadu (dist Thanjavur), Peravurani (dist Thanjavur), Koppampatti (dist Thiruchirappalli), Chidambaram AWS (dist Cuddalore), Devakottai (dist Sivagangai), Andipatti (dist Theni), Bodinaickanur (dist Theni), Kodanad (dist The Nilgiris), Tindivanam (dist Villupuram), Aranmanaiapur (dist Theni), Virdhachalam KVK AWS (dist Cuddalore), Kuppanatham (dist Cuddalore), Gummidipoondi (dist Tiruvallur), RSCL-2 Valavanur (dist Villupuram), Andipatti (dist Madurai) 2 each, Orthanad (dist Thanjavur), Kurinjipadi (dist Cuddalore), Virudachalam (dist Cuddalore), Vilupuram (dist Villupuram), RSCL-2 Koliyanur (dist Villupuram), Ayinkudi (dist Pudukkottai), Chidambaram (dist Cuddalore), Kothagiri (dist The Nilgiris), Usilampatti (dist Madurai), Mayanur (dist Karur), Karur (dist Karur), Tiruvallur (dist Tiruvallur), Mimisal (dist Pudukkottai), Krishnarayapuram (dist Karur), Echanviduthi (dist Thanjavur), DSCL Thiyagadurgam (dist Kallakurichi), Palavidithi (dist Karur),

Thiruthuraipoondi (dist Thiruvarur), Upper Bhavani (dist The Nilgiris), Emeraldad (dist The Nilgiris), Illayangudi (dist Sivagangai), Thirumoorthi Dam (dist Tiruppur) 1 each.

**17.08.24** : Yercaud (dist Salem) 8,Paramathivelur (dist Namakkal) , Aravakurichi (dist Karur) 7 each,Karur (dist Karur) 6,Sothuparai (dist Theni), Mohanur (dist Namakkal), Anaippalayam (dist Karur), NamakkalAWS (dist Namakkal), Palacode (dist Dharmapuri) 5 each,Danishpet (dist Salem) 4,Chittar-I (dist Kanniyakumari), Perundurai (dist Erode), Ottapadiram (dist Thoothukudi),Palacode ARG (dist Dharmapuri), Uppar Dam (dist Tiruppur), Kodaikannal Boat Club (distDindigul), Sholayar (dist Coimbatore), K.Paramathi (dist Karur) 3 each,Suralacode (dist Kanniyakumari), Balamore (dist Kanniyakumari), Vilathikulam (distThoothukudi), Harur (dist Dharmapuri), Sivakasi (dist Virudhunagar), Sivalogam(Chittar II)(dist Kanniyakumari), Old Taluk Office Srivaikuntam (dist Thoothukudi), Tiruppur IB PWD(dist Tiruppur) 2 each,Thali (dist Krishnagiri), Idayapatti (dist Madurai), Marandahalli (dist Dharmapuri),Bodinaickanur (dist Theni), Hosur (dist Krishnagiri), Kovilpatti (dist Thoothukudi),Madathukulam (dist Tiruppur), Kadambur (dist Thoothukudi), Chennimalai (dist Erode),Perunchani Dam (dist Kanniyakumari), Periyar (dist Theni), Yercaud AWS (dist Salem),Palani AWS (dist Dindigul), Periyakulam (dist Theni), Puthan Dam (dist Kanniyakumari),Palani (dist Dindigul), Vint Worth Estate (dist The Nilgiris), Sirkali (dist Mayiladuthurai),Manamelkudi (dist Pudukkottai), Hosur AWS (dist Krishnagiri), Pillur Dam Mettupalayam(dist Coimbatore), Kamudhi (dist Ramanathapuram), Vedasandur AWS (dist Dindigul),Kodumudi (dist Erode), Nalumukku (dist Tirunelveli), Kalial (dist Kanniyakumari) 1 each.

**18.08.24** : Perambalur (dist Perambalur) 9,Tirumayam (dist Pudukkottai) 8,Sethiyathope (dist Cuddalore), Mettupatti (dist Madurai), Karaikudi (dist Sivagangai),Sivagangai PWD TB (dist Sivagangai), Yercaud AWS (dist Salem), Danishpet (dist Salem),Tirupathur (dist Sivagangai) 5 each,Mannargudi (dist Thiruvarur), Oddanchatram (dist Dindigul), Usilampatti (dist Madurai), Sathiar(dist Madurai), Puthu Vettakudi (dist Perambalur) 4 each,Kariyakovil Dam (dist Salem), Jamunamarathur (dist Tiruvannamalai), Kudimiyamalai (distPudukkottai), Veppanthattai (dist Perambalur), Thaluthalai (dist Perambalur), Kuppanampatti(dist Madurai), Anaimaduvu Dam (dist Salem), Illayangudi (dist Sivagangai), R.S.Mangalam(dist Ramanathapuram), Agaram Seegoor (dist Perambalur), Andipatti (dist Madurai), Sendurai(dist Ariyalur), Suralacode (dist Kanniyakumari), Sholayar (dist Coimbatore), Yercaud (distSalem), Ponnamaravathi (dist Pudukkottai) 3 each,Pechiparai (dist Kanniyakumari), Malaiyur (dist Pudukkottai), Chittar-I (dist Kanniyakumari),Periyapatti (dist Madurai), Mudukulatur (dist Ramanathapuram), Karaiyur (dist Pudukkottai),Arantangi (dist Pudukkottai), Kovilpatty (dist Thiruchirappalli), Pechiparai AWS (distKanniyakumari), Illuppur (dist Pudukkottai), Vadipatti (dist Madurai), Sethu Bhaskar AgriCollege AWS (dist Sivagangai), Karur AWS (dist Karur), Vedaranyam (dist Nagapattinam),Balamore (dist Kanniyakumari), Labbaikudikadu (dist Perambalur), Sivalogam(Chittar II) (distKanniyakumari), Krishnapuram (dist Perambalur), Viralimalai (dist Pudukkottai), PerunchaniDam (dist Kanniyakumari), Kilanilai (dist Pudukkottai), Manapparai (dist Thiruchirappalli),Chinnakalar (dist Coimbatore), Puthan Dam (dist Kanniyakumari), Manalmedu (distMayiladuthurai) 2 each,Manalmedu ARG (dist Mayiladuthurai), Paramakudi (dist Ramanathapuram), Sholavandan (distMadurai), Madurai AWS (dist Madurai), Vedharanyam AWS (dist Nagapattinam), K.Paramathi(dist Karur), Marandahalli (dist Dharmapuri), Thirparappu (dist Kanniyakumari), Thalaivasal(dist Salem), Tirupattur (dist Tirupathur), Udayalipatti (dist Pudukkottai), Pudukottai (distPudukkottai), Adayamadai (dist Kanniyakumari), Tiruttani AWS (dist Tiruvallur), TirupathurPTO (dist Tirupathur), Tiruttani PTO (dist Tiruvallur), Anaippalayam (dist Karur), Annavasal(dist Pudukkottai), Suthamalli Dam (dist Ariyalur), Veeraganoor (dist Salem), Sivaganga (distSivagangai), Perungalur (dist Pudukkottai), Kallandri (dist Madurai), Valparai

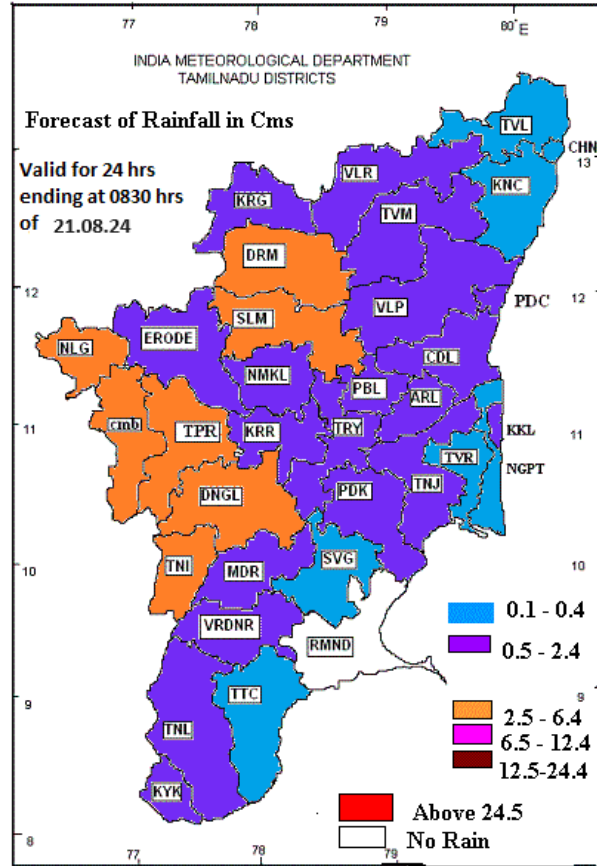
PTO (distCoimbatore), Kuzhithurai (dist Kanniyakumari), Kodayakarai (dist Nagapattinam), Idayapatti(dist Madurai), Nilakottai (dist Dindigul), Eraiyur (dist Perambalur), Amaravathy Dam (distTiruppur), KRP Dam (dist Krishnagiri), Arimalam (dist Pudukkottai), Kodaikanal (dist Dindigul),Kilacheruvai (dist Cuddalore), Ariyalur AWS (dist Ariyalur), Ariyalur PTO (dist Ariyalur),Ariyalur Taluk Office (dist Ariyalur), Chittampatti (dist Madurai), Lower Anaicut (distThanjavur), Singampunari (dist Sivagangai), Thirumoorthi Dam (dist Tiruppur), Barwood (distThe Nilgiris), Cincona (dist Coimbatore), Kadaladi (dist Ramanathapuram) 1 each.

**19.08.24** : Thaluthalai (dist Perambalur) 10,Manjalar (dist Theni), Andipatti (dist Theni) 8 each,Musiri (dist Thiruchirappalli), Thalaivasal (dist Salem) 7 each,Naduvattam (dist The Nilgiris), Tiruppur IB PWD (dist Tiruppur), Veppanthattai (distPerambalur), Andipatti (dist Madurai) 6 each,Denkanikottai (dist Krishnagiri), Denkanikottai ARG (dist Krishnagiri), Vadipatti (dist Madurai)5 each,Sirukudi (dist Thiruchirappalli), Kulithalai (dist Karur) 4 each,Padalur (dist Perambalur), Upper Gudalur (dist The Nilgiris), Thuraiyur (dist Thiruchirappalli),Sandhiyur KVK AWS (dist Salem), Vaigai Dam (dist Theni), Gudalur Bazar (dist The Nilgiris),Devala (dist The Nilgiris), Rasipuram (dist Namakkal), Sirugamani KVK AWS (distThiruchirappalli), Thenparanadu (dist Thiruchirappalli), Perundururai (dist Erode), Kodaikanal(dist Dindigul), Kariyakovil Dam (dist Salem) 3 each,Thammampatty (dist Salem), Shanthi Vijaya School (dist The Nilgiris), Taluk Office Pandalur(dist The Nilgiris), Tiruppur South (dist Tiruppur), Sathiar (dist Madurai), Kavundapadi (distErode), Veeraganoor (dist Salem), Perambalur (dist Perambalur), Tiruppur North (distTiruppur), Dharapuram (dist Tiruppur), Tirupathur PTO (dist Tirupathur), Kodivery (dist Erode),Natham AWS (dist Dindigul), Marandahalli (dist Dharmapuri), Natham (dist Dindigul) 2 each,Sholavandan (dist Madurai), Danishpet (dist Salem), V.Kalathur (dist Perambalur), Pulivalam(dist Thiruchirappalli), Erumapatti (dist Namakkal), Kodanad (dist The Nilgiris), Panchapatti(dist Karur), R.S.Mangalam (dist Ramanathapuram), Madurai AWS (dist Madurai), Glenmorgan(dist The Nilgiris), Rajapalayam (dist Virudhunagar), Kodavasal (dist Thiruvarur), Barwood (distThe Nilgiris), Tiruchirappalli Airport (dist Thiruchirappalli), Periyanaickenpalayam (distCoimbatore), Devimangalam (dist Thiruchirappalli), Nilakottai (dist Dindigul), Mudukulatur (distRamanathapuram), Thali (dist Krishnagiri), Rayakottah (dist Krishnagiri), Bhavani (dist Erode),Pambar Dam (dist Krishnagiri), Samayapuram (dist Thiruchirappalli), Illuppur (distPudukkottai), Mangalapuram (dist Namakkal), Viraganur Dam (dist Madurai), Tallakulam (distMadurai), Ramanathapuram (dist Ramanathapuram), Chinnakalar (dist Coimbatore),Krishnapuram (dist Perambalur), Namakkal Collectorate (dist Namakkal), Viralimalai (distPudukkottai), Thalaigayner (dist Nagapattinam), Bodinaickanur (dist Theni) 1 each.

# DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 20.08.24 VALID FOR THE NEXT 5 DAYS

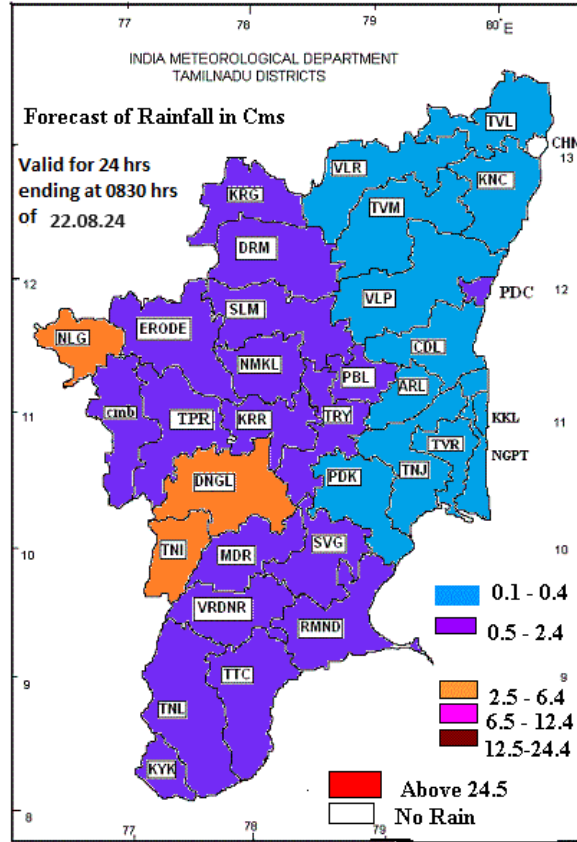


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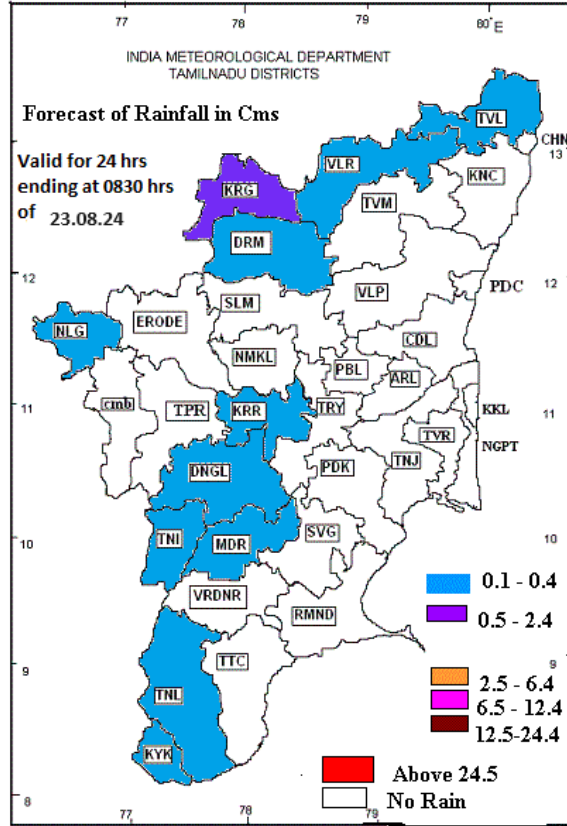
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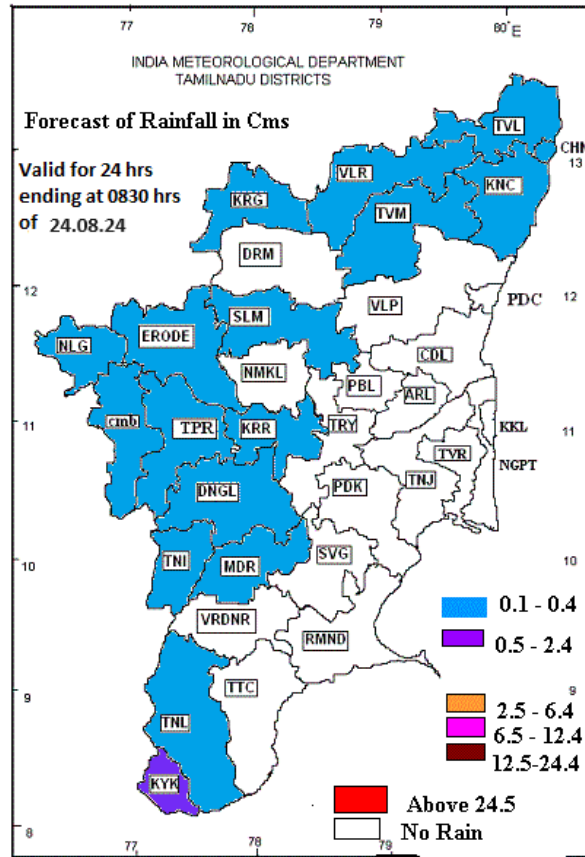


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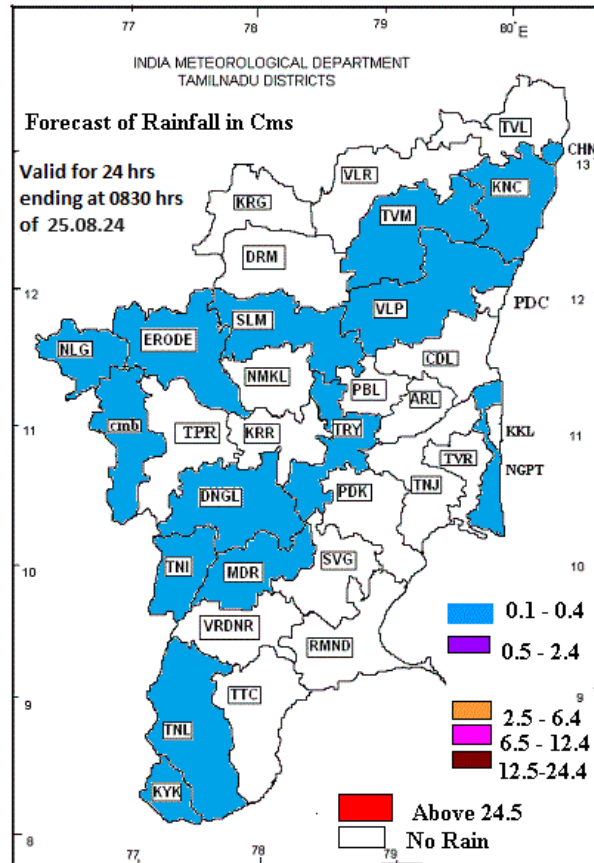


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## District-wise Agromet Advisories

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

#### SMS Advisory:

(21.08.2024-25.08.2024) Light to moderate rain is likely to occur at one or two places over Tamil Nadu.

#### Livestock Advisory:

1. To prevent water stagnation proper drainage must be provided in livestock shelter
2. The livestock must not be allowed to stand in stagnated water to prevent foot rot
3. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
4. The livestock must be provided with clean wholesome drinking water all round the clock.
5. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation.

#### Agricultural advisory

##### Rice:

Transplanting of rice varieties may be done utilizing the expected rainfall and provide proper drainage facility to the nursery field.

Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause 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.

##### Sugarcane:

As strong winds are expected for forthcoming days, so farmers are advised to detrash and propping in five months old sugarcane crop.

Crown mealy bug and pokkahboeng disease of sugarcane observed in field. Symptoms are stunted growth, terminal shoot drying, yellowing of leaf and weakening of cane. To control follow integrated management practices.

Sett treatment - carbendazim 50 WP @ 2 g/lit for 30 min & imidacloprid 70 WS @ 1.5 ml/lit. for 5 min before planting, Monitor ant movement in the border rows at regular intervals, Prophylactic measure - in endemic area, field borders (3 rows) spray imidacloprid 17.8 SL @ 3 ml/10 lit (or) chlorantraniliprole 18.5 SC 4 ml /10 lit (or) clothianidin 50 WDG @ 5g/10 lit (or) spirotetramet 150 OD @ 12.5 ml/10 lit (or) Flonicamid 50% WG @ 3 g/10 lit. If infestation crosses ETL (10%), the insecticide application should be repeated at 20 days interval with rotation of above insecticides. Before spraying ensure de-trashing and it should be done at 5 months after planting. If Pokkahboeng noticed, spray carbendazim 50 WP @ 2 g/lit or propiconazole 25 EC @ 2 ml/lit + sticking agent @ 1 ml/lit 3 times at 20 days interval. Spray should be directed towards central whorl for better control Ratoon cropping should be discouraged after two ratooning in the endemic areas

##### Groundnut:

Due to continuous rainfall stem rot disease may be appear in groundnut field. So, provide proper drainage facility.

There are possibilities of early leaf spot infestation in ground nut crop. For management Farmers are advised to apply Chlorothalonil @ 400 g/acre.

##### Banana:

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

Brinjal:

There are possibilities of fruit borer infestation in Brinjal crop. For management Farmers are advised setup the pheromone trap @ 6/ac.

## Coimbatore

### Agro Advisory

Crop	Stage	Advisory
General		Light to Moderate rainfall is expected for the first two days (21-22/8/24) of this week and the wind speed is expected around 10 – 24 kmph in Western zone districts. Areas near western Ghats may receive heavy rainfall during this week. Postpone the irrigation based on soil moisture and postpone the spraying and fertilizer application to the end of this week.
Rice	Vegetative	By utilizing anticipated rainfall, apply 2 <sup>nd</sup> top dressing @ 25kg Urea and 10kg Potash per acre to transplanted kar season rice. Anticipating rainfall. Hence, adopt raised bed samba season nursery for sowing medium duration rice.
Maize	Sowing	This is best time for sowing irrigated maize for reaping potential yield. If downy mildew disease symptom noticed, spray Metalazyl M 4% + Mancozep 64% WP @ 2g/liter To control Fall Armyworm, spray chlorantraniliprole 18.5 SC @ 4ml / 10 liter of water
Fodder sorghum	Sowing	By utilizing rainfall, fodder sorghum or cowpea may be sown under rainfed lands
Groundnut		Weather conditions is favorable for the tikka leaf spot incidence in Groundnut and if necessary, spray Carbendazim 500 gram or Mancozeb 1000 gram per ha.
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging. If crown mealy bug incidence noticed, spray Imidachloprid 17.8% SL @ 0.3ml / lit + Propiconazole 25SC @ 1 ml / lit with wetting agent @ 1ml / lit to control Pokkoh Boeng disease. To support the better growth. Spray Sugarcane booster @ 1kg, 1.5 kg and 2 kg at 40,60,75 DAP respectively.
Cotton	sowing	Considering the prevailing congenial weather, complete the sowing for irrigated cotton before August.
Banana		Considering the high wind speed above 10 kmph, provide supports to the banana of more than five months old to prevent from lodging. To control wilt disease, apply Trichoderma Viride @ 2.5 kg / ha enriched with 250 kg of FYM in root region.
Tomato		Considering the expected rainfall, tomato seedling may be transplanted in ridges and furrows to avoid collar rot.
Animal Husbandry		Considering the present weather, which is conducive for many pathogen in milch animals. Hence clean the udder with 1% potassium permanganate before and after milking. Farmers are advised to prevent their animals to graze near pond or

		lake areas to avoid fluke infestation
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SMS advisory:

Considering the expected rainfall, tomato seedling may be transplanted in ridges and furrows to avoid collar rot.

## Erode

### Agro Advisory

Crop	Stage	Advisory
General		Light to Moderate rainfall is expected for the first two days (21-22/8/24) of this week and the wind speed is expected around 10 – 24 kmph in Western zone districts. Areas near western Ghats may receive heavy rainfall during this week. Postpone the irrigation based on soil moisture and postpone the spraying and fertilizer application to the end of this week.
Rice	Vegetative	By utilizing anticipated rainfall, apply 2 <sup>nd</sup> top dressing @ 25kg Urea and 10kg Potash per acre to transplanted kar season rice. Anticipating rainfall. Hence, adopt raised bed samba season nursery for sowing medium duration rice.
Maize	Sowing	This is best time for sowing irrigated maize for reaping potential yield. If downy mildew disease symptom noticed, spray Metalazyl M 4% + Mancozeb 64% WP @ 2g/liter To control Fall Armyworm, spray chlorantraniliprole 18.5 SC @ 4ml / 10 liter of water
Fodder sorghum	Sowing	By utilizing rainfall, fodder sorghum or cowpea may be sown under rainfed lands
Groundnut		Weather conditions is favorable for the tikka leaf spot incidence in Groundnut and if necessary, spray Carbendazim 500 gram or Mancozeb 1000 gram per ha.
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging. If crown mealy bug incidence noticed, spray Imidachloprid 17.8% SL @ 0.3ml / lit + Propiconazole 25SC @ 1 ml / lit with wetting agent @ 1ml / lit to control Pokkoh Boeng disease. To support the better growth. Spray Sugarcane booster @ 1kg, 1.5 kg and 2 kg at 40,60,75 DAP respectively.
Banana		Considering the high wind speed above 10 kmph, provide supports to the banana of more than five months old to prevent from lodging. To control wilt disease, apply Trichoderma Viride @ 2.5 kg / ha enriched with 250 kg of FYM in root region.
Tomato		Considering the expected rainfall, tomato seedling may be transplanted in ridges and furrows to avoid collar rot.
Animal Husbandry		Considering the present weather, which is conducive for many pathogen in milch animals. Hence clean the udder with 1% potassium permanganate before and after milking. Farmers are advised to prevent their animals to graze near pond or lake areas to avoid fluke infestation

SMS advisory:

Considering the expected rainfall, tomato seedling may be transplanted in ridges and furrows to avoid collar rot.

## Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Light to Moderate rainfall is expected for the first two days (21-22/8/24) of this week and the wind speed is expected around 10 – 24 kmph in Western zone districts. Areas near western Ghats may receive heavy rainfall during this week. Postpone the irrigation based on soil moisture and postpone the spraying and fertilizer application to the end of this week.
Maize	Sowing	This is best time for sowing irrigated maize for reaping potential yield. If downy mildew disease symptom noticed, spray Metalazyl M 4% + Mancozep 64% WP @ 2g/liter To control Fall Armyworm, spray chlorantraniliprole 18.5 SC @ 4ml / 10 liter of water
Fodder sorghum	Sowing	By utilizing rainfall, fodder sorghum or cowpea may be sown under rainfed lands
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging. If crown mealy bug incidence noticed, spray Imidachloprid 17.8% SL @ 0.3ml / lit + Propiconazole 25SC @ 1 ml / lit with wetting agent @ 1ml / lit to control Pokkoh Boeng disease. To support the better growth. Spray Sugarcane booster @ 1kg, 1.5 kg and 2 kg at 40,60,75 DAP respectively.
Tomato		Considering the expected rainfall, tomato seedling may be transplanted in ridges and furrows to avoid collar rot.
Animal Husbandry		Considering the present weather, which is conducive for many pathogen in milch animals. Hence clean the udder with 1% potassium permanganate before and after milking. Farmers are advised to prevent their animals to graze near pond or lake areas to avoid fluke infestation

SMS advisory:

Considering the expected rainfall, tomato seedling may be transplanted in ridges and furrows to avoid collar rot.

## Nilgiris

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

Seeds can be treated with Trichodermaasperellum @ 4g/kg or Bacillus subtilis @ 10g/kg to manage seed borne pathogens.

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Vegetative )	Leaf miner management: To manage leaf miner infestation in potato, carrot and beetroot crops, foliar spray of cyantraniliprole 10.8SC @1.8ml/lit two sprays at 15 days intervals during the rain free period.
GINGER (Vegetative )	Ginger soft rot management: • Provide adequate drainage facilities • Select healthy and disease free seed rhizomes and treat the seed rhizomes with mancozeb or copper oxychloride @ 3 g/l or 200 ppm streptomycin for 30 minutes, • In the field, drench the beds with copper oxychloride @ 2.5 g/l or 1% Bordeaux mixture during rain free period.
Horticulture (Stage)	Horticulture Specific Advisory
GARLIC (Vegetative )	Nutrient and disease management : • Foliar application of water-soluble micro nutrient mixture @ 0.5 g/liter of water during 30, 45 and 60 days after planting may be done to increase the garlic bulb yield. • To manage leaf spot / purple blotch in garlic crop, foliar application of mancozeb @ 2 g/l or copper oxychloride @ 2.5 g/l may be given during rain free period.
CARROT (Vegetative )	For the management of nematode in carrot: Soil application of neem cake @ 1 ton/ha at planting. Biofumigation of mustard plants followed by application of neem cake @ 250kg/ha along with Purpureocillium lilacinum @ 5kg/ha is recommended, Applying for may be given during rain free period.
BANANA (Transplanting)	Banana growth and Soil borne diseases Management: Soil application of FYM @ 10 kg + Neem cake @ 1.25 kg as basal; Vermicompost @ 5 kg after 3 months of planting and Wood ash @ 1.75 kg / plant after 5 months of planting; Triple green manuring with sunnhemp (one time) and Cowpea (two times) + biofertilizers viz., Arbuscular mycorrhiza (AM) @ 25g, Azospirillum @ 50 g, Phosphate solubilizing bacteria (PSB) @ 50 g and Trichoderma harzianum @ 50 g/ plant is recommended for organic cultivation of banana, application can be made during the rain-free period.

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

### Agro Advisory

Crop	Stage	Advisory
General		Farmers are advised to provide adequate drainage facilities to all crops due to light rainfall forecast.
		Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI).
Rice	Nursery	Considering favourable weather, prepare nursery for samba crop and make sowing.
	Main field	By utilizing weather condition land can be prepared for samba rice cultivation before rain.
Banana		Provide support with wooden poles to avoid lodging of tree due to wind.



Cattle	Cow	Since the onset of rainy season may attract mosquitoes breeding, farmers are advised to give Notchi leaves fumigation in dairy barn. Insect population has detrimental effect on milk quality.
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SMS advisory

By utilizing weather condition land can be prepared for samba rice cultivation before rain.

## Dindigul

SMS Advisory	Chances of Moderate rain on 21, 22 Aug & light rain during 23, 24, 25 Aug. Maximum temperature would be in the range of 33°C to 35°C and the minimum temperature would be between 23°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6 – 12 Kmph from, Southwest & West directions.
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General Advisory:

Extended range Forecast for next week (23rd to 29th August 2024):

Rainfall:

As per extended range predictions, there is possibility of above normal rainfall likely over the district during 23rd to 29th August 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 23rd to 29th August 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 18°C to 24°C over the district during next week 23rd to 29th August 2024.

Heavy rain is likely to occur at isolated places over the district on 21 & 22 August 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, inter-cultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

Livestock:

Light to Moderate rain with thunderstorm & lightning is likely to occur at isolated places over the district on 21 & 22 August 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: (Bhendi, Jasmine & Animal Husbandry)

Bhendi:

At this prevailing weather condition, a foliar spray of nutrition is essential to increase the yield in Bhendi crop.

After 30 days of sowing, spray one per cent urea solution three times at an interval of 10 days.

By dissolving 17 grams of muriate of potash in one litre of water and spraying on the 30th, 45th and 60th day of sowing, the yield can be increased.

For hybrids, spray 5%(5g per litre) water soluble 19-19-19 fertilizer 3 times at an interval of 10 days from the 30th day of planting.

Jasmine:

The incidence of sucking pests is noticed in floricultural crops such as Rose, Jasmine and Tuberose.

These pests affect at all the stages of the crop.

To control the sucking pests, tie Yellow sticky trap at 15-20 traps per acre.

Using chemical method, spraying of Prophenophos @ 2 ml per litre of water is recommended.

Animal Husbandry:

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

Farmers should avoid tethering animals near barbed wire fencing posts and trees. Trees near the animal sheds should be pruned to avoid accidental falls over during heavy wind.

Further trees like rain trees and vathanarayanan are more prone to uprooting. More chance of lightning near the hilly area and undulated landscapes than in plains.

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

## Madurai

SMS Advisory	Chances of Moderate rain on 21, 22 Aug & light rain during 23, 24, 25 Aug. Maximum temperature would be in the range of 33°C to 35°C and the minimum temperature would be between 23°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10 – 14 Kmph from, Southwest direction.
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General Advisory:

Extended range Forecast for next week (23rd to 29th August 2024):

Rainfall:

As per extended range predictions, there is possibility of above normal rainfall likely over the district during 23rd to 29th August 2024.

#### Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 23rd to 29th August 2024.

#### Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 18°C to 24°C over the district during next week 23rd to 29th August 2024.

Heavy rain is likely to occur at isolated places over the district on 21 August 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

#### Livestock:

Light to Moderate rain with thunderstorm & lightning is likely to occur at isolated places over the district on 21 & 22 August 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: (Banana, Paddy & Animal Husbandry)

##### Banana:

Farmers who have planted banana crop should apply 20gm each of Azospirillum and Phosphobacteria per plant at the growing stage, once at one month after planting and again after 5 months after planting.

##### Paddy:

Kind attention to Paddy cultivators, paddy crops are prone to the attack of sap sucking insects due to high humidity in the air. Spray Azadirachtin @ 2ml/litre of water with sticking paste, to control thrips and sap sucking insects.

##### Animal Husbandry:

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

Farmers should avoid tethering animals near barbed wire fencing posts and trees. Trees near the animal sheds should be pruned to avoid accidental falls over during heavy wind.

Further trees like rain trees and vathanarayanan are more prone to uprooting. More chance of lightning near the hilly area and undulated landscapes than in plains.

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

## Pudukottai

SMS Advisory	Chances of Moderate rain on 21 Aug & light rain on 22 Aug. Maximum temperature would be in the range of 34°C to 36°C and the minimum temperature would be 28°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 12 – 24 Kmph from, Southwest direction.
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General Advisory:

Extended range Forecast for next week (23rd to 29th August 2024):

Rainfall:

As per extended range predictions, there is possibility of near normal to below normal rainfall likely over the district during 23rd to 29th August 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 32°C to 36°C over the plains of the district during next week. 23rd to 29th August 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 24°C to 26°C over the district during next week 23rd to 29th August 2024.

Wind with the speed of 12 to 24 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Livestock:

Light to Moderate rain with thunderstorm & lightning is likely to occur at isolated places over the district on 21 & 22 August 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: (Groundnut, Brinjal & Animal Husbandry)

Groundnut:

Due to the prevailing weather condition the infestation of early leaf spot is expected in Groundnut crop. Infection starts about a month after sowing.

Small chlorotic spots appear on leaflets, with time they enlarge and turn brown to black and assume sub circular shape on upper leaf surface.

Light brown colouration seen on lower surface of leaves. Lesions also appear on petioles, stems, stipules.

To control, spray Chlorothalonil @ 2gm per litre of water.

Brinjal:

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

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

Animal Husbandry:

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

Farmers should avoid tethering animals near barbed wire fencing posts and trees. Trees near the animal sheds should be pruned to avoid accidental falls over during heavy wind.

Further trees like rain trees and vathanarayanan are more prone to uprooting. More chance of lightning near the hilly area and undulated landscapes than in plains.

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

## Ramanathapuram

SMS Advisory	Chances of light rain on 22 Aug. Maximum temperature would be in the range of 34°C to 35°C and the minimum temperature would be between 23°C - 25°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 26 – 30 Kmph from, Southwest direction.
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General Advisory:

Extended range Forecast for next week (23rd to 29th August 2024):

Rainfall:

As per extended range predictions, there is possibility of above normal rainfall likely over the district during 23rd to 29th August 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 32°C to 36°C over the plains of the district during next week. 23rd to 29th August 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 24°C to 26°C over the district during next week 23rd to 29th August 2024.

Wind with the speed of 26 to 30 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava

and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Livestock:

Light to Moderate rain with thunderstorm & lightning is likely to occur at isolated places over the district on 21 & 22 August 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, Black gram & Animal Husbandry)

Tomato:

There are chances for the spread of soil-borne diseases in the tomato crop planted under rain fed conditions.

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

Black gram:

Spraying of the micronutrient is important for the Blackgram crop. Foliar spray of NAA 40mg/litre and Salicylic acid 100 mg/litre once at pre-flowering and another at 15 days later.

For rice fallow crops, foliar spray of DAP 20gm/litre once at flowering and another at 15 days later.

For irrigated and rain-fed crops, foliar spray of DAP 20gm/litre or Urea 20 gm/litre once at flowering and another at 15 days later.

Animal Husbandry:

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

Farmers should avoid tethering animals near barbed wire fencing posts and trees. Trees near the animal sheds should be pruned to avoid accidental falls over during heavy wind.

Further trees like rain trees and vathanarayanan are more prone to uprooting. More chance of lightning near the hilly area and undulated landscapes than in plains.

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

## Sivagangai

SMS Advisory	Chances of light rain on 21 & 22 Aug. Maximum temperature would be in the range of 33°C to 35°C and the minimum temperature would be between 23°C - 25°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10 – 24 Kmph from, Southwest direction.
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General Advisory:

Extended range Forecast for next week (23rd to 29th August 2024):

#### Rainfall:

As per extended range predictions, there is possibility of above normal rainfall likely over the district during 23rd to 29th August 2024.

#### Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 23rd to 29th August 2024.

#### Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 18°C to 24°C over the district during next week 23rd to 29th August 2024.

Wind with the speed of 10 to 24 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

#### Livestock:

Light to Moderate rain with thunderstorm & lightning is likely to occur at isolated places over the district on 21 & 22 August 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: (Groundnut, Guava & Animal Husbandry)

##### Groundnut:

Farmers who were cultivated groundnut in Adipattam.( Kharif season).are advised to taken up second weeding in groundnut field with forecasted light rain .

Also apply gypsum @ 160kg per acre and earth up.

##### Guava:

The incense of Tea mosquito bug in Guava. The pest incidence was noticed on young leaves and fruits of Guava.

To manage this pest, farmers are advised to collect and destroy the damaged plant parts and do regular pruning. Shade regulation facilitates proper penetration of sunlight inside the canopy which reduces the incidence of this pest.

Spray Neem oil @ 50ml + Pungam Oil @ 10ml with 10litres of water.

##### Animal Husbandry:

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

Farmers should avoid tethering animals near barbed wire fencing posts and trees. Trees near the animal sheds should be pruned to avoid accidental falls over during heavy wind.

Further trees like rain trees and vathanarayanan are more prone to uprooting. More chance of lightning near the hilly area and undulated landscapes than in plains.

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

## Theni

SMS Advisory	Chances of Moderate rain on 21, 22 Aug & light rain during 23, 24, 25 Aug. Maximum temperature would be in the range of 31°C to 33°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 10 – 14 Kmph from, Southwest & West directions.
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General Advisory:

Extended range Forecast for next week (23rd to 29th August 2024):

Rainfall:

As per extended range predictions, there is possibility of above normal rainfall likely over the district during 23rd to 29th August 2024.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 23rd to 29th August 2024.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 18°C to 24°C over the district during next week 23rd to 29th August 2024.

Heavy rain is likely to occur at isolated places over the district on 21 & 22 August 2024. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, inter-cultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to grazing outside, standing near the trees or electric poles & provide safe shelter.

Livestock:

Light to Moderate rain with thunderstorm & lightning is likely to occur at isolated places over the district on 21 & 22 August 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: (Jasmine, Banana & Animal Husbandry)

### Jasmine:

To control the root rot in Jasmine crop, during the flowering stage, soil drench with Trifloxystrobin + Tebuconazole @ 0.75 g/ litre or Difenoconazole @ 0.5g/ litre.

### Banana:

The incense of Rhizome weevil was noticed in the Banana. It grubs bore into the rhizome and caused the death of the plant.

The presence of dark-coloured tunnels is seen in the rhizomes. Death of unopened pipe and withering of outer leaves are the other symptoms.

Apply castor cake 250g per pit before planting which prevents infestation.

Soil incorporation at the time of planting with 60-100g of Neem kernel powder or Neem cake.

### Animal Husbandry:

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

Farmers should avoid tethering animals near barbed wire fencing posts and trees. Trees near the animal sheds should be pruned to avoid accidental falls over during heavy wind.

Further trees like rain trees and vathanarayanan are more prone to uprooting. More chance of lightning near the hilly area and undulated landscapes than in plains.

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

## Virudhunagar

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Light rainfall is predicted for next two days. Hence farmers are requested to postpone the irrigation.
Cotton	Sowing	Adopt synchronized sowing. Grow castor, cowpea, maize as bund crop or intercrop to encourage the activities of natural enemies. Basal application of 250 kg/ha of neem cake. Create trench/ drainage facilities to avoid water logging.
Pearl millet and sorghum	Rainfall	Farmers are requested to practice seed hardening before sowing. For Pearl millet & Sorghum: 2% potassium chloride (Dissolve 20 gm of salt in 1000 ml of water). Soak 1 kg of seed in 650 ml of this solution for 10 hours and dry back to original moisture.
Paddy	Vegetative stage	Avoid irrigation and fertilizer.
Green manure crop		Livestock - Sun hemp can be used livestock feed. Horticultural crops - It can be raised inside the basin to maintain the moisture and improve the soil nutrient.

Rain: 21&22.08-5&6 mm. Cotton - Adopt synchronized sowing. Grow castor, cowpea, maize as bund crop or intercrop. Create trench/ drainage facilities to avoid water logging.

Tamil Nadu		
Weather forecast	Next five days	Light to moderate rain at many places with thunderstorm and lightning at isolated places is likely to occur over Tamilnadu. Heavy rain is likely to occur at isolated places over Tirunelveli, Tenkasi, on Day 1 (21.08.2024). Light to moderate rain at a few places with thunderstorm and lightning at isolated places is likely to occur over Tamilnadu on Day 2 (22.08.2024). Light to moderate rain is likely to occur at one or two places over Tamilnadu from Day 3 (23.08.2024) to Day 5 (25.08.2024).

## Tirunelveli

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very light to moderate rainfall is predicted for next five days, hence farmers are requested to postponed the irrigation for next five days.
Plant protection	Rainfall	Avoid spraying.
Paddy	Vegetative to Milking stage	Proper drainage facilities to be maintain to avoid lodging.
Vegetables	Rainfall	Harvest the products as earlier to avoid the rainfall damage
Green manure crop		Livestock - Sun hemp can be used livestock feed. Horticultural crops - It can be raised inside the basin to maintain the moisture and improve the soil nutrient.
Banana	Bunch development stage	<ul style="list-style-type: none"> <li>• Prevailing wind speed and rainfall may damage the crop. Farmers are advised to do propping.</li> </ul> Proper drainage and earthing up may be practiced to avoid lodging. Use transparent polyethylene sleeves with 4% ventilation to cover the bunch immediately after opening of last hand to blemish free fruits with uniform size and quality.

SMS: Rain: 21-25.08-22,9,2,3&2 mm. Paddy - Avoid irrigation and provide drainage facilities to avoid lodging.

Tamil Nadu		
Weather forecast	Next five days	Light to moderate rain at many places with thunderstorm and lightning at isolated places is likely to occur over Tamilnadu. Heavy rain is likely to occur at isolated places over Tirunelveli, Tenkasi, on Day 1 (21.08.2024). Light to moderate rain at a few places with thunderstorm and lightning at isolated places is likely to occur over Tamilnadu on Day 2 (22.08.2024). Light to moderate rain is likely to occur at one or two places over Tamilnadu from Day 3 (23.08.2024) to Day 5 (25.08.2024).

## Thoothukudi

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Very light to light rainfall is predicted for next two days. Farmers are advised to avoid irrigation for next two days.
Rainfed	Land preparation	In order to improve the soil quality, recycle the residues of harvested crops of maize, sorghum and pulses. Use rotovator or rotoslasher for cutting the residues into small pieces and incorporate them into the soil.
Paddy	Vegetative to Milking stage	Provide drainage facilities and avoid fertilizer.
Green manure crop		Paddy - Raise green manure crop by using unexpected rainfall. Green manures like daincha and sunn hemp may be sown adopting a seed rate of 20 kg/ ha. The green manure can be incorporated at 50% flowering stage (45- 50 days) using rotovator. Livestock - Sun hemp can be used livestock feed. Horticultural crops - It can be raised inside the basin to maintain the moisture and improve the soil nutrient.
Banana	Bunch development stage	Prevailing wind speed and rainfall may damage the crop. Farmers are advised to do propping. Proper drainage and earthing up may be practiced to avoid lodging. Use transparent polyethylene sleeves with 4% ventilation to cover the bunch immediately after opening of last hand to blemish free fruits with uniform size and quality.

SMS: Rain: 21&22.08-2&5 mm. Avoid irrigation. Banana- propping and drainage facilities to be practiced.

Tamil Nadu		
Weather forecast	Next five days	Light to moderate rain at many places with thunderstorm and lightning at isolated places is likely to occur over Tamilnadu. Heavy rain is likely to occur at isolated places over Tirunelveli, Tenkasi, on Day 1 (21.08.2024). Light to moderate rain at a few places with thunderstorm and lightning at isolated places is likely to occur over Tamilnadu on Day 2 (22.08.2024). Light to moderate rain is likely to occur at one or two places over Tamilnadu from Day 3 (23.08.2024) to Day 5 (25.08.2024).

## Kanyakumari

### AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Horticultural crops.	All stages	As rainy weather is expected in the coming days strengthening the basins for coconut, nutmeg, pepper and cinnamon trees may be taken up for better harvesting of rains.
2.	Clove and Cinnamon	All stages	Avoid moisture loss by the application of mulching in clove and cinnamon field through farm waste materials.

3.	Paddy	Panicle initiation stage	In the prevailing weather condition leaf sheath diseases of paddy is noticed. To control spray carbendazim @ 1g per litre of water.
4.	Coconut	All stages	Green manure crops sown in the coconut basin or in the interspace of coconut gardens have to be incorporated into the soil if they have attained 50% flowering.
5.	Banana	Bunching	Wind speed (12 - 20 km/hr) is anticipated during forth coming days and so it is advised to provide mechanical support to banana to avoid lodging.

#### SMS Advisory

Husk burial can be done in coconut basins or in the interspaces to preserve rain water.

## Salem

#### Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>During parturition (calving and lambing), minor laceration &amp; abrasions in the reproductive tract likely to occur. Also after parturition, continuous uterine discharges will be there for few days in the cows and goats. All of these would attract the myiasis producing flies to deposit their eggs, leading to wound myiasis. Hence, if such lesions occur, fly repellents like neem oil / ointment may be applied to prevent myiasis.</p> <p>Due to continuous rains, the sheds of cattle and goats are likely to get waterlogged and muddy. As a result, livestock are likely to get affected with mastitis and hoof related diseases. Hence, all the farmers are advised to make proper drainage facility so that rainwater does not accumulate in the shed and to fill the holes inside the shed with fresh soil. Also, farmers are advised to immediately dispose the feed waste, dung and urine that accumulate in the shed and periodically sprinkle lime powder to avoid the spread of disease.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Paddy	Transplanting period	Paddy growing farmers are requested to apply 5 kg zinc solubilising bacteria and 10 kg zinc sulphate as basal dose. Also, give 5 – 10 days interval between the application of bacteria and zinc sulphate fertilizers. Don't apply both the sources together.
Maize	Vegetative stage	Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide to control maize fall army worm pest during initial stage of the crop.
Turmeric	Vegetative stage	Turmeric farmers are requested to apply 200 kg of well decomposed farm yard manure along with each 5 kg Azospirillum, Phosphobacteria and Trichoderma viride by using current rainfall for an acre of land to prevent rhizome rot and to improve the crop growth. Also, farmers are requested to sow moth bean seeds in between the rows of turmeric and incorporate the same in the field within 30 – 45 days after sowing in order to reduce weed growth and build up nitrogen in the soil.

Crops	General	It is expected to receive rainfall in the forth coming days, farmers are advised to form bund around the field which facilitates infiltration of rain water in to the field and also to prevent the wastage of rain water. Also, farmers are advised to refrain from activities such as watering and spraying pesticides for their crops.
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## Namakkal

### Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>During parturition (calving and lambing), minor laceration &amp; abrasions in the reproductive tract likely to occur. Also after parturition, continuous uterine discharges will be there for few days in the cows and goats. All of these would attract the myiasis producing flies to deposit their eggs, leading to wound myiasis. Hence, if such lesions occur, fly repellents like neem oil / ointment may be applied to prevent myiasis.</p> <p>Due to continuous rains, the sheds of cattle and goats are likely to get waterlogged and muddy. As a result, livestock are likely to get affected with mastitis and hoof related diseases. Hence, all the farmers are advised to make proper drainage facility so that rainwater does not accumulate in the shed and to fill the holes inside the shed with fresh soil. Also, farmers are advised to immediately dispose the feed waste, dung and urine that accumulate in the shed and periodically sprinkle lime powder to avoid the spread of disease.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Paddy	Transplanting period	Paddy growing farmers are requested to apply 5 kg zinc solubilising bacteria and 10 kg zinc sulphate as basal dose. Also, give 5 – 10 days interval between the application of bacteria and zinc sulphate fertilizers. Don't apply both the sources together.
Maize	Vegetative stage	Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide to control maize fall army worm pest during initial stage of the crop.
Turmeric	Vegetative stage	Turmeric farmers are requested to apply 200 kg of well decomposed farm yard manure along with each 5 kg Azospirillum, Phosphobacteria and Trichoderma viride by using current rainfall for an acre of land to prevent rhizome rot and to improve the crop growth. Also, farmers are requested to sow moth bean seeds in between the rows of turmeric and incorporate the same in the field within 30 – 45 days after sowing in order to reduce weed growth and build up nitrogen in the soil.
Crops	General	It is expected to receive rainfall in the forth coming days, farmers are advised to form bund around the field which facilitates infiltration of rain water in to the field and also to prevent the wastage of rain water. Also, farmers are advised to refrain from activities such as watering and spraying pesticides for their crops.

## Dharmapuri

### Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>During parturition (calving and lambing), minor laceration &amp; abrasions in the reproductive tract likely to occur. Also after parturition, continuous uterine discharges will be there for few days in the cows and goats. All of these would attract the myiasis producing flies to deposit their eggs, leading to wound myiasis. Hence, if such lesions occur, fly repellents like neem oil / ointment may be applied to prevent myiasis.</p> <p>Due to continuous rains, the sheds of cattle and goats are likely to get waterlogged and muddy. As a result, livestock are likely to get affected with mastitis and hoof related diseases. Hence, all the farmers are advised to make proper drainage facility so that rainwater does not accumulate in the shed and to fill the holes inside the shed with fresh soil. Also, farmers are advised to immediately dispose the feed waste, dung and urine that accumulate in the shed and periodically sprinkle lime powder to avoid the spread of disease.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Paddy	Transplanting period	Paddy growing farmers are requested to apply 5 kg zinc solubilising bacteria and 10 kg zinc sulphate as basal dose. Also, give 5 – 10 days interval between the application of bacteria and zinc sulphate fertilizers. Don't apply both the sources together.
Maize	Vegetative stage	Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide to control maize fall army worm pest during initial stage of the crop.
Turmeric	Vegetative stage	Turmeric farmers are requested to apply 200 kg of well decomposed farm yard manure along with each 5 kg Azospirillum, Phosphobacteria and Trichoderma viride by using current rainfall for an acre of land to prevent rhizome rot and to improve the crop growth. Also, farmers are requested to sow moth bean seeds in between the rows of turmeric and incorporate the same in the field within 30 – 45 days after sowing in order to reduce weed growth and build up nitrogen in the soil.
Crops	General	It is expected to receive rainfall in the forth coming days, farmers are advised to form bund around the field which facilitates infiltration of rain water in to the field and also to prevent the wastage of rain water. Also, farmers are advised to refrain from activities such as watering and spraying pesticides for their crops.

## Krishnagiri

### Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	During parturition (calving and lambing), minor laceration & abrasions in the reproductive tract likely to occur. Also after parturition, continuous uterine discharges will be there for few days in the cows and goats. All of these would attract

		<p>the myiasis producing flies to deposit their eggs, leading to wound myiasis. Hence, if such lesions occur, fly repellents like neem oil / ointment may be applied to prevent myiasis.</p> <p>Due to continuous rains, the sheds of cattle and goats are likely to get waterlogged and muddy. As a result, livestock are likely to get affected with mastitis and hoof related diseases. Hence, all the farmers are advised to make proper drainage facility so that rainwater does not accumulate in the shed and to fill the holes inside the shed with fresh soil. Also, farmers are advised to immediately dispose the feed waste, dung and urine that accumulate in the shed and periodically sprinkle lime powder to avoid the spread of disease.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Paddy	Transplanting period	Paddy growing farmers are requested to apply 5 kg zinc solubilising bacteria and 10 kg zinc sulphate as basal dose. Also, give 5 – 10 days interval between the application of bacteria and zinc sulphate fertilizers. Don't apply both the sources together.
Maize	Vegetative stage	Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide to control maize fall army worm pest during initial stage of the crop.
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Crops	General	It is expected to receive rainfall in the forth coming days, farmers are advised to form bund around the field which facilitates infiltration of rain water in to the field and also to prevent the wastage of rain water. Also, farmers are advised to refrain from activities such as watering and spraying pesticides for their crops.

## Karaikal

### Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Cotton	Flowering to picking stage	To manage mealy bug in cotton, spray Thiamethoxam 25 WG @ 0.2 g/l or Buprofezin 25 SC @ 2 ml/l.
		To manage white fly in cotton, spray Azadirachtin 0.03 (300 ppm) @ 5-10 ml/l or Thiamethoxam 25 WG 0.4 g/l.
Brinjal	Bearing stage	To manage tobacco cutworm in brinjal, spray Bacillus thuringiensis 2 g/l or Novaluron 10% EC 1 ml/l or flubendamide 0.2 – 0.3 ml/l
Cattle	Babesiasis	The prevailing weather conditions are favorable for the Babesiasis disease in cattle. High fever, dark coloured urine, less intake of feed and less milk yield are the symptoms of Babesiasis disease. If these symptoms appear in the cattle, contact nearby dispensary. As a preventive measure, apply Butox @ 2 ml/l of water on cattle and also spray it on the

		nearby areas of the cattle shed to control ectoparasites
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SMS: Light rain is expected for next few days. Hence, postpone irrigation to crops.

## Puducherry

### Agro Advisory

Crop	Stage/ Particulars	Agro Advisory
Rice	Tillering stage	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.
		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.
Groundnut	-	In groundnut, to manage tikka leaf spot disease, spray Mancozeb @ 2 g/ litre.
Cassava	Vegetative stage	To manage cassava mosaic disease CMD in tapioca, spray 3% neem oil or methyl dematon 2ml/lit or Dimethoate 1ml/lit or Acetamiprid 0.3g/l.
Sugarcane	Vegetative stage	In Sugarcane, to manage mealy bug, spray Methyl Parathion 50 EC @ 2ml/l.
Brinjal	Flowering to Bearing stage	To manage tobacco cutworm in brinjal, spray <i>Bacillus thuringiensis</i> 2g/l or Novaluron 10% EC 1 ml/l or flubendamide 0.2 – 0.3 ml/l
Cattle	Babesiasis	The prevailing weather conditions are favorable for the Babesiasis disease in cattle. High fever, dark coloured urine, less intake of feed and less milk yield are the symptoms of Babesiasis disease. If these symptoms appear in the cattle, contact nearby dispensary. As a preventive measure, apply Butox @ 2 ml/l of water on cattle and also spray it on the nearby areas of the cattle shed to control ectoparasites.

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

