



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 061/2022

For the period 0830 IST, 02nd August 2022 to
0830 IST, 07th August 2022

Issued on Tuesday, 02nd August 2022

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, Thiruvarur, Karur, Perambalur, Ariyalur and Tiruchirapalli. | Adudurai |
| 5 | Southern zone | Virudhunagar, Tirunelveli and Thoothugudi | Kovilpatti |
| 6 | South Zone | Pudukkottai, Madurai, Dindigul, Theni, Ramanathapuram and Sivagangai | Kannivadi |
| 7 | High rainfall zone | Kanyakumari | Pechiparai |
| 8 | Hilly zone | Nilgiris | Ooty |
| 9 | Coastal Zone | Karaikal and Pondicherry | Karaikal |



Past Weather Summary for the period 29.07.22 to 01.08.22 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 31°C – 37°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 19°C – 24°C during the period.

Minimum temperature of range 22°C - 28°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 10°C - 11°C during the same period.

Spatial distribution of Rainfall

| Spatial distribution of Rainfall | Date | Area |
|----------------------------------|---|------------|
| Widespread (Most places) | -- | -- |
| Fairly widespread (Many places) | 01.08.22 | Tamil Nadu |
| Scattered (Few Places) | 31.07.22 | Tamil Nadu |
| Isolated (One or Two Places) | 29.07.22 & 30.07.22 | Tamil Nadu |
| Dry | 29.07.22, 30.07.22, 31.07.22 & 01.08.22 | Puducherry |

Chief Amounts of Rainfall (in cms):-

29.07.22 : Thekkadi (dist Theni) 9, Kodaikanal (dist Dindigul), Periyar (dist Theni) 6 each, Ketti (dist Nilgiris), Coonoor (dist Nilgiris), Kodaikanal Boat Club (dist Dindigul), Alakarai Estate (dist Nilgiris), Adar Estate (dist Nilgiris), Periyakulam (dist Theni) 5 each, Bodinaickanur (dist Theni), Amaravathy Dam (dist Tiruppur), Tenkasi 4 each, Palani (dist Dindigul), Valparai Taluk Office (dist Coimbatore), Valparai PAP (dist Coimbatore), Sathyamangalam (dist Erode), Chinnakalar (dist Coimbatore), Coonoor PTO (dist Nilgiris), Andipatti (dist Theni), Rasipuram (dist Namakkal), Burliar (dist Nilgiris), Taluk office, Pandalur (dist Nilgiris), Cherumulli (dist Nilgiris) 3 each, Devala (dist Nilgiris), Manjalar (dist Nilgiris), Billimalai Estate (dist Nilgiris), Kothagiri (dist Nilgiris), Wood Braiyar Estate (dist Nilgiris), Sothuparai (dist Theni), Nannilam (dist Tiruvarur), Dharapuram (dist Tiruppur), Kuppanampatti (dist Madurai), Sholayar (dist Coimbatore), Kannimar (dist Kanyakumari), Perunchani (dist Kanyakumari), Suralacode (dist Kanyakumari), Walajabad (dist Kancheepuram), Vadipatti (dist Madurai), Ayikudi (dist Tenkasi), Perunchani (dist Kanyakumari), Sandhiyur_KVK AWS (dist Salem) 2 each, Valparai PTO (dist Coimbatore), Periyanaickenpalayam (dist Coimbatore), Cincona (dist Coimbatore), Annur (dist Coimbatore), Coimbatore South (dist Coimbatore), Coimbatore AWS (dist Coimbatore), Nilakottai (dist Dindigul), Uthiramerur (dist Kancheepuram), Uthagamandalam (dist Nilgiris), Bhavanisagar (dist Erode), Yercaud PTO (dist Salem), Bhoothapandy (dist Kanyakumari), Gobichettipalayam (dist Erode), Thirumoothi Dam (dist Tiruppur), Kumarapalayam (dist Namakkal), Sholavandan (dist Madurai), Gudalur Bazar (dist

Nilgiris), Nanguneri (dist Tirunelveli), Salem, Mettupatti (dist Madurai), Puduchatram (dist Namakkal), Puthan Dam (dist Kanyakumari) 1 each.

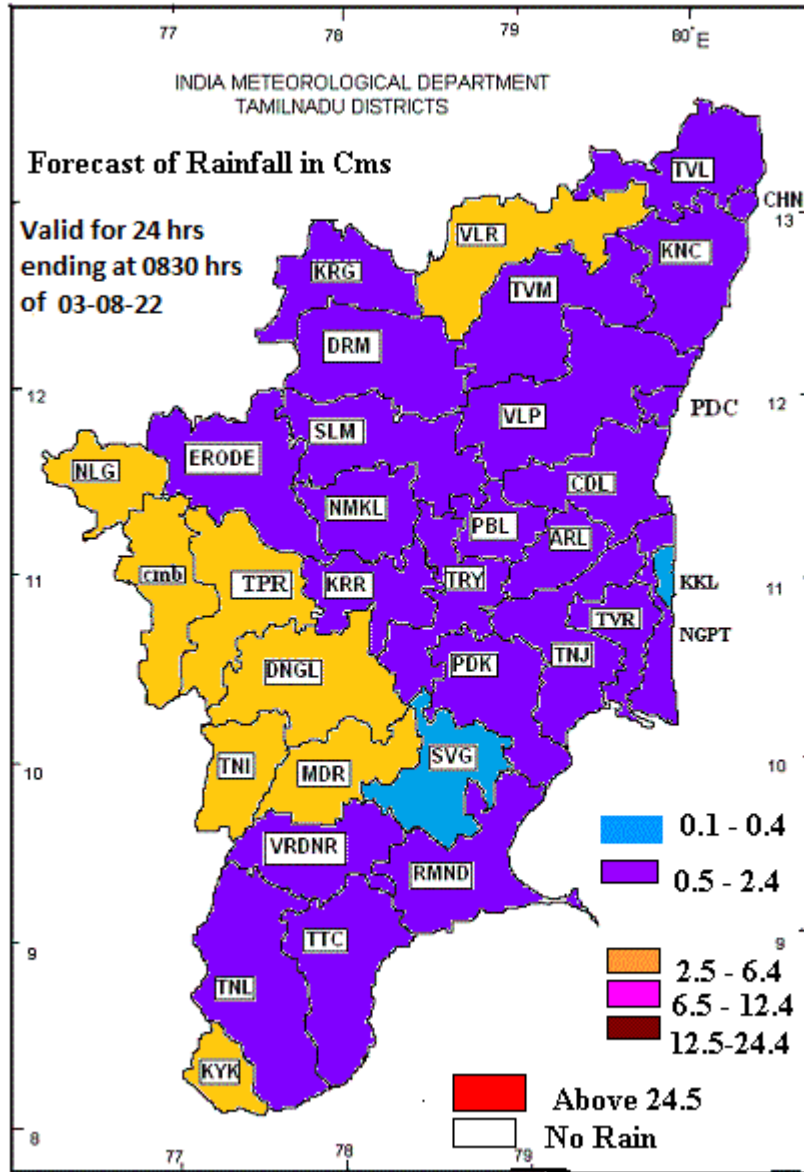
30.07.22 : Periyakulam (dist Theni) 15, Vaigai Dam (dist Theni) 9, Chinnakalar (dist Coimbatore), Danishpet (dist Salem) 3 each, Mettur (dist Salem), Dharmapuri Pto (dist Dharmapuri), Malaiyur (dist Pudukkottai), Hosur (dist Krishnagiri) 2 each, Alangudi (dist Pudukkottai), Coimbatore South (dist Coimbatore), Omalur (dist Salem), Palacode (dist Dharmapuri), Cincona (dist Coimbatore), Valparai Pto (dist Coimbatore) 1 each.

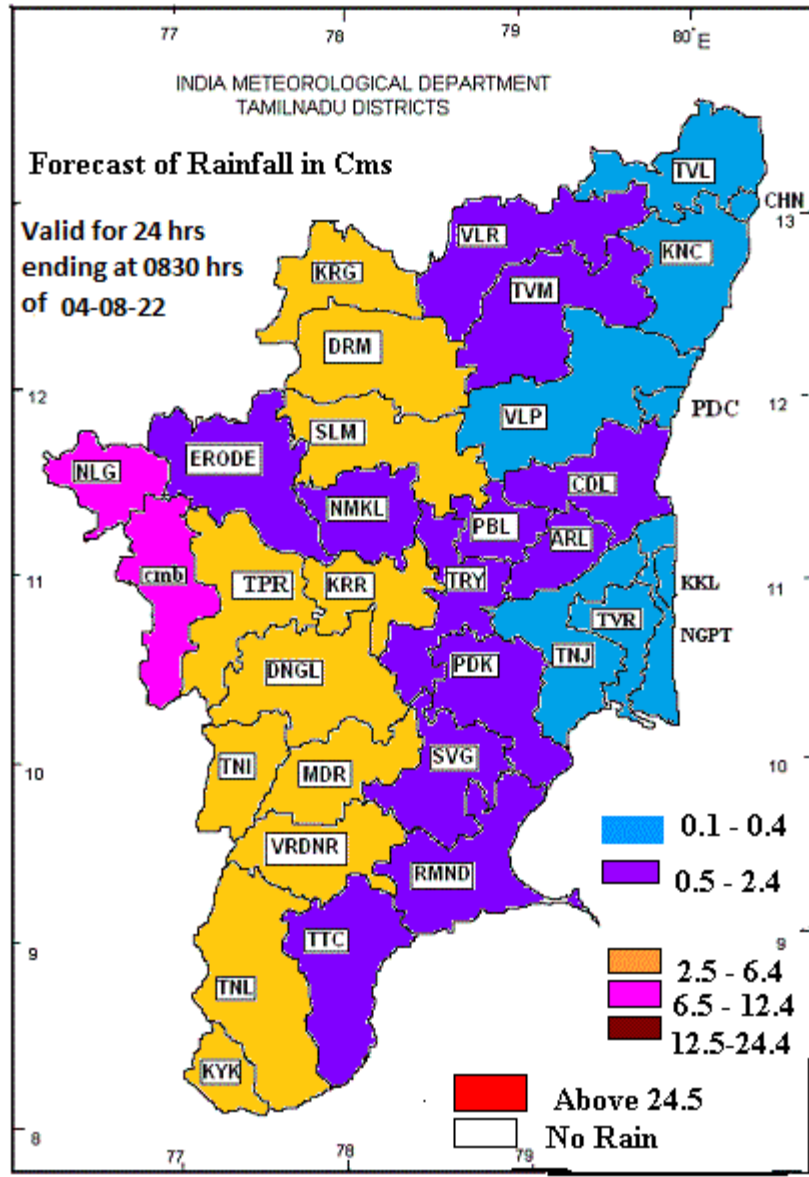
31.07.22 : Usilampatti (dist Madurai) 11, Tirupuvanam (dist Sivaganga) 10, Kuppanampatti (dist Madurai), Vilathikulam (dist Toothukudi), Periyakulam (dist Theni) 8 each, Odanchatram (dist Dindigul), Naduvattam (dist Nilgiris), Tallakulam (dist Madurai), Cincona (dist Coimbatore) Madurai South (dist Madurai) 7 each, Sholavandan (dist Madurai), Valparai PTO (dist Coimbatore) 6 each, Thekkadi (dist Theni), Veerapandi (dist Theni), Chinnakalar (dist Coimbatore), Tiruvarur (dist Tiruvarur), Marandahalli (dist Dharmapuri), Andipatti (dist Madurai), Paparapatty KVK (dist Dharmapuri) 5 each, Keeranur (dist Pudukkottai), Nilakottai (dist Dindigul), Valparai Taluk Office (dist Coimbatore), Kuzhithurai (dist Kanyakumari), Thali (dist Krishnagiri), Viraganur Dam (dist Madurai), Kodaikanal (dist Dindigul), Hogenekal (dist Dharmapuri), Thanjavur (dist Thanjavur), Pandalur Taluk office (dist Nilgiris), Kodaikanal Boat Club (dist Dindigul) 4 each, Paiyur AWS (dist Krishnagiri), Peraiyur (dist Madurai), Andipatti (dist Theni), Virudhunagar (dist Virudhunagar), Gudalur (dist Theni), Kallikudi (dist Madurai), Coonoor PTO (dist Nilgiris), Manalmedu (dist Mayiladuthurai), Pennagaram (dist Dharmapuri), Periyar (dist Theni), Vadipatti (dist Madurai), Peelamedu AP (dist Coimbatore), Pullambadi (dist Trichy), Manamadurai (dist Sivaganga), Vaigai Dam (dist Theni) 3 each, Denkanikottai (dist Krishnagiri), Dharmapuri PTO (dist Dharmapuri), Orthanad (dist Thanjavur), Nannilam (dist Tiruvarur), Uttamapalayam (dist Theni), Surangudi (dist Toothukudi), Kundha Bridge (dist Nilgiris), Sholayar (dist Coimbatore), Pulipatti (dist Madurai), Udumalpet (dist Tiruppur), Madurai Airport (dist Madurai), Valangaiman (dist Tiruvarur), Mayiladuthurai (dist Mayiladuthurai), Thanjavur PTO (dist Thanjavur), Pappireddipatti (dist Dharmapuri), Tirumangalam (dist Madurai), Arimalam (dist Pudukkottai), Budalur (dist Thanjavur), Coimbatore South (dist Coimbatore), Kamatchipuram (dist Dindigul), Sattur (dist Virudhunagar), Danishpet (dist Salem), Tirupattur (dist Tirupattur), Kothagiri (dist Nilgiris), Kodavasal (dist Tiruvarur), Sethiathope (dist Cuddalore), Mettupatti (dist Madurai), Periyakulam PTO (dist Theni), West Tambaram (dist Kancheepuram) 2 each, Mannargudi (dist Tiruvarur), Karambakudi (dist Pudukkottai), Chengalpattu (dist Chengalpattu), Gudalur Bazar (dist Nilgiris), Rayakottah (dist Krishnagiri), Uthangarai (dist Krishnagiri), Thanjai Papanasam (dist Thanjavur), Bodinaickanur (dist Theni), Mettur (dist Salem), Shoolagiri (dist Krishnagiri), Dharmapuri (dist Dharmapuri), Erode (dist Erode), Anjatti (dist Krishnagiri), Kovilankulam (dist Virudhunagar), DATE: Sunday, July 31, 2022 (9 Sravana 1944 SAKA) Time of issue: 1300 Hrs IST Tirupathur PTO (dist Tirupattur), Pilavakkal (dist Virudhunagar), Krishnagiri (dist Krishnagiri), Ayyampettai (dist Thanjavur), Devala (dist Nilgiris), Barur (dist Krishnagiri), Ettayapuram (dist Toothukudi), Palacode (dist Dharmapuri), Sivaganga (dist Sivaganga), Aruppukottai (dist Virudhunagar), Nedungal (dist Krishnagiri), Nagercoil (dist Kanyakumari), Thalavadi (dist Erode), Pandavaiyar Head (dist Tiruvarur), Kovilpatti (dist Trichy), Avalanche (dist Nilgiris), Coimbatore AWS (dist Coimbatore) 1 each.

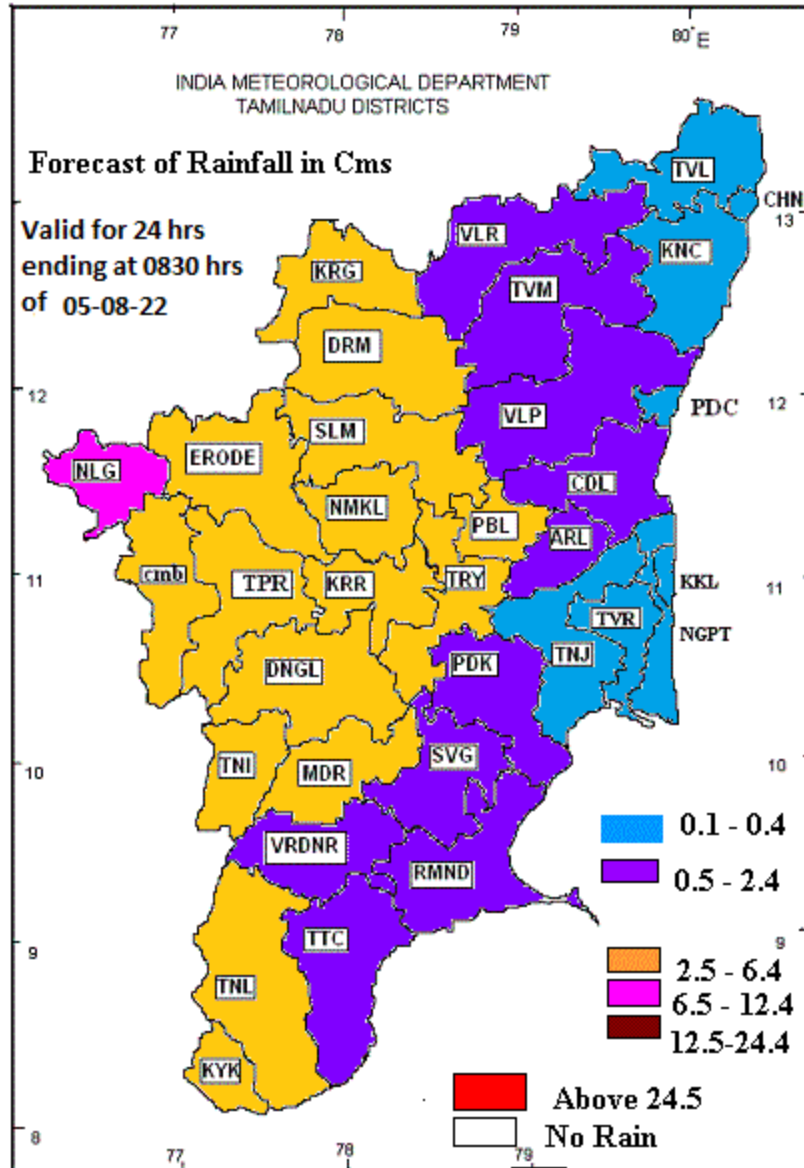
01.08.22 : Usilampatti (dist Madurai) 23, Tirupuvanam (dist Sivaganga) 12, Kuppanampatti (dist Madurai) 10, Dindigul (dist Dindigul), Chittampatti (dist Madurai) 8 each, Naduvattam (dist Nilgiris), Namakkal (dist Namakkal), Perundurai (dist Erode), Veerapandi (dist Theni), Vaigai Dam (dist Theni), Pandalur Taluk Office (dist Nilgiris) 7 each, Madurai Airport (dist Madurai), Valparai Taluk Office (dist

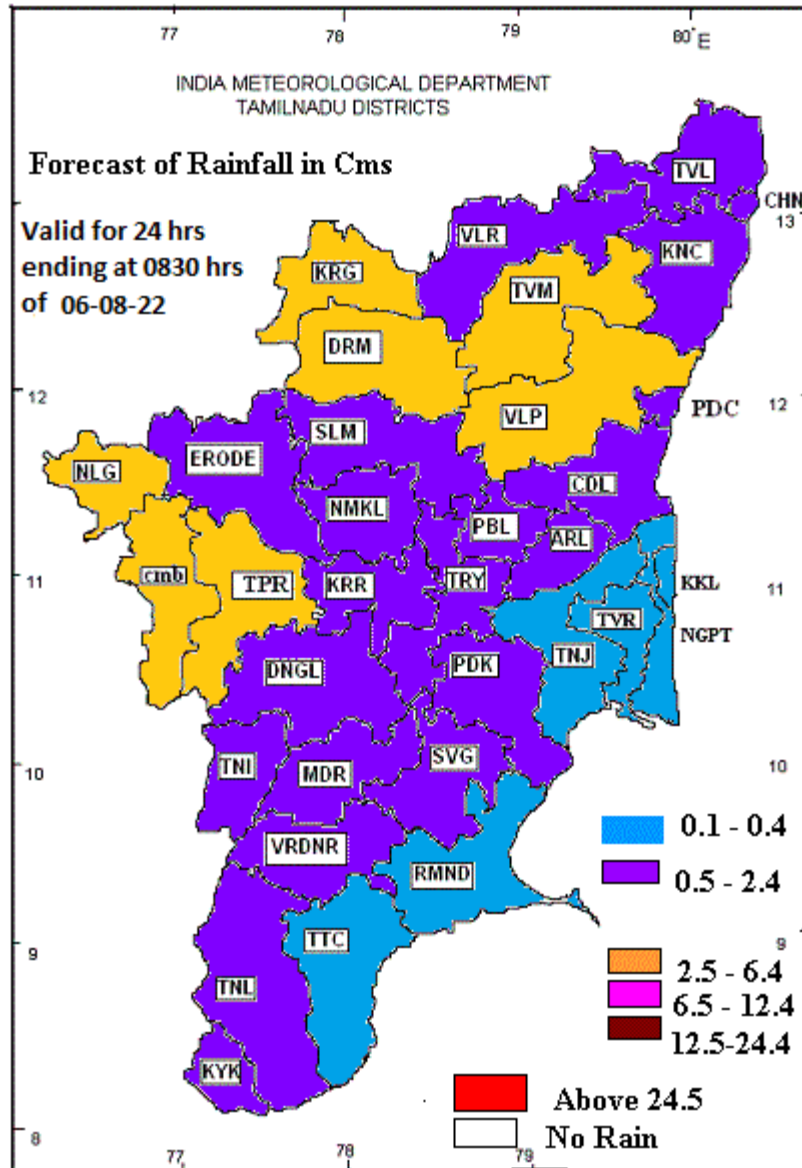
Coimbatore), Andipatti (dist Theni), Sholayar (dist Coimbatore), Chinnakalar (dist Coimbatore), Manapparai (dist Trichy), Manjalar (dist Theni), Kethandapatti (dist Tirupathur) 6 each, Vepur (dist Cuddalore), Cheranmahadevi (dist Tirunelveli), Thekkadi (dist Theni), Pulipatti (dist Madurai), Ambur (dist Tirupattur), Marandahalli (dist Dharmapuri), G Bazar (dist Nilgiris), Madurai South (dist Madurai), Tirumangalam (dist Madurai), Ponmalai (dist Trichy), Perunchani Dam (dist Kanyakumari), Kilacheruvai (dist Cuddalore), Kalial (dist Kanyakumari) 5 each, Shoolagiri (dist Krishnagiri), Aranmanaipudur (dist Theni), Natrampalli (dist Tirupattur), Periyakulam (dist Theni), Avalanche (dist Nilgiris), Agaram Seegoor (dist Perambalur), Gobichettipalayam (dist Erode), Yelagiri ARG (Tirupathur) 4 each, Neyveli AWS (dist Cuddalore), Emeralad (dist Nilgiris), Sivaganga (dist Sivaganga), Aravakurichi (dist Karur), Melalathur (dist Vellore), Kodaikanal (dist Dindigul), Kariyapatti (dist Virudhunagar), Muthupet (dist Tiruvarur), Denkanikottai (dist Krishnagiri), Arani (dist Tiruvannamalai), Mulanur (dist Tiruppur), Thiruchuzhi (dist Virudhunagar), Sendamangalam (dist Namakkal), Mohanur (dist Namakkal), Thuvakudi Imti (dist Trichy), Devala (dist Nilgiris), Kuzhithurai (dist Kanyakumari), Kovilpatti (dist Trichy), Musiri (dist Trichy), Hosur (dist Krishnagiri), Ulundurpet (dist Kallakurichi), Kallakurichi (dist Kallakurichi), Sathyamangalam (dist Erode), Tallakulam (dist Madurai), Suralacode (dist Kanyakumari), Tirupattur (dist Tirupattur), Kangeyam (dist Tiruppur), Paramathivelur (dist Namakkal), Vathalai Anaicut (dist Trichy), Glenmorgan (dist Nilgiris), Periyanaickenpalayam (dist Coimbatore), Vellore (dist Vellore), Thuckalay (dist Kanyakumari), Kaveripakkam (dist Ranipet), Mayanur (dist Karur), Thuraiyur (dist Trichy), Valparai PTO (dist Coimbatore), Virudhachalam KVK (dist Cuddalore) 3 each, Srimushnam (dist Cuddalore), Trichy Town (dist Trichy), Virinjipuram AWS (dist Vellore), Erode (dist Erode), Eraiyur (dist Perambalur), Avinasi (dist Tiruppur), Uthangarai (dist Krishnagiri), Peraiyur (dist Madurai), Kadavur (dist Karur), Uthukuli (dist Tiruppur), Coimbatore Aws (dist Coimbatore), DATE: Monday, August 1, 2022 (10 Sravana 1944 SAKA) Time of issue: 1300 Hrs IST Bodinaickanur (dist Theni), Penucondapuram (dist Krishnagiri), Melur (dist Madurai), Uthukottai (dist Tiruvallur), Rayakottah (dist Krishnagiri), Ketti (dist Nilgiris), Panchapatti (dist Karur), Kulithalai (dist Karur), Tindivanam (dist Villupuram), Dharapuram (dist Tiruppur), Uttamapalayam (dist Theni), Bhavanisagar (dist Erode), Palacode (dist Dharmapuri), Tirupathur Pto (dist Tirupattur), Grand Anaicut (dist Thanjavur), Coimbatore South (dist Coimbatore), Pappireddipatti (dist Dharmapuri), Viraganur Dam (dist Madurai), Thanjavur (dist Thanjavur), Tiruppur (dist Tiruppur) 2 each, Padalur (dist Perambalur), Thathiengrpet (dist Trichy), K Bridge (dist Nilgiris), Coonoor (dist Nilgiris), Wallajah (dist Ranipet), Kurinjipadi (dist Cuddalore), Ponnai Dam (dist Vellore), Coonoor Pto (dist Nilgiris), Veeraganoor (dist Salem), Kothagiri (dist Nilgiris), Palayamkottai (dist Tirunelveli), Chittar (dist Kanyakumari), Trp Ap (dist Trichy), Sivagiri (dist Tenkasi), Mettupatti (dist Madurai), Vilupuram (dist Villupuram), Samayapuram (dist Trichy), Nedungal (dist Krishnagiri), Sholingur (dist Ranipet), Nilakottai (dist Dindigul), Puduchatram (dist Namakkal), Paiyur Aws (dist Krishnagiri), Kovilankulam (dist Virudhunagar), Tiruchengode (dist Namakkal), Palladam (dist Tiruppur), Gudalur (dist Theni), Katpadi (dist Vellore), Bhoothapandy (dist Kanyakumari), Thali (dist Krishnagiri), Erumapatti (dist Namakkal), Natham (dist Dindigul), Krishnagiri (dist Krishnagiri), Gudiyatham (dist Vellore), Uthagamandalam (dist Nilgiris), Palavidithi (dist Karur), Upper Bhavani (dist Nilgiris), Vadipatti (dist Madurai), Thenparanadu (dist Trichy), Arcot (dist Ranipet), Kamudhi (dist Ramanathapuram), Annur (dist Coimbatore), K.paramathi (dist Karur), Kamatchipuram (dist Dindigul) 1 each.

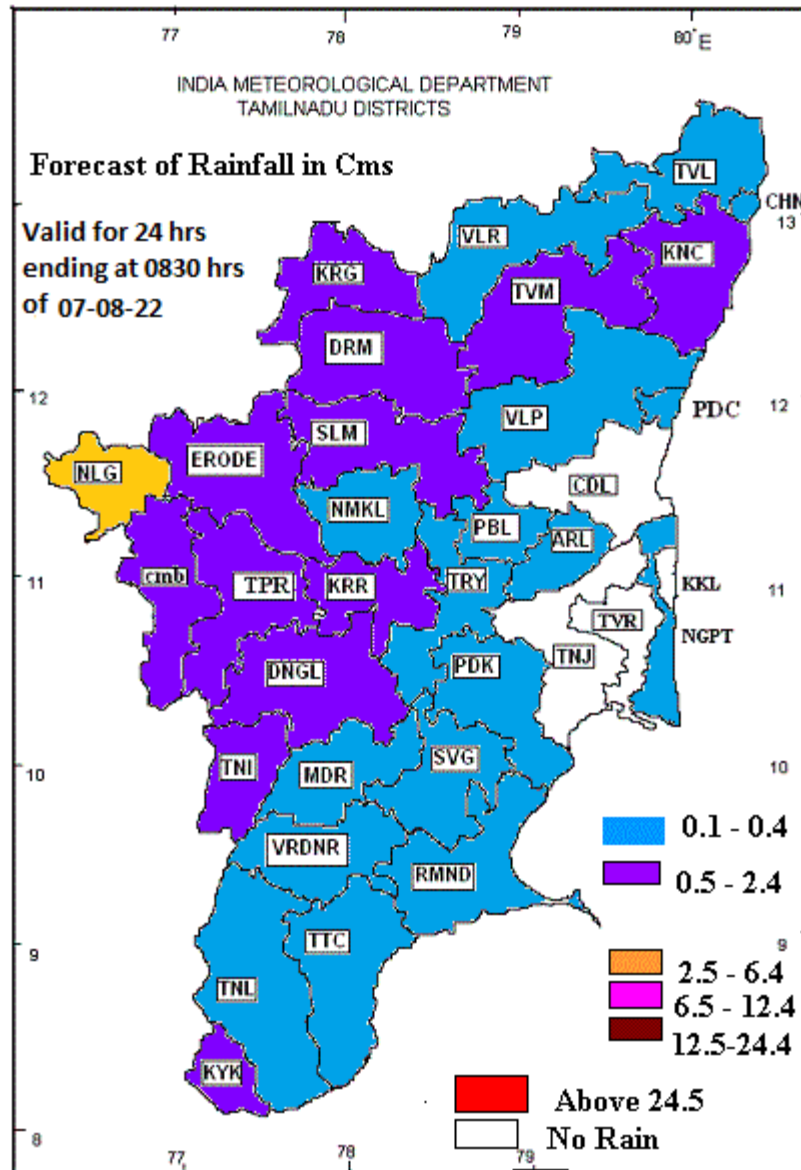
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 02.08.22
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

Chennai

SMS Advisory:

(03.08.2022-06.08.2022): Heavy rain is likely to occur at one or two places over Krishnagiri, Tirupattur, Vellore, Ranipet districts of Tamilnadu,

Livestock Advisory

Since moderate rain is foreecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.

The concentrated feed and dry fodder must be stored in water proof god -owns to prevent aflatoxin and mould development.

To prevent mortality due to thunder strike during very heavy rainfall with thunderstorm, grazing during heavy rainfall should be prevented.

To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation.

Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.

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

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

The livestock should be given dipping ones in two month to prevent exoparasitic infestation,

The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.

Villupuram

SMS Advisory:

(03.08.2022-06.08.2022): Heavy rain is likely to occur at one or two places over Krishnagiri, Tirupattur, Vellore, Ranipet districts of Tamilnadu, Livestock Advisory:

Since moderate rain is foreecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.

The concentrated feed and dry fodder must be stored in water proof god -owns to prevent aflatoxin and mould development.

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The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.

Agricultural advisory

Rice:

Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l.2. Due to prevailing weather condition chances of red mite infestation in paddy field. To control spray dicofol 18.5% EC 1250 ml/ha or azadirachtin 0.03% 1000 ml/ha.3. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.2. Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l).

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.2. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak.3. In severe case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Thiruvannamalai

SMS Advisory:

(03.08.2022-06.08.2022): Heavy rain is likely to occur at one or two places over Krishnagiri, Tirupattur, Vellore, Ranipet districts of Tamilnadu,

Livestock Advisory:

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.

The concentrated feed and dry fodder must be stored in water proof god-owns to prevent aflatoxin and mould development.

To prevent mortality due to thunder strike during very heavy rainfall with thunderstorm, grazing during heavy rainfall should be prevented.

To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation.

Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitry must be maintained damp free.

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

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

The livestock should be given dipping ones in two month to prevent exoparasitic infestation, The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.

Agricultural advisory

Rice

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

Groundnut

Since rain is anticipated, provide drainage for groundnut crop. To avoid fertilizer application, insecticides or pesticides spray and weeding.

Black gram

Since rain is anticipated, provide drainage for black gram crop. To avoid fertilizer application, insecticides or pesticides spray and weeding.

Maize

Since rain is anticipated, provide drainage for maize crop. To avoid fertilizer application, insecticides or pesticides spray and weeding

Turmeric

Since rain is anticipated, provide drainage for turmeric crop. To avoid fertilizer application, insecticides or pesticides spray and weeding

Banana

Since rain is anticipated, provide drainage for banana field. To avoid fertilizer application, insecticides or pesticides spray

Brinjal

Since rain is anticipated, provide drainage for brinjal field. To avoid irrigation.

Thiruvallur

From extended range forecast Above normal rainfall, Moderately below normal minimum temperature and Normal maximum temperature expected for the period of 08.08.2022 to 14.08.2022 over Tamil Nadu.

1.Provide proper drainage facility so that water does not stagnate in the field; 2.Farmers are advised download (meghdoot) app from android play store.

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| RICE | Sornavari Season-Rice- Vegetative stage-1.Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litre of water ; 2.Bacterial leaf blight - Initial stages- spray twice copper hydroxide 77 WP 500g per acre in 200 litre of water and severe stage- Spray streptomycin + Tetracycline 120g + copper oxychloride 500g for one acre in 200 litre water; 3.Leaf folder- Spray Azadirachtin 0.03% 400 ml 200 litres of water (Or) Spray NSKE 5 %. (After Rainfall) |
| RICE | Sornavari Season-Rice- Flowering stage-1.False smut- Spray for Propiconazole 25 EC @ 200 ml/acre; (or) Copper hydroxide 77 WP @ 500g /acre at boot leaf and 50% flowering stages; 2.Brown spot-Spray metominostrobin @ 200 ml per acre in 200 litre of water; after observing initial infection of the disease. (After Rainfall) |

| | |
|-------------------------|---|
| RICE | Rice- Samba Season-Rice Variety Selection- ADT- 54 -Variety suitable for samba season alternate to BPT 3204, 130-135 days duration and medium slender grain, moderately resistant to stem borer and blast, Direct sown semi dry areas; CR1009 Sub 1 Variety suitable for flooded condition, 140-180 days and moderately resistant to BPH, WBPH, Brown spot and Leaf Blast. CR1009 Sub1 has short bold grain type. |
| SUGARCANE | Sugarcane- Inter nodes borer- Release egg parasitoid, Trichogramma chilonis at the rate of @ 2.5 cc / release / acre. at 15 days intervals starting from 4th month onwards. Avoid the use of excessive nitrogenous fertilizers. Collect and destroy the eggs periodically. Detrash the crop on 150th and 210th day of planting. (After Rainfall) |
| OKRA/ LADYFINGER | Bhendi/Okra-Seed Treatment- Seed treatment with Trichoderma viride @ 4 g/kg of seeds and again with 400 g of Azospirillum using starch as adhesive and dried in shade for 30 minutes. (After Rainfall) |
| Horticulture(Varieties) | Horticulture Specific Advisory |
| CHILLI | Chilli- Damping Off- Treat the seeds with Trichoderma viride @ 4 g / kg or Pseudomonas fluorescens @ 10 g /kg of seeds treat with 24 hours before sowing. |
| BRINJAL | Brinjal- Damping Off- Treat the seeds with Trichoderma viride @ 4 g / kg or Pseudomonas fluorescens @ 10 g /kg of seeds treat with 24 hours before sowing. |

Vellore

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be receive above normal rainfall and normal temperature for the period of 08.08.2022 to 14.08.2022. Light to moderate rainfall may be expected on forthcoming days. So, farmers are advised to avoid fertilizer application, insecticides or pesticides spray and weeding. Light to moderate rainfall may be expected on forthcoming days. Hence, farmers are advised to provide adequate drainage for crops and save excess water in farm ponds.

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|---|
| RICE | Since rain is anticipated, provide drainage for the transplanted rice. To avoid fertilizer application, insecticides or pesticides spray and postpond irrigation. |
| GROUNDNUT | Since rain is anticipated, provide drainage for groundnut crop. To avoid fertilizer application, insecticides or pesticides spray and weeding. |
| BLACK GRAM | Since rain is anticipated, provide drainage for black gram crop. To avoid fertilizer application, insecticides or pesticides spray and weeding. |
| MAIZE | Since rain is anticipated, provide drainage for maize crop. To avoid fertilizer application, insecticides or pesticides spray and weeding. |
| BRINJAL | Since rain is anticipated, provide drainage for brinjal field. To avoid irrigation. |
| TURMERIC | Since rain is anticipated, provide drainage for turmeric crop. To avoid fertilizer application, insecticides or pesticides spray and weeding. |
| BANANA | Since rain is anticipated, provide drainage for banana field. To avoid fertilizer application, insecticides or pesticides spray . |

| | |
|-----------------------|--|
| Live Stock(Varieties) | Live Stock Specific Advisory |
| COW | Protect the dairy cows and calves from rain. During rainy season the cattle and small ruminants should not be fed with water spoiled fodder, which may cause fever and diarrhea. |
| GOAT | Give rotational deworming liquid oxclozanide 5ml per sheep/Goat. Give 250 ml of mixture of Maize grains groundnut oil cake per day per sheep and goat as flushing in adult animals after weening of their. Lambs / kids for 3 weeks. |
| Poultry(Varieties) | Poultry Specific Advisory |
| HEN | Maintain proper temperature and light during brooding of chicks. Back wracking the deep litter remove excessively wet litter, add dry litter materials along with lime powder. |

Cuddalore

General Advisory:

From extended range forecast above normal rainfall, normal maximum temperature and below normal minimum temperature expected for the period of 08.08.2022 to 14.08.2022 over Tamil Nadu.

SMS advisory

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

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|--|
| RICE | 1. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours. 2. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l. |

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|--|
| SUGARCANE | 1. Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l. 2. Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l). |

Coimbatore

Agro Advisory

| Crop | Stage | Advisory |
|---------|-------|--|
| General | | Moderate to heavy rainfall is expected in western zone during next five days. Hence, provide adequate drainage to all crops. |

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| | | The runoff water may be properly drained to farm pond for supplemental irrigation during later days. Isolated areas adjoining to western ghats will receive heavy rain fall, hence provide contour trench channel for draining the excess water from cultivated field and fallow land to reduce soil erosion. |
| Rice | Transplanting | Due to heavy rainfall postpone the transplanting of rice |
| Maize | Vegetative | Utilizing the received and anticipated rainfall, sowing of irrigated maize may be continued with proper drainage. This best time for sowing irrigated maize for reaping potential yield. |
| Groundnut | Vegetative | Prevailing weather condition is conducive for the Cercospora leaf spot in groundnut monitor the disease initiation and if already crop is infected spray Mangoceb @ 2.5 g per litre of water. |
| Sugarcane | | De-trashing, removal of dry cane leaves and propping is advised to avoid borer infestation in early season planted cane of 150 days old. By utilizing the anticipated rainfall, top dressing may be done in late season planted cane with 90kg Nitrogen/ ha + 37kg K ₂ O/ ha. Nitrogen may be applied through neem cake blended. |
| Cotton | Sowing | Continuous rain in some areas leads to poor germination in rainfed cotton hence farmers are requested to raise additional seedlings in polythene bags and may be transplanted to maintain the plant population at later stage. |
| Tomato | Planting | Considering the cloudy and humid weather <i>Trichoderma viride</i> may be applied @ 2.5 kg per hectare to prevent damping off disease or soil borne diseases in tomato. Since rain fall is expected, tomato seedlings may be planted in ridges and furrows. |
| Banana | | Prevailing weather condition is favourable for the sigatoka leaf spot in banana hence farmers are requested to monitor the crop carefully and spray Carbendazim 1 g/lit or Mancozeb 2 g/lit or Copper oxychloride 2.5 g/lit or Chlorothalonil 2 g/lit. Always add 5 ml of wetting agent per 10 lit of spray fluid. |
| Grapes | | Considering the high relative humidity, grapes may be infected with either powdery mildew or downy mildew. To control powdery mildew spray 0.3% wettable Sulphur. To control downy mildew, spray 1% Bordeaux mixture. |
| Curry leaf | | Leaf spot disease is noticed in Curry leaf due to prevailing weather and hence, spray Carbendazim @ 1g/ lit of water. |
| Tea | | Right time for training and pruning of shade trees in Tea plantations in Valparai area |
| Coconut | | By utilizing rainfall, apply fertilizer for coconut @ 650 g urea, 1kg Super phosphate, 1kg MOP and 2kg Neem cake along with 50kg FYM. Provide inward basin in and around the coconut trees to harvest rainwater in root zone. |
| Animal | | Prevailing weather is conducive for mastitis disease in milch animals. Wash the udder with 1 per cent KM _n O ₄ before and after milking. Monsoon favours Enterotoxemia and Blue Tongue diseases in Goat. Provide vaccine to Goats at nearby Veterinary hospitals. Also do |

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| | | deworming. Due to rainfall and high wind speed poultry shed may be protected by hanging of gunny bags at the borders of the shed. |
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SMS advisory

The runoff water due to heavy rainfall may be properly drained to farm pond for supplemental irrigation during later days.

Erode

Agro Advisory

| Crop | Stage | Advisory |
|------------|---------------|--|
| General | | Moderate to heavy rainfall is expected in western zone during next five days. Hence, provide adequate drainage to all crops. The runoff water may be properly drained to farm pond for supplemental irrigation during later days. Isolated areas adjoining to western ghats will receive heavy rain fall, hence provide contour trench channel for draining the excess water from cultivated field and fallow land to reduce soil erosion. |
| Rice | Transplanting | Due to heavy rainfall postpone the transplanting of rice |
| Maize | Vegetative | Utilizing the received and anticipated rainfall, sowing of irrigated maize may be continued with proper drainage. This best time for sowing irrigated maize for reaping potential yield. |
| Groundnut | Vegetative | Prevailing weather condition is conducive for the Cercospora leaf spot in groundnut monitor the disease initiation and if already crop is infected spray Mangoceb @ 2.5 g per litre of water. |
| Sugarcane | | De-trashing, removal of dry cane leaves and propping is advised to avoid borer infestation in early season planted cane of 150 days old. By utilizing the anticipated rainfall, top dressing may be done in late season planted cane with 90kg Nitrogen/ ha + 37kg K ₂ O/ ha. Nitrogen may be applied through neem cake blended. |
| Cotton | Sowing | Continuous rain in some areas leads to poor germination in rainfed cotton hence farmers are requested to raise additional seedlings in polythene bags and may be transplanted to maintain the plant population at later stage. |
| Tomato | Planting | Considering the cloudy and humid weather <i>Trichoderma viride</i> may be applied @ 2.5 kg per hectare to prevent damping off disease or soil borne diseases in tomato. Since rain fall is expected, tomato seedlings may be planted in ridges and furrows. |
| Banana | | Prevailing weather condition is favoable for the sigatoka leaf spot in banana hence farmers are requested to monitor the crop carefully and spray Carbendazim 1 g/lit or Mancozeb 2 g/lit or Copper oxychloride 2.5 g/lit or Chlorothalonil 2 g/lit. Always add 5 ml of wetting agent per 10 lit of spray fluid. |
| Curry leaf | | Leaf spot disease is noticed in Curry leaf due to prevailing weather and hence, spray Carbendazim @ 1g/ lit of water. |
| Coconut | | By utilizing rainfall, apply fertilizer for coconut @ 650 g urea, 1kg Super |

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| | | phosphate, 1kg MOP and 2kg Neem cake along with 50kg FYM. Provide inward basin in and around the coconut trees to harvest rainwater in root zone. |
| Animal | | Prevailing weather is conducive for mastitis disease in milch animals. Wash the udder with 1 per cent $KMnO_4$ before and after milking. Monsoon favours Enterotoxemia and Blue Tongue diseases in Goat. Provide vaccine to Goats at nearby Veterinary hospitals. Also do deworming. Due to rainfall and high wind speed poultry shed may be protected by hanging of gunny bags at the borders of the shed. |

SMS advisory

The runoff water due to heavy rainfall may be properly drained to farm pond for supplemental irrigation during later days.

Tiruppur

Agro advisory

| Crop | Stage | Advisory |
|------------|------------|--|
| General | | Moderate to heavy rainfall is expected in western zone during next five days. Hence, provide adequate drainage to all crops. The runoff water may be properly drained to farm pond for supplemental irrigation during later days. Isolated areas adjoining to western ghats will receive heavy rain fall, hence provide contour trench channel for draining the excess water from cultivated field and fallow land to reduce soil erosion. |
| Maize | Vegetative | Utilizing the received and anticipated rainfall, sowing of irrigated maize may be continued with proper drainage. This best time for sowing irrigated maize for reaping potential yield. |
| Sugarcane | | De-trashing, removal of dry cane leaves and propping is advised to avoid borer infestation in early season planted cane of 150 days old. By utilizing the anticipated rainfall, top dressing may be done in late season planted cane with 90kg Nitrogen/ ha + 37kg K_2O / ha. Nitrogen may be applied through neem cake blended. |
| Tomato | Planting | Considering the cloudy and humid weather <i>Trichoderma viride</i> may be applied @ 2.5 kg per hectare to prevent damping off disease or soil borne diseases in tomato. Since rain fall is expected, tomato seedlings may be planted in ridges and furrows. |
| Banana | | Prevailing weather condition is favourable for the sigatoka leaf spot in banana hence farmers are requested to monitor the crop carefully and spray Carbendazim 1 g/lit or Mancozeb 2 g/lit or Copper oxychloride 2.5 g/lit or Chlorothalonil 2 g/lit. Always add 5 ml of wetting agent per 10 lit of spray fluid. |
| Curry leaf | | Leaf spot disease is noticed in Curry leaf due to prevailing weather and hence, spray Carbendazim @ 1g/ lit of water. |
| Coconut | | By utilizing rainfall, apply fertilizer for coconut @ 650 g urea, 1kg Super phosphate, 1kg MOP and 2kg Neem cake along with 50kg FYM. |

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| | | Provide inward basin in and around the coconut trees to harvest rainwater in root zone. |
| Animal | | Prevailing weather is conducive for mastitis disease in milch animals. Wash the udder with 1 per cent KM_nO_4 before and after milking. Monsoon favours Enterotoxemia and Blue Tongue diseases in Goat. Provide vaccine to Goats at nearby Veterinary hospitals. Also do deworming. Due to rainfall and high wind speed poultry shed may be protected by hanging of gunny bags at the borders of the shed. |

SMS advisory

The runoff water due to heavy rainfall may be properly drained to farm pond for supplemental irrigation during later days.

Nilgiris

General Advisory:

To prevent cut worms infestation in hill vegetable crops, light traps can be fixed and operated from 7 pm to 10 pm to attract adults.

SMS advisory

In cabbage crop, to attract diamond back moth insect, mustard can be grown as trap crop in the ratio of 20:1

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|---|
| COW | Due to heavy rainfall, do not allow the animals to graze outside, standing near the trees or electric poles. Provide adequate dry feed/fodder and drinking water. |

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur, Thiruvarur

Agro Advisory

| Crop | Stage | Advisory |
|---------|-------|---|
| General | | Farmers are advised to provide adequate drainage facilities to all crops due to moderate to heavy rainfall forecast. |
| | | Avoid application of fertilizers and insecticides to the crops. |
| Banana | | Provide support with wooden poles to avoid lodging of tree and provide adequate drainage facilities. |
| Cattle | Cow | Exposure of calves and kids to rain should be avoided to prevent from pneumonia attack in view of expected high rain. |

SMS advisory

Farmers are advised to provide adequate drainage facilities to all crops due to moderate to heavy rainfall forecast.

Dindigul

Heavy Rainfall Warning: Heavy to very heavy rain is likely to occur at isolated places over the district during 3, 4, 5, 6 Aug 2022. 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. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at one or two places over Tamilnadu during 03 to 07 Aug 2022. 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. Chances of Rather Heavy rain during the next three days & Moderate rain on 6,7 Aug. Max temp-27°C-29°C & Min temp -20°C-21°C. Generally cloudy sky for next 5 days. Wind speed 10-16 kmph from SW & S direction.

| Crop(Varieties) | Crop Specific Advisory |
|--|--|
| MAIZE | As the farmers are getting ready for sowing maize in their fields, it is very important to treat the seeds before sowing. Farmers are advised to select good-quality seeds suitable for their soil. Adopt the seed rate @ 20 kg per hectare for hybrids and 25 kg per hectare for varieties. Adopt a spacing of 45 cm between rows and 20 cm between plants in the row. Seeds treated with fungicides may be treated with three packets (1600gms per hac) of Azospirillum. Dibble or drill the seeds at a depth of 4 cm. |
| TOMATO | Due to the prevailing weather condition the incense of Damping-off in Tomato. Damping-off of tomatoes occurs in two stages, i.e. the pre-emergence and the post-emergence phase. To manage this use raised seedbed. Provide light but frequent irrigation for better drainage. Drench with Copper oxychloride @ 2gm/litre. Seed treatment with fungal culture Trichoderma viride (4g/kg of seed) is the only preventive measure to control the pre-emergence damping off. Spray 2gm Metalaxyl /litre when there is cloudy weather. |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| COW | Since the rainfall season is started in most places. Goat rearers are advised to protect their goat from Enterotoxaemia disease. Vaccinate the young goat and growing kids at the 6th month. Also vaccinate the animals once a year, before the onset of monsoon and at the time of the lambing stage of goats. |
| Others (Soil / Land Preparation) (Varieties) | Others (Soil / Land Preparation) Specific Advisory |
| GENERAL ADVICE | Extended range Forecast for next week (05th – 11th Aug 2022): Rainfall: As per extended range predictions, there is possibility of near normal to above normal rainfall likely during the subsequent week 05 to 11 Aug 2022. Maximum Temperature: Maximum temperatures is 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. 05 to 11 Aug 2022. |

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| | Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 20°C to 26°C over the district during next week 05 to 11 Aug 2022. |
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Madurai

Heavy Rainfall Warning: Heavy to very heavy rain is likely to occur at isolated places over the district on 3 & 4 Aug 2022. 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. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at one or two places over Tamilnadu during 03 to 07 Aug 2022. 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. Chances of Moderate rain during 3, 4, 5 Aug & light rain on 6, 7 Aug. Max temp-30°C-34°C & Min temp -21°C-23°C. Generally cloudy sky for next 5 days. Wind speed 8-12 kmph from SW direction.

| Horticulture(Varieties) | Horticulture Specific Advisory |
|--|--|
| BRINJAL | Due to the prevailing weather condition, the incense of Bacterial Wilt is expected in Brinjal. Symptoms of Bacterial wilt are leaf surface wilting, stunting growth, yellowing of the foliage and finally collapse of the entire plant. To control this, soil drenching of Trichoderma Viride @ 50gms per 10 litres of water is recommended. |
| BANANA | Farmers are requested to give a foliar spray of Banana Booster @ 5gram per litre of water along with one small pocket of shampoo and extracted lemon juice, starting from the 3rd month after the plant to bunch formation stage in a monthly interval. |
| GOAT | Since the rainfall season is started in most places. Goat rearers are advised to protect their goat from Enterotoxaemia disease. Vaccinate the young goat and growing kids at the 6th month. Also vaccinate the animals once a year, before the onset of monsoon and at the time of the lambing stage of goats. |
| Others (Soil / Land Preparation) (Varieties) | Others (Soil / Land Preparation) Specific Advisory |
| GENERAL ADVICE | Extended range Forecast for next week (05th – 11th Aug 2022): Rainfall: As per extended range predictions, there is possibility of near normal to above normal rainfall likely during the subsequent week 05 to 11 Aug 2022. Maximum Temperature: Maximum temperatures is 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. 05 to 11 Aug 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 20°C to 26°C over the district during next week 05 to 11 Aug 2022. |

Pudukottai

Farmers are requested to take up planting operations, especially vegetable crops like chilies, brinjal, gourd, banana and perennial crops. Due to cloudy weather it is Inspection for sucking pest attack can be done in Paddy field.

| Crop(Varieties) | Crop Specific Advisory |
|--|--|
| RICE | The prevailing weather condition favours the stem borer incidence in paddy. Place pheromone traps @ 4 / ac to control stem borer population. Also to control this, spray profenophos at 400 ml/acre.(or) Apply Cartarp hydrochloride 4 G @ 6 kg/ac for effective control of stemborer. |
| MAIZE | Farmers Can cultivate Maize during Adipattam (July - August). TNAU Maize hybrid Co 6 in suitable for this Before sowing Seed treatment with imidacloprid 70 ws at the rate of 10 g / kg seed and treat the seed and then sow. |
| TAPIOCA | Due to cloudy Weather micronutrient deficiency may occur in Tapioca under calcareous soils. Hence, spray 1% ferrous sulphate + 1% Magnesium sulphate + 0.1% urea solution under enough soil moisture condition. |
| BANANA | It is expected to increase the wind speed in forthcoming days. So the banana growers are requested to do propping operation in banana plants with bamboo or casurina pole. |
| Others (Soil / Land Preparation) (Varieties) | Others (Soil / Land Preparation) Specific Advisory |
| AGRI FIELD | During adipattam farmers can soak seed in one percent potassium chloride solution for 6 hours one day before sowing of quality seeds and leave to dry for 16 hours in the shade before sowing. Through this seed hardening treatment the young seedlings get uniform germination capacity and growth and the seedlings emerge and develop into active seedlings. |

Ramanathapuram

Farmers are advised to repair the water channels, farm ponds and other water bodies to harvest the rain water. From extended range forecast, Above normal rainfall Normal maximum temperature and Below normal Minimum temperature expected for the period of August 7 to August 14 over Tamil Nadu.

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|--|
| COTTON | Due to the prevailing weather conditions incidence of stem weevil is expected in cotton. The damage symptoms are swellings on the stem just above the ground level and Older plants that survive lack vigor and strength, breaks at the nodes due to strong wind. If damage symptoms are observed 10% of ETL uproot and destroy the infested plants and drenching collar region with chlorpyriphos 2.5ml/1 liters of water |

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| COCONUT | In coconut, to control the Rhinoceros beetle, the topmost three leaf axils around the spindle filled with Naphthalene balls three to four balls covered with fine sand, once in 45 days. Soak castor cake at 1 kg in 5 liter of water in small mud pots and keep them in the coconut gardens to attract and kill the adults. |
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Sivagangai

Heavy Rainfall Warning: Heavy rain is likely to occur at isolated places over the district on 3 Aug 2022. 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. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at one or two places over Tamilnadu during 03 to 07 Aug 2022. 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. Chances of light rain during 3, 6, 7 Aug & Moderate rain on 4, 5 Aug. Max temp-33°C-35°C & Min temp -26°C-27°C. Generally cloudy sky for next 5 days. Wind speed 12-14 kmph from SW direction.

| Crop(Varieties) | Crop Specific Advisory |
|--|--|
| JASMINE | Jasmine flower cultivating farmers are advised to plan for the application of manure and fertilizers in Jasmine fields. 10 kg of FYM along with NPK @ 60:120:120gm and IFCO complex @ 470g of, Urea @ 30gm per plant per year can be mixed well and incorporated with the soil. |
| Horticulture(Varieties) | Horticulture Specific Advisory |
| CHILLI | Since the quantity of received rainfall is adequate for sowing. Farmers are advised to get ready for sowing and planting of horticultural crops, such as Chillies, Brinjal, Snakegourd, Banana and other perennial crops during this season (Aadipattam). |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| GOAT | Since the rainfall season is started in most places. Goat rearers are advised to protect their goat from Enterotoxaemia disease. Vaccinate the young goat and growing kids at the 6th month. Also vaccinate the animals once a year, before the onset of monsoon and at the time of the lambing stage of goats. |
| Others (Soil / Land Preparation) (Varieties) | Others (Soil / Land Preparation) Specific Advisory |
| GENERAL ADVICE | Extended range Forecast for next week (05th – 11th Aug 2022): Rainfall: As per extended range predictions, there is possibility of near normal to above normal rainfall likely during the subsequent week 05 to 11 Aug 2022. Maximum Temperature: Maximum temperatures is 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. 05 to 11 Aug 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 20°C to 26°C |

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| over the district during next week 05 to 11 Aug 2022. |
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Theni

Heavy Rainfall Warning: Heavy to very heavy rain is likely to occur at isolated places over the district during 3, 4, 5, 6 Aug 2022. 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. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at one or two places over Tamilnadu during 03 to 07 Aug 2022. 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. Chances of Rather Heavy rain on 3, 4 Aug & Moderate rain during 5, 6, 7 Aug. Max temp-27°C-29°C & Min temp -20°C-21°C. Generally cloudy sky for next 5 days. Wind speed 10-16 kmph from SW & W directions.

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| Crop(Varieties) | Crop Specific Advisory |
| MAIZE | Farmers planning to cultivate Maize during August (Adipattam) can choose the TNAU Hybrid Maize CO6, this seed is suitable for the Adipattam season. Before sowing, farmers are advised to treat the seeds with Imidacloprid 70 WS @ 10gm/kg of seed. |
| Horticulture(Varieties) | Horticulture Specific Advisory |
| JACK FRUIT | Jackfruit cultivators are advised to apply fertilizers to Jack breeds as follows. For well matured trees, after harvest, apply Urea @ 1650gm, Superphosphate @ 2220gm, Potash @ 850gm and Farmyard Manure @ 50kg. |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| GOAT | Since the rainfall season is started in most places. Goat rearers are advised to protect their goat from Enterotoxaemia disease. Vaccinate the young goat and growing kids at the 6th month. Also vaccinate the animals once a year, before the onset of monsoon and at the time of the lambing stage of goats. |
| Others (Soil / Land Preparation) (Varieties) | Others (Soil / Land Preparation) Specific Advisory |
| GENERAL ADVICE | Extended range Forecast for next week (05th – 11th Aug 2022): Rainfall: As per extended range predictions, there is possibility of near normal to above normal rainfall likely during the subsequent week 05 to 11 Aug 2022. Maximum Temperature: Maximum temperatures is 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. 05 to 11 Aug 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 20°C to 26°C over the district during next week 05 to 11 Aug 2022. |

Kanyakumari

AGRO ADVISORIES

| S. N. | CROP | STAGES | ADVISORIES |
|-------|--|-----------------|---|
| | There are possibilities of moderate rainfall during the fourth coming five days. Maximum temperature will range from 27 - 29°C and minimum temperature will range from 23 - 24°C. Cloudy condition may prevail. The relative humidity will be 75 to 85 %. Wind speed may be 14 - 20 km / hr in West direction. | | |
| 1. | Agricultural and Horticultural crops | All stages | Spraying of insecticides, weedicides and application of fertilizer should be postponed due to rain. |
| 2. | Horticultural crops. | Planting stage. | As 14 - 20 km/hr wind speed is anticipated, it is advised to provide staking to newly planted horticultural plants. |
| 3. | Rubber | Tapping Stage | Fix a polythene rain guard to the trunk of the tree above the tapping panel so that tapping can be done during rainy season also. |
| 4. | Coconut | All stages | Provide proper drainage in coconut field to avoid fungal root rot. |
| 5. | Tapioca | All stages | Drainage facilities have to be provided to prevent water logging as it invites pathogens. |
| 6. | Horticultural crops | Young plants | As rainfall is expected, proper drainage facilities should be given to young rubber, banana and fruit trees. |

SMS Advisory

Agricultural and Horticultural crops; Spraying of insecticides, weedicides and application of fertilizer should be postponed due to rain.

Virudhunagar

Agromet Advisory

| Crop/ Ecosystem | Stage / Activities | Advisories |
|-----------------|--------------------|--|
| Irrigated crops | Water management | Light to moderate rainfall is predicted for next five days. Farmers are requested to postpone the irrigation. |
| Dry land | | Farmers are requested to practice ploughing for the ensuing monsoon. |
| Coconut | | Prevailing Weather and deficiency induce button shedding. To minimize the loss, root feeding of the tonic @ 200 ml / palm twice a year at six months interval, increases the number and size of nuts. |
| Banana | | Continuous rainfall may damage crop, so farmers are advised to provide |

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| | | <p>stake for banana plant (propping) to prevent the crop lodging. Earthing up should be done for avoiding water logged conditions and also to provide proper drainage facilities to the plant.</p> <p>Open deep trenches between the plant rows for improving the drainage condition of the land.</p> <p>Avoid planting.</p> <p>Present weather is conducive for Sigatoka leaf spot. As a prophylactic measure, give 0.1 per cent Propiconazole, 0.2 per cent Carbendazim and 0.25 per cent Mancozeb foliar sprays with 15-day intervals between each spray.</p> |
| Animal husbandry | Goat | <p>PPR - Peste - des - petits Ruminants.</p> <p>i. Highly contagious viral disease of goats causes high mortality. ii. Affected animals will have high fever, loss of appetite, foul smelling diarrhoea and discharge from eyes & Nose. Prevention & control measures: i. Regular vaccination can prevent the occurrence of the disease. ii. Vaccination should be done to the kids above 3 months and should be repeated every year during July, August and september. iii. Affected animals should be treated separately. iv. Wash the oral lesions with 1% KMNO4 solution v. Give soft feeds like Rice or Ragi gruel to the affected animals. vi. Strict bio- security measure should be followed</p> |
| Onion | | <p>Prevail weather is conducive for Onion <i>Spodoptera litura</i> damage: Symptoms: Pale greenish with dark markings young larvae first feed gregariously and scrape the leaves. Older larvae spread out and may completely devour the leaves resulting in poor growth of plants. Management: Spraying Spinosad @ 0.75ml/ litre of water. If incident exists repeat the spray after 15 days.</p> <p>Prevail weather is conducive for Onion Thrips Symptoms of damage: 1. Small white silvery patches are seen all over the leaves. 2. In severe infestation, leaves dry from tip to downward. Spray insecticides, Fipronil 80 WG @ 1.5 g/10 lit.</p> |

SMS: Rain:03-07.08-8,28,20,6&4mm. Postpone the Irrigation & spraying. Onion–*Spodoptera litura* - Spray Spinosad @ 0.75ml/ litre of water.

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| Tamil Nadu | | |
| <p>Southwest monsoon has been vigorous over Tamilnadu, South Interior Karnataka and Rayalaseema and active over Kerala and North Interior Karnataka. Yesterday's North-south trough from south Chhattisgarh to Comorin area across Telangana, Rayalaseema and Tamilnadu at 0.9 km above mean sea level persists. Yesterday's cyclonic circulation over coastal Tamilnadu & neighbourhood now lies over westcentral & adjoining southwest Bay of Bengal off Andhra Pradesh coast at 1.5 km above mean sea level. Yesterday's shear zone now runs roughly along 11°N over south peninsular India between 3.1 km & 7.6 km above mean sea level tilting southwards with height.</p> | | |
| Next five days | Weather warning | <p>Light to moderate rain at many places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (03.08.22).</p> <p>Isolated heavy to very heavy rain with extremely heavy falls at one or two places is likely to occur over Theni, Dindigul, Tiruppur & Coimbatore districts. Heavy to very heavy rain is likely to occur at one or two places over Nilgiris, Erode,</p> |

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| | | <p>Tenkasi, Tirunelveli, Kanyakumari, Madurai and Virudhunagar districts. Heavy rain is likely to occur at one or two places over Thoothukudi, Sivagangai, Karur, Tiruchirapalli, Namakkal, Salem, Dharmapuri, Krishnagiri, Tirupattur, Vellore & Ranipet districts on Day 1 (03.08.22).</p> <p>Light to moderate rain at many places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 2 (04.08.22).</p> <p>Isolated heavy to very heavy rain with extremely heavy falls at one or two places is likely to occur over Theni, Dindigul, Tiruppur & Coimbatore districts. Heavy to very heavy rain is likely to occur at one or two places over Nilgiris, Erode, Dharmapuri, Krishnagiri, Tenkasi, Tirunelveli, Kanyakumari, Madurai and Virudhunagar districts. Heavy rain is likely to occur at one or two places over Tiruchirapalli, Karur, Namakkal, Salem, Tirupattur, Vellore and Ranipet districts on Day 2 (04.08.22).</p> <p>Light to moderate rain at many places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 3 (05.08.22).</p> <p>Isolated heavy to very heavy rain with extremely heavy rainfall at one or two places is likely to occur over Nilgiris & Coimbatore districts. Heavy to very heavy rain is likely at isolated places over Tenkasi, Theni, Dindigul, Tiruppur, Erode, Dharmapuri, Krishnagiri, Salem, Karur and Namakkal districts. Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli, Tiruchirapalli, Tirupattur, Vellore and Ranipet districts on Day 3 (05.08.22).</p> <p>Light to moderate rain at a few places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 4 (06.08.22).</p> <p>Isolated heavy to very heavy rain is likely to occur at one or two places over Nilgiris, Coimbatore, Tiruppur, Dindigul and Theni districts. Heavy rain is likely to occur at isolated places over Tenkasi, Erode, Dharmapuri, Krishnagiri, Tirupattur, Vellore and Ranipet districts on Day 4 (06.08.22).</p> <p>Light to moderate rain at isolated places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 5 (07.08.22).</p> <p>Heavy rain is likely to occur at isolated places over Nilgiris and Coimbatore districts on Day 5 (07.08.22).</p> |
| | Thunderstorm Warning | Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 1(03.08.2022) to Day 5(07.08.2022). |

Tirunelveli

Agro Advisory

| Crop/ Ecosystem | Stage / Activities | Advisories |
|-------------------------|-------------------------------|---|
| Irrigated crops | Water management | Light to moderate rainfall is predicted for next five days. Farmers are advised to postpone the irrigation. |
| Intercultural operation | Spraying | As rainfall is predict for next five days. Farmers are advised to avoid spraying. |
| Green manure | | Sow green manure crop around the tree crops to conserve soil moisture. |
| Dry land | | Farmers are requested to practice the ploughing. |
| Rice | Vegetative to flowering stage | Field bunds may be strengthened and also to maintain the water level to avoid crop lodging. |
| Banana | All stages | Continuous rainfall may damage crop, so farmers are advised to provide stake for banana plant (propping) to prevent the crop lodging. Earthing up should be done for avoiding water logged conditions and also to provide proper drainage facilities to the plant. Open deep trenches between the plant rows for improving the drainage condition of the land. Avoid planting. Present weather is conducive for Sigatoka leaf spot. As a prophylactic measure, give 0.1 per cent Propiconazole, 0.2 per cent Carbendazim and 0.25 per cent Mancozeb foliar sprays with 15-day intervals between each spray. |
| Coconut | | Present weather is conducive for button shedding. Root feeding of the tonic @ 200 ml / palm twice a year at six months interval. Increases number and size of nuts. |

SMS: Rain: 03-07.08-12,30,25,8&3 mm. Postpone the irrigation. Rice- Strengthened the field bunds, maintain the water level. Banana- practice propping, earthing up.

| Tamil Nadu | | |
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| Southwest monsoon has been vigorous over Tamilnadu, South Interior Karnataka and Rayalaseema and active over Kerala and North Interior Karnataka. Yesterday's North-south trough from south Chhattisgarh to Comorin area across Telangana, Rayalaseema and Tamilnadu at 0.9 km above mean sea level persists. Yesterday's cyclonic circulation over coastal Tamilnadu & neighbourhood now lies over westcentral & adjoining southwest Bay of Bengal off Andhra Pradesh coast at 1.5 km above mean sea level. Yesterday's shear zone now runs roughly along 11°N over south peninsular India between 3.1 km & 7.6 km above mean sea level tilting southwards with height. | | |
| Next five days | Weather warning | Light to moderate rain at many places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (03.08.22). Isolated heavy to very heavy rain with extremely heavy falls at one or two places is likely to occur over Theni, Dindigul, Tiruppur & Coimbatore districts. Heavy to very heavy rain is likely to occur at one or two places over Nilgiris, Erode, Tenkasi, Tirunelveli, Kanyakumari, Madurai and Virudhunagar districts. Heavy rain is likely to occur at one or two places over |

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| | | <p>Thoothukudi, Sivagangai, Karur, Tiruchirapalli, Namakkal, Salem, Dharmapuri, Krishnagiri, Tirupattur, Vellore & Ranipet districts on Day 1 (03.08.22).</p> <p>Light to moderate rain at many places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 2 (04.08.22).</p> <p>Isolated heavy to very heavy rain with extremely heavy falls at one or two places is likely to occur over Theni, Dindigul, Tiruppur & Coimbatore districts. Heavy to very heavy rain is likely to occur at one or two places over Nilgiris, Erode, Dharmapuri, Krishnagiri, Tenkasi, Tirunelveli, Kanyakumari, Madurai and Virudhunagar districts. Heavy rain is likely to occur at one or two places over Tiruchirapalli, Karur, Namakkal, Salem, Tirupattur, Vellore and Ranipet districts on Day 2 (04.08.22).</p> <p>Light to moderate rain at many places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 3 (05.08.22).</p> <p>Isolated heavy to very heavy rain with extremely heavy rainfall at one or two places is likely to occur over Nilgiris & Coimbatore districts. Heavy to very heavy rain is likely at isolated places over Tenkasi, Theni, Dindigul, Tiruppur, Erode, Dharmapuri, Krishnagiri, Salem, Karur and Namakkal districts. Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli, Tiruchirapalli, Tirupattur, Vellore and Ranipet districts on Day 3 (05.08.22).</p> <p>Light to moderate rain at a few places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 4 (06.08.22).</p> <p>Isolated heavy to very heavy rain is likely to occur at one or two places over Nilgiris, Coimbatore, Tiruppur, Dindigul and Theni districts. Heavy rain is likely to occur at isolated places over Tenkasi, Erode, Dharmapuri, Krishnagiri, Tirupattur, Vellore and Ranipet districts on Day 4 (06.08.22).</p> <p>Light to moderate rain at isolated places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 5 (07.08.22).</p> <p>Heavy rain is likely to occur at isolated places over Nilgiris and Coimbatore districts on Day 5 (07.08.22).</p> |
| | Thunderstorm Warning | Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 1(03.08.2022) to Day 5(07.08.2022). |

Thoothukudi

Agromet Advisory

| Crop/ Ecosystem | Stage / Activities | Advisories |
|-----------------|-------------------------------|---|
| Irrigated crops | Water management | Very Light to Light rainfall is predicted for next five days. Farmers are advised to postpone the irrigation |
| Irrigated crops | Spraying | Spraying may be avoided due to continuous and moderate rainfall. |
| Dry land | | Farmers are requested to practice the ploughing. |
| Rice | Vegetative to flowering stage | Field bunds may be strengthened and also to maintain the water level to avoid crop lodging. |
| Ground nut | Vegetative stage | Drainage channel may be strengthened to avoid the stagnation of water in the field. |
| Banana | All stages | Continuous rainfall may damage crop, so farmers are advised to provide stake for banana plant (propping) to prevent the crop lodging. Earthing up should be done for avoiding water logged conditions and also to provide proper drainage facilities to the plant. Open deep trenches between the plant rows for improving the drainage condition of the land. Avoid planting. Present weather is conducive for Sigatoka leaf spot. As a prophylactic measure, give 0.1 per cent Propiconazole, 0.2 per cent Carbendazim and 0.25 per cent Mancozeb foliar sprays with 15-day intervals between each spray. |
| Moringa | All the stages | Rainfall may damage the crop, so the farmers are advised to go agronomic practices such as Pinching and earthing up may be followed. Pinching the terminal bud on the central leader stem is necessary when it attains a height of 75cm (two months after sowing). Earthing up of the soil at the base of the tree is useful to give it the strength. It has also been reported that spraying of Gibberellic acid @ 20 ppm on 90 th day of sowing increased all the pod characters, |
| Coconut | | Present weather is conducive for button shedding. Root feeding of the tonic @ 200 ml / palm twice a year at six months interval. Increases number and size of nuts. |

SMS: Rain: 03-07.08-6,10,8,4&2 mm. Postpone the irrigation. Rice- Strengthened the field bunds, maintain the water level. Ground nut - strengthened the Drainage channel. Banana- practice propping, earthing up.

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| Tamil Nadu |
| Southwest monsoon has been vigorous over Tamilnadu, South Interior Karnataka and Rayalaseema and active over Kerala and North Interior Karnataka. Yesterday's North-south trough from south Chhattisgarh to Comorin area across Telangana, Rayalaseema and Tamilnadu at 0.9 km above mean sea level persists. Yesterday's cyclonic circulation over coastal Tamilnadu & neighbourhood now lies over westcentral & adjoining southwest Bay of Bengal off Andhra Pradesh coast at 1.5 km above mean sea level. Yesterday's shear zone now runs roughly along 11°N over south peninsular India between 3.1 km & 7.6 km above mean sea level tilting southwards with height. |

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| <p>Next five days</p> | <p>Weather warning</p> | <p>Light to moderate rain at many places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (03.08.22).</p> <p>Isolated heavy to very heavy rain with extremely heavy falls at one or two places is likely to occur over Theni, Dindigul, Tiruppur & Coimbatore districts. Heavy to very heavy rain is likely to occur at one or two places over Nilgiris, Erode, Tenkasi, Tirunelveli, Kanyakumari, Madurai and Virudhunagar districts. Heavy rain is likely to occur at one or two places over Thoothukudi, Sivagangai, Karur, Tiruchirapalli, Namakkal, Salem, Dharmapuri, Krishnagiri, Tirupattur, Vellore & Ranipet districts on Day 1 (03.08.22).</p> <p>Light to moderate rain at many places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 2 (04.08.22).</p> <p>Isolated heavy to very heavy rain with extremely heavy falls at one or two places is likely to occur over Theni, Dindigul, Tiruppur & Coimbatore districts. Heavy to very heavy rain is likely to occur at one or two places over Nilgiris, Erode, Dharmapuri, Krishnagiri, Tenkasi, Tirunelveli, Kanyakumari, Madurai and Virudhunagar districts. Heavy rain is likely to occur at one or two places over Tiruchirapalli, Karur, Namakkal, Salem, Tirupattur, Vellore and Ranipet districts on Day 2 (04.08.22).</p> <p>Light to moderate rain at many places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 3 (05.08.22).</p> <p>Isolated heavy to very heavy rain with extremely heavy rainfall at one or two places is likely to occur over Nilgiris & Coimbatore districts. Heavy to very heavy rain is likely at isolated places over Tenkasi, Theni, Dindigul, Tiruppur, Erode, Dharmapuri, Krishnagiri, Salem, Karur and Namakkal districts. Heavy rain is likely to occur at isolated places over Kanyakumari, Tirunelveli, Tiruchirapalli, Tirupattur, Vellore and Ranipet districts on Day 3 (05.08.22).</p> <p>Light to moderate rain at a few places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 4 (06.08.22).</p> <p>Isolated heavy to very heavy rain is likely to occur at one or two places over Nilgiris, Coimbatore, Tiruppur, Dindigul and Theni districts. Heavy rain is likely to occur at isolated places over Tenkasi, Erode, Dharmapuri, Krishnagiri, Tirupattur, Vellore and Ranipet districts on Day 4 (06.08.22).</p> <p>Light to moderate rain at isolated places with isolated thunderstorm and lightning is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 5 (07.08.22).</p> |
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| | | Heavy rain is likely to occur at isolated places over Nilgiris and Coimbatore districts on Day 5 (07.08.22). |
| | Thunderstorm Warning | Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 1(03.08.2022) to Day 5(07.08.2022). |

Salem

Weather Advisory Bulletin for livestock, poultry and agriculture

| Livestock, Poultry and Crop | Stage | Weather advisory |
|---|------------------|--|
| Agro advisory from Krishi Vigyan Kendra, Salem: | | |
| Ground nut | Vegetative stage | Maintain proper drainage in the field. Avoid fertilizer, Fungicide and pesticide spray. |
| Castor | Collar rot | Provide proper drainage to prevent collar rot and soil drenching with 2.5 g of copper oxy chloride in 1l water to control collar rot |
| Turmeric | Rhizome rot | To control rhizome rot due to stagnation of water in the field provide proper drainage facilities. |
| Poultry | General | The farmers rearing poultry in backyard system must prevent the birds from drinking the stagnant water to prevent parasitic infestation. |
| Goat and Sheep | General | Don't allow sheep and goat to graze near local water bodies duly this season to avoid internal parasitic infestation. Farmers are advised to not allow the animals graze on fresh pasture. |
| Cow | Adult | Prevailing climate is conducive for mastitis infection in milch animals. Hence, clean the udder with 1% KMnO4 before and after milking |
| Rain water harvest | | Harvest the run off rain water in farm ponds or any suitable structures to improve the ground water table |

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

| Livestock, Poultry & Crop | Stage | Weather advisory |
|---------------------------|---------|--|
| Livestock | General | Steps to protect livestock from thunderstorms and lightning Farmers are requested to avoid grazing of animals during rains which is expected, particularly grazing of sheep and goat in flock which are more prone for lightning shock. Farmers should avoid tethering animals near barbed wire fencing, electrical posts and trees. |

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| | | Trees near the animals sheds should be pruned to avoid accidental fall over during heavy wind. |
| Sheep and Goat | General | <p>Agroforestry for small ruminants</p> <p>To augment the fodder production for small ruminants, agroforestry system particularly planting of trees may be undertaken during this south west monsoon season. The trees such as Acacia, Albizia, Erythrina, Ficus, Gliricidia, Leucaena, Sesbania, Moringa may be planted at a spacing of 1m x 1 m along the contours in an east-west direction. In general, double rows of fodder tree / shrubs at wider spacing is preferred. It has been found that when 50 per cent of the feeds supplied as tree leaves mixture viz. Albizia lebbeck, Gliricidia sepium, Leucaena leucocephala and Ficus bengalensis leaves as compared to green grass alone, the production performance and nutrient utilization in small ruminants increased. Grasses and legumes such as guinea grass, Cenchrus, stylo, hedge lucerne, horse gram, cow pea may be cultivated between double rows of trees later. Cenchrus ciliaris responds highly to phosphorous application and hence the fertilizer DAP may be applied during this monsoon season. Subdivision of the fodder plot into paddocks and rotational grazing is recommended in case of direct grazing. Grazing periods are generally 1-2 weeks, followed by recuperation periods of 3-6 weeks. At least 30 per cent legume component has to be maintained as mixed pasture for meeting the protein and calcium requirements of grazing animals.</p> |
| Agro advisory from Krishi Vigyan Kendra, Namakkal : | | |
| Crops | General | <p>During rainy season provide proper drainage facilities in the field to prevent water logging and to drain the excess water.</p> <p>Also, farmers are requested to avoid pesticide and herbicide application during rain.</p> |
| Turmeric | Vegetative sage | <p>Leaf blight management in Turmeric</p> <p>Due to change in climate, leaf blight infestation was noticed in turmeric and the symptoms are drying of leaf margins and block spots on the leaf. In severe disease conditions, rhizome rot disease may occur. To control this, foliar spraying of tirichoderma viride + bacillus subtilis @ 5 gram / liter of water or proficonazole @ 2 ml / litre of water can be undertaken.</p> |
| Paddy | Transplanting | To increase the productive tillers, as well as yield of paddy farmers are advised to apply 10 kg of farmyard manure enriched with paddy micro nutrient mixture as basal dose per acre under kharif season. |
| Banana | Growing period | Banana growers are requested to apply 20 gram azospirillum + 20 gram phosphobacteria (or) 20 gram arka microbial consortia around the base of the tree within five months after planting. |

Dharmapuri

General Advisory

Moderate Rainfall is predicted next five days farmers are advised for channel strengthening and drainage facilities. To avoid spraying and irrigation operations. Based on the crop requirement irrigation may be provided, to practice the ploughing based on the suitable soil moisture prevailing for ploughing. Sow green manure crop around the tree crops to conserve soil moisture.

| Crop/ Ecosystem | Stage / Activities | Advisories |
|--------------------|-----------------------|---|
| Tomato | Fruit stage | Fruit borer in tomato incidence spray of Azadirachtin 1% EC (10000 ppm) @ 400 ml /ac (or) Bacillus thuringiensis @400 g/ac is recommended during evening hours. |
| Onion | | To control onion Basal rot disease, drenching copper oxycycloride 2.5gram/lit of water. |
| Bhendi | Fruit stage | Fruit borer in Bhendi incidence Spraying of Bacillus thuringiensis @ 400 g/ac or emamectin benzoate 5 % SG @ 60 g/ ac or quinalphos 25 EC @ 160 ml/ac is recommended for effective management of fruit borer. |
| Casava | Vegetative stage | Casava Red spider Mites suck the sap from leaves and cause leaf deformation, with Red spider mite Damage Symptoms a rough, thickened and shrivelled appearance. The back of the leaf may appear scorched (turn yellowish brown) and dotted with inconspicuous whitish feeding punctures. During heavy infestation stunting occurs. For control for red spider mite fenazaquin 10% EC @ 1.5 ml/lit or Fenpyroximate 5 % EC @ 1 ml/lit |
| Animal husbandry | Goats | Management of Sheep & Goats during Pre-monsoon season: 1. Availability of green fodder during pre-monsoon season is difficult. So, farmers can feed their animals with unconventional fodders like trees, agricultural by products (groundnut hulls, etc.). 2. Mineral mixture should be supplemented through feed. 3. Sheep & Goats should be vaccinated for a viral disease- Peste des Petits Ruminants (PPR). 4. Based on the disease forecast, sheep & goats should be vaccinated for Anthrax, Haemorrhagic septicemia during pre-monsoon. 5. Control of external parasites like ticks, mites, flies should be done through "Dipping". By this animals can be protected from most of the protozoal diseases. 6. Deworming should be done to control the internal parasites. |

SMS: Rain : Moderate Rainfall: Onion Basal rot disease, drenching copper oxycycloride 2.5gram/lit of water and provide drainage facilities.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

| Livestock, Poultry & Crop | Stage | Weather advisory |
|------------------------------|-------|------------------|
| | | |

| | | |
|---|-----------------|--|
| Livestock | General | <p>Steps to protect livestock from thunderstorms and lightning Farmers are requested to avoid grazing of animals during rains which is expected, particularly grazing of sheep and goat in flock which are more prone for lightning shock.</p> <p>Farmers should avoid tethering animals near barbed wire fencing, electrical posts and trees.</p> <p>Trees near the animals sheds should be pruned to avoid accidental fall over during heavy wind.</p> |
| Sheep and Goat | General | <p>Agroforestry for small ruminants To augment the fodder production for small ruminants, agroforestry system particularly planting of trees may be undertaken during this south west monsoon season. The trees such as Acacia, Albizia, Erythrina, Ficus, Gliricidia, Leucaena, Sesbania, Moringa may be planted at a spacing of 1m x 1 m along the contours in an east-west direction. In general, double rows of fodder tree / shrubs at wider spacing is preferred. It has been found that when 50 per cent of the feeds supplied as tree leaves mixture viz. Albizia lebbeck, Gliricidia sepium, Leucaena leucocephala and Ficus bengalensis leaves as compared to green grass alone, the production performance and nutrient utilization in small ruminants increased. Grasses and legumes such as guinea grass, Cenchrus, stylo, hedge lucerne, horse gram, cow pea may be cultivated between double rows of trees later. Cenchrus ciliaris responds highly to phosphorous application and hence the fertilizer DAP may be applied during this monsoon season. Subdivision of the fodder plot into paddocks and rotational grazing is recommended in case of direct grazing. Grazing periods are generally 1-2 weeks, followed by recuperation periods of 3-6 weeks. At least 30 per cent legume component has to be maintained as mixed pasture for meeting the protein and calcium requirements of grazing animals.</p> |
| Agro advisory from Krishi Vigyan Kendra, Namakkal : | | |
| Crops | General | <p>During rainy season provide proper drainage facilities in the field to prevent water logging and to drain the excess water.</p> <p>Also, farmers are requested to avoid pesticide and herbicide application during rain.</p> |
| Turmeric | Vegetative sage | <p>Leaf blight management in Turmeric Due to change in climate, leaf blight infestation was noticed in turmeric and the symptoms are drying of leaf margins and block spots on the leaf. In severe disease conditions, rhizome rot disease may occur. To control this, foliar spraying of tirichoderma viride + bacillus subtilis @ 5 gram / liter of water or proficonazole @ 2 ml / litre of water can be undertaken.</p> |
| Paddy | Transplanting | <p>To increase the productive tillers, as well as yield of paddy farmers are advised to apply 10 kg of farmyard manure enriched with paddy micro nutrient mixture as basal dose per acre under kharif season.</p> |
| Banana | Growing period | <p>Banana growers are requested to apply 20 gram azospirillum + 20 gram phosphobacteria (or) 20 gram arka microbial consortia around the base of the tree within five months after planting.</p> |

Karaikal

Weather based Agro-Advisories.

To manage thrips in paddy, spray Lambda Cyhalothrin 2.5 EC 7@ 500 ml/ha or Thiamethoxam 25 WG @ 100 g/ha

Spray Fenazaquin 10 % EC @ 1250 ml/ha to manage mite in paddy.

SMS: Light rain is likely to occur during next four days. Hence, farmers may postpone irrigation

Puducherry

General Advisory:

Light to moderate rain is likely to occur during next five days.

Thunderstorm with lightning is likely to occur at one or two places from 3rd August to 7th August 2022

SMS Advisory:

Light to moderate rain is expected on next few days. Hence, farmers may postpone irrigation

| Crop(Varieties) | Crop Specific Advisory |
|-------------------------|--|
| FINGER MILLET | Vegetative Stage - To control Ragi Pink stem borer, Spray phorate 10% CG @ 2 ml/liter at every 20 days interval after germination |
| SUGARCANE | Tillering stage - To Control Mealybug in Sugarcane, Avoid excessive watering, Spray Dimethoate 30%Ec 1ml/litre, Spraying should be done only on stem not leaves. |
| Horticulture(Varieties) | Horticulture Specific Advisory |
| COCONUT | Fruiting stage - Pest population occurs round the year but population maximum during June – Sep coinciding with the onset of monsoon. To Control Rhinoceros beetle in coconut, Set up Rhino lure pheromone trap @ 5 traps/ha to trap and kill the beetles. Soak castor cake at 1 kg in 5 liter of water in small mud pots and keep them in the coconut gardens to attract and kill the adults. Apply mixture of neem seed powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. |

BLOCK LEVEL FORECAST

CHENNAI DISTRICT

Chennai Block

From extended range forecast above normal rainfall, normal maximum temperature and below normal minimum temperature expected for the period of 08.08.2022 to 14.08.2022 over Tamil Nadu. (03.08.2022-06.08.2022): Heavy rain is likely to occur at one or two places over Krishnagiri, Tirupattur, Vellore, Ranipet districts of Tamilnadu.

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|--|
| COW | 1. 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. 2. The concentrated feed and dry fodder must be stored in water proof god-owns to prevent aflatoxin and mould development. |
| GOAT | 4. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation |
| RABBIT | 5. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitry must be maintained damp free. |
| PIG | 7. To prevent the ammonia accumulation there must be in the big house, good ventilation |
| Poultry(Varieties) | Poultry Specific Advisory |
| CHICKEN | 9. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation |

TIRUVANNAMALAI DISTRICT

Anukkavur, Chengam, Arani, Chetput, Cheyyar, Jawadhu Hill, Kalasapakkam, Keelpennathur, Pernamallur, Polur, Pudupalayam, Thandrampet, Thellar, Tiruvannamalai, Thurinjapuram, Vandavasi, Verbakkam, West Arani Blocks

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may receive above normal rainfall and normal temperature for the period of 08.08.2022 to 14.08.2022. Light to moderate rainfall may be expected on forthcoming days. So, farmers are advised to avoid fertilizer application, insecticides or pesticides spray and weeding. (03.08.2022-06.08.2022): Heavy rain is likely to occur at one or two places over Krishnagiri, Tirupattur, Vellore, Ranipet districts of Tamilnadu.

| Crop(Varieties) | Crop Specific Advisory |
|-------------------------|---|
| RICE | Since rain is anticipated, provide drainage for the transplanted rice. To avoid fertilizer application, insecticides or pesticides spray and postpond irrigation. |
| GROUNDNUT | Since rain is anticipated, provide drainage for groundnut crop. To avoid fertilizer application, insecticides or pesticides spray and weeding. |
| Horticulture(Varieties) | Horticulture Specific Advisory |

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|------------------------|---|
| TURMERIC | Since rain is anticipated, provide drainage for turmeric crop. To avoid fertilizer application, insecticides or pesticides spray and weeding. |
| BANANA | Since rain is anticipated, provide drainage for banana field. To avoid fertilizer application, insecticides or pesticides spray . |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| COW | Protect the dairy cows and calves from rain. During rainy season the cattle and small ruminants should not be fed with water spoiled fodder, which may cause fever and diarrhea. |
| GOAT | Give rotational deworming liquid oxcyclozanide 5ml per sheep/Goat Give 250 ml of mixture of Maize grains groundnut oil cake per day per sheep and goat as flushing in adult animals after weening of their. Lambs / kids for 3 weeks. |

VILLUPURAM DISTRICT

Chinnasalam, Gingee, Kallakurichi, Kallrayan hill, Kana, Kandamangalam, Koliyanur, Mailam, Marakanam, Melmalayanur, Mugaiyur, Olakkur, Rishivandiyam, Sankarapuram, Thirukovilur, Thirunavalur, Thiruvainallur, Thiyagadurgam, Ulundurpet, Vallam, Vanur, Vikravandi Blocks

From extended range forecast above normal rainfall, normal maximum temperature and below normal minimum temperature expected for the period of 08.08.2022 to 14.08.2022 over Tamil Nadu. (03.08.2022-06.08.2022): Heavy rain is likely to occur at one or two places over Krishnagiri, Tirupattur, Vellore, Ranipet districts of Tamilnadu.

| Crop(Varieties) | Crop Specific Advisory |
|-------------------------|--|
| RICE | Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l.2. Due to prevailing weather condition chances of red mite infestation in paddy field. To control spray dicofol 18.5% EC 1250 ml/ha or azadiractin 0.03% 1000 ml/ha.3. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours. |
| SUGARCANE | Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.2. Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l). |
| Horticulture(Varieties) | Horticulture Specific Advisory |
| COCONUT | Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.2. Encourage buildup of parasitoids (Encarsia sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak.3. In severe case, spray neem oil 10 ml/lit of water or spray azadiractin 2.0 ml/lit of water with 1.0 ml of sticking agent. |

