



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 063/2022

For the period 0830 IST, 08th August 2022 to
0830 IST, 13th August 2022

Issued on Monday, 08th 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 05.08.22 to 07.08.22 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **26°C – 35°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **14°C – 16°C** during the period.

Minimum temperature of range **20°C - 28°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **09°C - 11°C** during the same period.

Spatial distribution of Rainfall

| Spatial distribution of Rainfall | Date | Area |
|----------------------------------|---------------------|------------|
| Widespread (Most places) | -- | -- |
| Fairly widespread (Many places) | 05.08.22 | Tamil Nadu |
| Scattered (Few Places) | 05.08.22 | Puducherry |
| Isolated (One or Two Places) | 06.08.22 & 07.08.22 | Tamil Nadu |
| Dry | 06.08.22 & 07.08.22 | Puducherry |

Chief Amounts of Rainfall (in cms):-

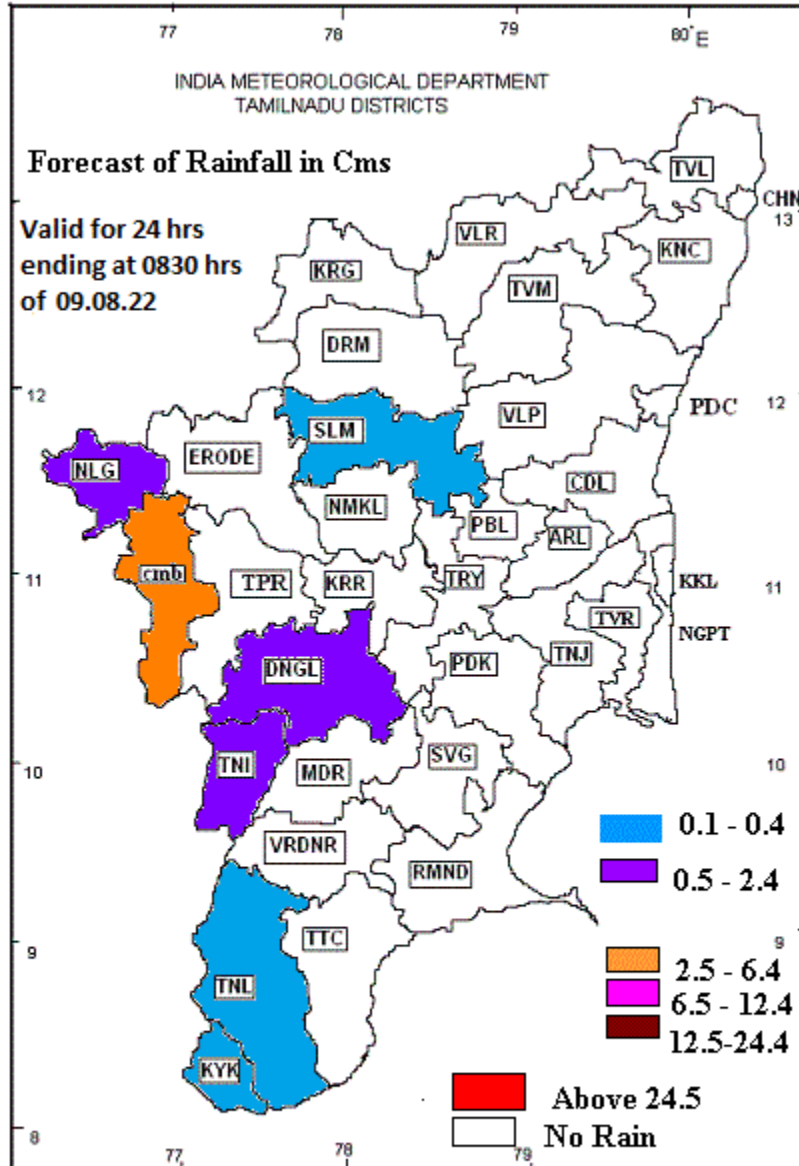
05.08.22 : Avalanche (dist Nilgiris) 20, Chinnakalar (dist Coimbatore) 19, Devala (dist Nilgiris) 18, Naduvattam (dist Nilgiris) 15, Upper Bhavani (dist Nilgiris) 14, Sholayar (dist Coimbatore) 13, Valparai PTO (dist Coimbatore) 12, Pandalur Taluk Office (dist Nilgiris), Valparai Taluk Office (dist Coimbatore), Valparai PAP (dist Coimbatore) 11 each, Cincona (dist Coimbatore), Tiruvannamalai (dist Tiruvannamalai) 9 each, Harisan Estate, Cherumulli (dist Nilgiris), Pappireddipatti (dist Dharmapuri) 8 each, Periyar (dist Theni), Gudalur Bazar (dist Nilgiris), Glenmorgan (dist Nilgiris), Udhagai (dist Nilgiris), Barwood (dist Nilgiris), Wood Braiyar Estate (dist Nilgiris) 7 each, Emeraldad (dist Nilgiris), Pennagaram (dist Dharmapuri), Erode (dist Erode), Kothagiri (dist Nilgiris), Upper Gudalur (dist Nilgiris), Paparapatty KVK (dist Dharmapuri) 6 each, Ketti (dist Nilgiris), Uthagamandalam PTO (dist Nilgiris), Anjatti (dist Krishnagiri), Anandhapuram (dist Villupuram), Masinagudi (dist Nilgiris) 5 each, Kallatty (dist Nilgiris), Aliyar (dist Coimbatore), Hogenekal (dist Dharmapuri), Thekkadi (dist Theni), Kundha Bridge (dist Nilgiris) 4 each, Pallipattu (dist Tiruvallur), Yercaud (dist Salem), Maduranthagam (dist Chengalpattu), Marandahalli (dist Dharmapuri), Keelpennathur (dist Tiruvannamalai), Ponneri (dist Tiruvallur), Chengam (dist Tiruvannamalai), Polur (dist Tiruvannamalai), Coonoor Pto (dist Nilgiris), Harur (dist Dharmapuri), Denkanikottai (dist Krishnagiri), Coonoor (dist Nilgiris), Rayakottah (dist Krishnagiri), Palacode (dist Dharmapuri), Vellore (dist Vellore) 3 each, Uthangarai (dist Krishnagiri), Neyveli Aws (dist Cuddalore), Sendamangalam (dist Namakkal), Odanchatram (dist Dindigul), Amaravathy Dam (dist Tiruppur), Annur (dist Coimbatore), Thamarapakkam (dist Tiruvallur), Mettupalayam (dist Coimbatore), Mettur (dist

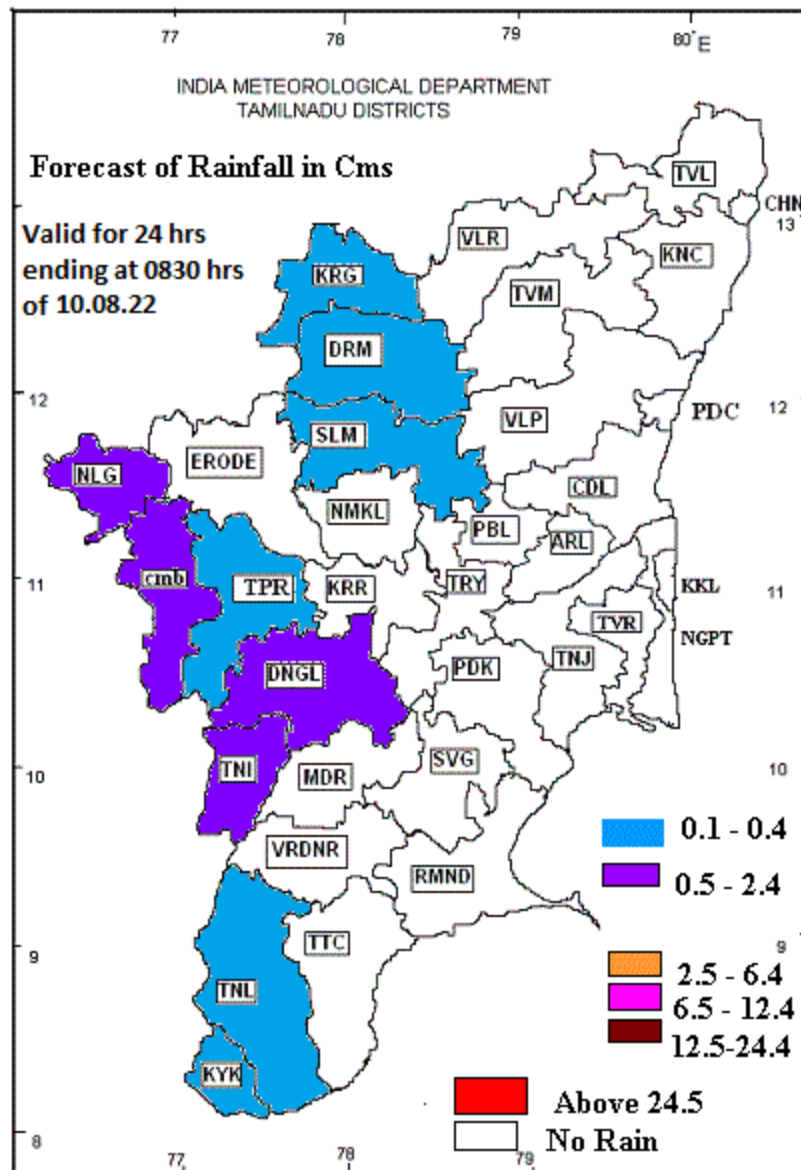
Salem), Dharmapuri Pto (dist Dharmapuri), Ulundurpet (dist Kallakurichi), Vanur (dist Villupuram), Sankarapuram (dist Kallakurichi), Tirur KVK (dist Tiruvallur) 2 each, Thammampatty (dist Salem), Penucondapuram (dist Krishnagiri), Udumalpet (dist Tiruppur), Kadavur (dist Karur), Vedasandur (dist Dindigul), Uttamapalayam (dist Theni), Kodaikanal (dist Dindigul), Pechiparai (dist Kanyakumari), Red Hills (dist Tiruvallur), Tirupattur (dist Tirupattur), Nanguneri (dist Tirunelveli), Keeranur (dist Pudukkottai), Thalavadi (dist Erode), Cholavaram (dist Tiruvallur), Thandampettai (dist Tiruvannamalai), Nannilam (dist Tiruvarur), K.m.koil (dist Cuddalore), Veerapandi (dist Theni), Kamatchipuram (dist Dindigul), Shencottah (dist Tenkasi), Mannargudi (dist Tiruvarur), Gudalur (dist Theni), Colachel (dist Kanyakumari), Thenkasi (dist Tenkasi), Puducherry (dist Puducherry), Palani (dist Dindigul), Ayikudi (dist Tenkasi), Srivilliputhur (dist Virudhunagar), Dharamapuri (dist Dharmapuri), Gingee (dist Villupuram), Coimbatore South (dist Coimbatore), Pollachi (dist Coimbatore), Cuddalore (dist Cuddalore), Puzhal Arg (dist Tiruvallur), Papanasam (dist Tirunelveli), Tindivanam (dist Villupuram), Wallajah (dist Ranipet), Sandhiyur KVK (dist Salem) 1 each.

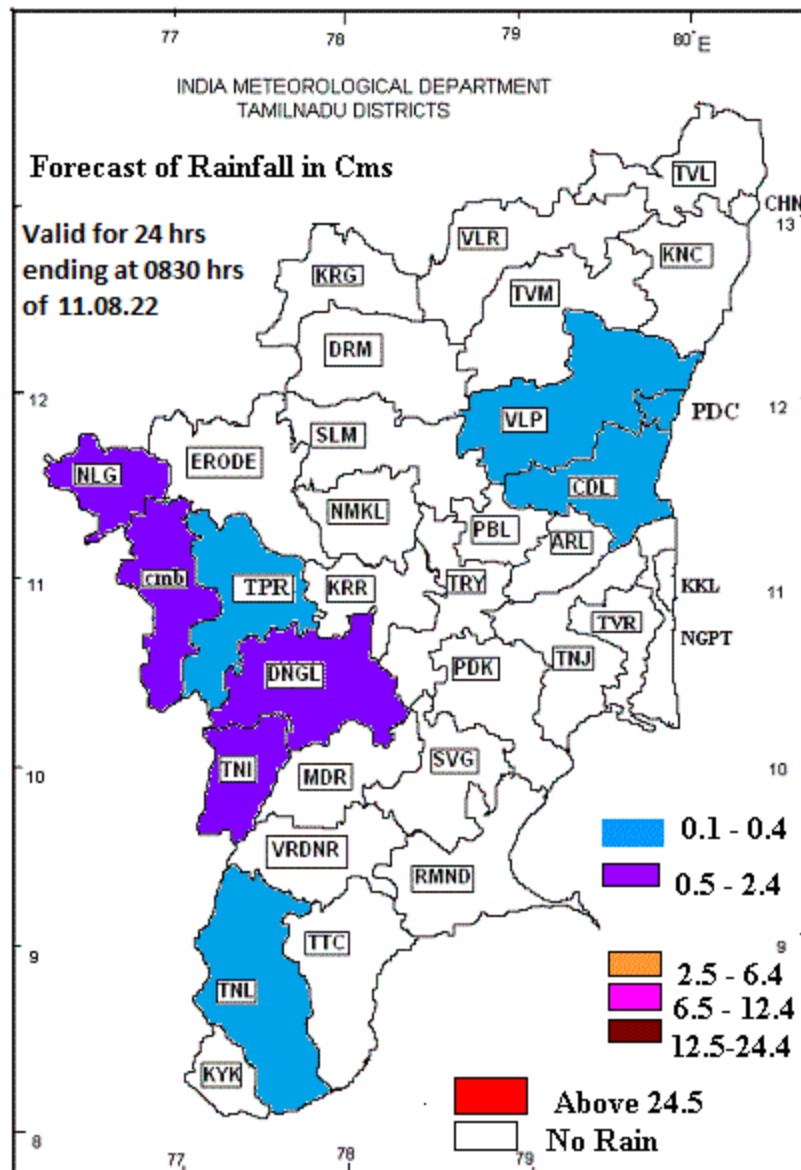
06.08.22 : Avalanche (dist Nilgiris) 32, Upper Bhavani (dist Nilgiris) 20, Taluk Office Pandalur (dist Nilgiris) 14, Harisan Estate (dist Nilgiris) 9, Chinnakalar (dist Coimbatore) 7, Emeralad (dist Nilgiris) 6, Sholayar (dist Coimbatore), Cincona (dist Coimbatore), Valparai Pto (dist Coimbatore), Devala (dist Nilgiris) 5 each, Valparai Taluk Office (dist Coimbatore), Valparai PAP (dist Coimbatore), Barwood (dist Nilgiris) 4 each, G Bazar (dist Nilgiris), Naduvattam (dist Nilgiris) 3 each, K Bridge (dist Nilgiris), Pallipattu (dist Tiruvallur), Glenmorgan (dist Nilgiris) 2 each, Pilavakkal (dist Virudhunagar), Periyar (dist Theni), Uthagamandalam (dist Nilgiris), Thekkadi (dist Theni), Thenparanadu (dist Trichy), Pollachi (dist Coimbatore), Kodaikanal (dist Dindigul), Vaniyambadi (dist Tirupattur), Veerapandi (dist Theni), Thali (dist Krishnagiri), Ambur (dist Tirupattur), Shoolagiri (dist Krishnagiri) 1 each.

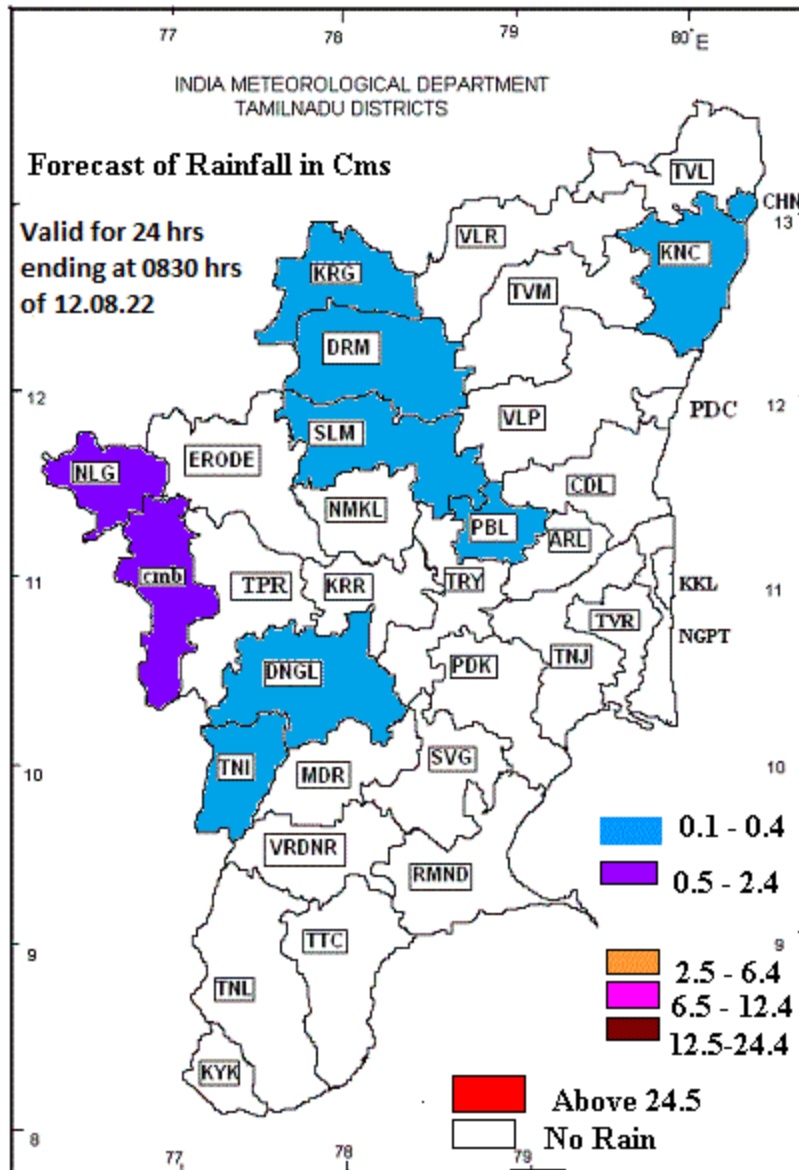
07.08.22 : Avalanche (dist Nilgiris), Upper Bhavani (dist Nilgiris) 11 each, Pandalur Taluk Office (dist Nilgiris), Haraisan Estate, Cherumulli (dist Nilgiris), Chinnakalar (dist Coimbatore) 9 each, Sholayar (dist Coimbatore), Devala (dist Nilgiris), Gundalur Bazar (dist Nilgiris) 6 each, Kundha Bridge (dist Nilgiris), Valparai PTO (dist Coimbatore), Wood Braiyar Estate (dist Nilgiris), Cincona (dist Coimbatore) 5 each, Upper Gudalur (dist Nilgiris), Valparai PAP (dist Coimbatore), Valparai Taluk Office (dist Coimbatore), Thekkadi (dist Theni), Chamraj Estate (dist Nilgiris) 4 each, Periyar (dist Theni), Emeralad (dist Nilgiris), Glenmorgan (dist Nilgiris) 2 each, Naduvattam (dist Nilgiris), Uthagamandalam (dist Nilgiris), Arani (dist Tiruvannamalai), Papanasam (dist Tirunelveli), Barwood (dist Nilgiris) 1 each.

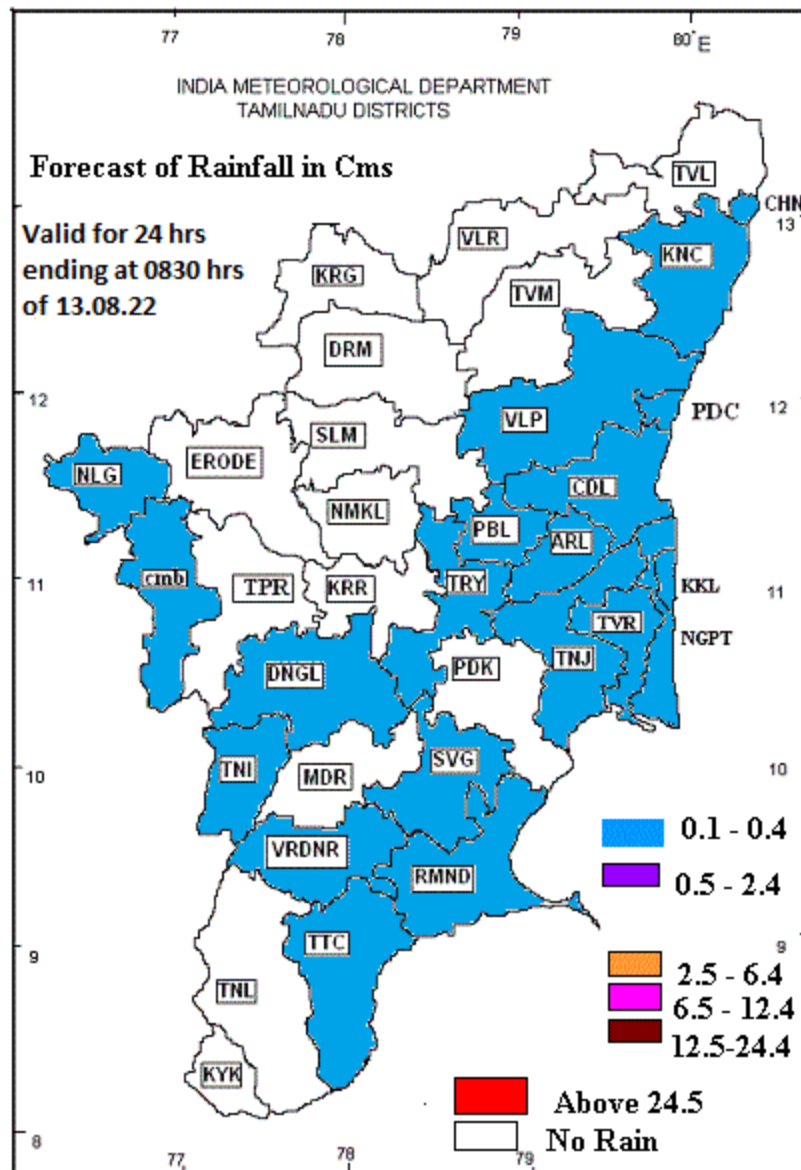
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 08.08.22
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

Chennai

SMS Advisory:

(09.08.2022-13.08.2022).Light to moderate rain is likely to occur at isolated places over Tamilnadu, Livestock Advisory1. 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 aflotoxin 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:

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Agricultural advisory

Rice

Prevailing weather condition is favorable for leaf folder incidence in rice. To control this, apply fipronil 2ml/litre.

In the paddy planting field to apply Butachlor for weed control 2.5 litre+25 Kg sand per hectare on the third day.

Groundnut

During rainy season iron deficiency may be seen in groundnut. So, apply Feso₄ 1% @ 10ml /litre.

Maize

Prevailing weather condition is favorable for fall army worm incidence in maize. Hence farmers are requested to monitor the field and spray Chlorantraniliprole 18.5 SC 4 ml/10 litre.

Bhendi

Prevailing weather condition is favorable for fruit / shoot borer incidence in Bhendi. To control this, spray imidachloprid 0.5 ml @ /litre or Emmamectin benzoate @ 0.4g/litre.

Brinjal

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

Turmeric

To control rhizome rot in turmeric, spot drenching with 1% Bordeaux Mixture or copper oxy chloride @ 0.25 %.

Coconut

To control rhinoceros beetle in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown.

Tiruvannamalai

SMS Advisory:

(09.08.2022-13.08.2022).Light to moderate rain is likely to occur at isolated places over Tamilnadu, Livestock Advisory1. 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 aflotoxin and mould development. To prevent mortality due to thunder strike during very heavy rainfall with thunderstorm, grazing during heavy rainfall should be prevented.

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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:

Due to prevailing weather condition chances of thrips infestation in paddy field. Tocontrol spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l.2. Due to prevailingweather condition chances of redmite infestation in paddy field. To control spray dicofol18.5% EC 1250 ml/ha or azadiractin 0.03% 1000 ml/ha.3. Due to prevailing weathercondition 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 duringmorning 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. 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 build up 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.

Tiruvallur

From extended range forecast Below normal rainfall, Normal minimum temperature and maximum temperature expected for the period of 10.08.2022 to 16.08.2022 over Tamil Nadu. 1. Based on soil moisture provide irrigation to the crop; 2. Farmers are advised download (meghdoot) app from android play store.

| Crop(Varieties) | Crop Specific Advisory |
|-------------------------|---|
| 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. Spray carbendazim + thiram + mancozeb (1:1:1) @ 0.2% at 50% flowering stage. |
| 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, <i>Trichogramma chilonis</i> 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. |
| OKRA/ LADYFINGER | Bhendi/Okra-Seed Treatment- Seed treatment with <i>Trichoderma viride</i> @ 4 g/kg of seeds and again with 400 g of <i>Azospirillum</i> using starch as adhesive and dried in shade for 30 minutes. |
| GROUNDNUT | Groundnut-Leaf miner-spray Methyl demeton 25 EC 1000 ml per acre in 200 litres of water ; and Set up light trap between 8 to 11 pm at ground level. |
| Horticulture(Varieties) | Horticulture Specific Advisory |
| BRINJAL | Brinjal- Damping Off- Treat the seeds with <i>Trichoderma viride</i> @ 4 g / kg or <i>Pseudomonas fluorescens</i> @ 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 receive below normal rainfall and normal temperature for the period of 10.08.2022 to 16.08.2022. Prevailing weather condition is favorable for sucking pest incidence for all crops. Farmers are advised to monitor their field and take necessary plant protection measures based on symptoms of damage. Dry weather may be expected on forthcoming days. So, farmers are advised irrigate the field based on soil moisture.

| Crop(Varieties) | Crop Specific Advisory |
|-----------------------------|--|
| RICE | Prevailing weather condition is favorable for leaf folder incidence in rice. To control this, apply fipronil 2ml/litre. In the paddy planting field to apply Butachlor for weed control 2.5 litre+25 Kg sand per hectare on the third day. |
| GROUNDNUT | During rainy season iron deficiency may be seen in groundnut. So, apply Feso4 1% @ 10ml /litre. |
| OKRA/ LADYFINGER | Prevailing weather condition is favorable for fruit / shoot borer incidence in Bhendi. To control this, spray imidachloprid 0.5 ml @ /litre or Emmamectin benzoate @ 0.4g/litre. |
| MAIZE | Prevailing weather condition is favorable for fall army worm incidence in maize. Hence farmers are requested to monitor the field and spray Chlorantraniliprole 18.5 SC 4 ml/10 litre. |
| Horticulture(Va rieties) | Horticulture Specific Advisory |
| BRINJAL | Prevailing weather condition is favorable for Hadda beetle incidence in Brinjal. To control this, spray Acepate @ 2 gm /litre. |
| TURMERIC | To control rhizome rot in turmeric, spot drenching with 1% Bordeaux Mixture or copper oxy chloride @ 0.25 %. |
| COCONUT | To control rhinoceros beetle in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| COW | 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

From extended range forecast below normal rainfall, normal maximum temperature and minimum temperature expected for the period of 10.08.2022 to 16.08.2022 over Tamil Nadu. Farmers are advised to irrigate the crop based on soil moisture.

| 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. |
| 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). |
| Horticulture(Varieties) | Horticulture Specific Advisory |
| COCONUT | 1. 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 sever 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. |

Coimbatore

Agro Advisory

| Crop | Stage | Advisory |
|-----------|---------------|--|
| General | | Light to Moderate rainfall is expected in western zone during next five days. Hence, provide adequate drainage to all crops. Rainfall with heavy wind speed may lodge the tall crops and damage the animal shed. Provide adequate support. The runoff water may be properly drained to farm pond for supplemental irrigation during later days. |
| Rice | Transplanting | Since the rainfall is light to moderate the transplanting of rice may be continued with proper drainage. Since the wind speed is more than 18 km/hr, postpone the top dressing of nitrogen to 30 days old transplanted rice. |
| Maize | Vegetative | Utilizing the received and anticipated rainfall, sowing of maize may be continued with proper drainage. This is the best time for sowing maize with proper drainage for reaping potential yield. |
| Sugarcane | | Wind speed is more than 16 km per hour, hence five months old banana and sugarcane may be propped against lodging pest irrigation. With the past weather and wet spell, there is deficiency of iron noticed in late season planted cane of black soil. To recover from this malady, repeated spray of 1% ferrous sulphate + 1% urea solution, once in 15 days is recommended. |
| Cotton | Sowing | It is advised to complete the cotton sowing before 15 th of August by utilizing the anticipated rainfall. |
| Tomato | Planting | Since rain fall is expected, tomato seedlings may be planted in ridges and furrows. |

| | | |
|----------|--|--|
| Gourd | | This is the best time for take-up sowing gourds like snake gourd, bitter gourd and other cucurbits. Hence farmers are requested to take up sowing of above crops. |
| Turmeric | | Considering the anticipated rainfall provide drainage in Turmeric against rhizome rot. Since relative humidity and wind speed are above the threshold level, leaf spot disease in turmeric may appear. To control, spray 500 g Carbendazim or 1000g Mancozeb or 1250g copper oxy chloride per hectare to be dissolved in 500 litres of water. |
| Coconut | | Provide inward basin in around the coconut trees to harvest rainwater in root zone. |
| Animal | | Due to expected rainfall and high wind speed poultry shed may be protected by hanging of gunny bags at the borders of the shed. Since continuous rain fall is expected, drain the stagnated water in and around the cattle and poultry sheds. |

SMS advisory

Rainfall with heavy wind speed may lodge the tall crops and damage the animal shed. Provide adequate support.

Erode

Agro Advisory

| Crop | Stage | Advisory |
|-----------|---------------|--|
| General | | Light to Moderate rainfall is expected in western zone during next five days. Hence, provide adequate drainage to all crops. Rainfall with heavy wind speed may lodge the tall crops and damage the animal shed. Provide adequate support. The runoff water may be properly drained to farm pond for supplemental irrigation during later days. |
| Rice | Transplanting | Since the rainfall is light to moderate the transplanting of rice may be continued with proper drainage. Since the wind speed is more than 18 km/hr, postpone the top dressing of nitrogen to 30 days old transplanted rice. |
| Maize | Vegetative | Utilizing the received and anticipated rainfall, sowing of maize may be continued with proper drainage. This is the best time for sowing maize with proper drainage for reaping potential yield. |
| Sugarcane | | Wind speed is more than 16 km per hour, hence five months old banana and sugarcane may be propped against lodging pest irrigation. With the past weather and wet spell, there is deficiency of iron noticed in late season planted cane of black soil. To recover from this malady, repeated spray of 1% ferrous sulphate + 1% urea solution, once in 15 days is recommended. |
| Cotton | Sowing | It is advised to complete the cotton sowing before 15 th of August by utilizing the anticipated rainfall. |
| Tomato | Planting | Since rain fall is expected, tomato seedlings may be planted in ridges and furrows. |
| Gourd | | This is the best time for take-up sowing gourds like snake gourd, bitter |

| | | |
|----------|--|--|
| | | gourd and other cucurbits. Hence farmers are requested to take up sowing of above crops. |
| Turmeric | | Considering the anticipated rainfall provide drainage in Turmeric against rhizome rot. Since relative humidity and wind speed are above the threshold level, leaf spot disease in turmeric may appear. To control, spray 500 g Carbendazim or 1000g Mancozeb or 1250g copper oxy chloride per hectare to be dissolved in 500 litres of water. |
| Coconut | | Provide inward basin in around the coconut trees to harvest rainwater in root zone. |
| Animal | | Due to expected rainfall and high wind speed poultry shed may be protected by hanging of gunny bags at the borders of the shed. Since continuous rain fall is expected, drain the stagnated water in and around the cattle and poultry sheds. |

SMS advisory

Rainfall with heavy wind speed may lodge the tall crops and damage the animal shed. Provide adequate support.

Tiruppur

Agro advisory

| Crop | Stage | Advisory |
|-----------|------------|---|
| General | | Light to Moderate rainfall is expected in western zone during next five days. Hence, provide adequate drainage to all crops. Rainfall with heavy wind speed may lodge the tall crops and damage the animal shed. Provide adequate support. The runoff water may be properly drained to farm pond for supplemental irrigation during later days. |
| Maize | Vegetative | Utilizing the received and anticipated rainfall, sowing of maize may be continued with proper drainage. This is the best time for sowing maize with proper drainage for reaping potential yield. |
| Sugarcane | | Wind speed is more than 12-14 km per hour, hence five months old banana and sugarcane may be propped against lodging pest irrigation. With the past weather and wet spell, there is deficiency of iron noticed in late season planted cane of black soil. To recover from this malady, repeated spray of 1% ferrous sulphate + 1% urea solution, once in 15 days is recommended. |
| Tomato | Planting | Since rain fall is expected, tomato seedlings may be planted in ridges and furrows. |
| Coconut | | Provide inward basin in around the coconut trees to harvest rainwater in root zone. |
| Animal | | Due to expected rainfall and high wind speed poultry shed may be protected by hanging of gunny bags at the borders of the shed. Since continuous rain fall is expected, drain the stagnated water in and around the cattle and poultry sheds. |

SMS advisory

Rainfall with heavy wind speed may lodge the tall crops and damage the animal shed. Provide adequate support.

Nilgiris

Due rain is expected, drainage facilities should be provided in the field to drain excess rain water. To increase the phosphorus mobilization in soil, soil application of Phosphobacteria @ 2 kg/ha can be applied during basal application along with farm yard manure.

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|--|
| POTATO | Disease resistant potato variety kufri girdhari may be chosen for planting to avoid disease incidence during autumn season period. |

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

Agro Advisory

| Crop | Stage | Advisory |
|--------|-------|---|
| Rice | | Harvesting of matured paddy can be done before rain. |
| | | Land preparation for samba rice cultivation may be initiated. |
| | | Dry seeding of long duration rice varieties viz., CR 1009, ADT 50 and ADT 51 may be done considering the expected rainfall. |
| Cattle | Cow | Before and after milking, clean the udder using potassium permanganate solution to avoid mastitis disease |

SMS advisory

Harvesting of matured paddy can be done before rain.

Dindigul

Heavy Rainfall Warning: Thunderstorm with Heavy rain is likely to occur at isolated places over the district on 9 August 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. Chances of Moderate rain on 9 Aug & light rain during 10, 11, 12, 13 Aug. Max temp-32°C-33°C & Min temp -22°C. Generally cloudy sky for next 5 days. Wind speed 14 kmph from SW, W & NW directions.

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|---|
| SNAKE GOURD | Due to current weather, the incense of semi looper is expected in Snake gourd. The symptom of damage appears on leaves, the caterpillar cuts the edges of the leaf lamina, folds it over the leaf and feeds from within the leaf roll. To control spray Neem oil @ 100 ml per 10 litres of water. |
| BRINJAL | Prevailing weather condition the incense of leaf Spot in Brinjal. During rainy and cloudy weather the attack of leaf spot is heavy. To control spray any one of the |

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| | followings 2 gm Copper oxychloride or 2 ½ gm Zineb per litre of water . |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| COW | Kind attention to the cattle rearer, Deworming has to be done for the livestock in the beginning of the rainy season and throughout the season. Because, during this period, the worms get multiplied at a greater rate. Farmers are advised to contact the nearby vet-clinic and de-worm your cattle with the support of the veterinarian. |

Madurai

Extended range Forecast for next week (12th – 18th Aug 2022): Rainfall: As per extended range predictions, there is possibility of below normal rainfall likely during the subsequent week 12 to 18 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. 12 to 18 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 12 to 18 Aug 2022. For the next five days, Max temp-35°C-36°C & Min temp -24°C-25°C. Partly cloudy sky for next 5 days. Wind speed 6 kmph from SW & W directions.

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|-------------------------|--|
| Crop(Varieties) | Crop Specific Advisory |
| RICE | It's time to carry out the land preparation of Paddy cultivation for a good return. Ploughing should be carried out. After inundation puddling is to be done as per transplanting. More care should be taken to level the field to zero level. Stagnation of water in patches during germination and early establishment of the crop leads to uneven crop stand. Land levelling has to say over efficient weed and water management practices. Provision of shallow trenches (15cm width) at an interval of 3m all along the field will facilitate the draining of excess water at the early growth stage. |
| Horticulture(Varieties) | Horticulture Specific Advisory |
| BRINJAL | Prevailing weather condition the incense of Fruit borer seen in vegetable crops. To control fix pheromone traps @ 12 per hectare. Collect and destroy the affected vegetable and adult worm. If necessary, spray Bacillus Thurigiensis @ 2 gm per litre. |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| COW | Kind attention to the cattle rearer, Deworming has to be done for the livestock in the beginning of the rainy season and throughout the season. Because, during this period, the worms get multiplied at a greater rate. Farmers are advised to contact the nearby vet-clinic and de-worm your cattle with the support of the veterinarian. |

Pudukottai

Farmers should clean the drains and water bodies and carry out rainwater harvesting activities as rain is expected. Utilizing the anticipated rain, start sowing of Gourds.

| Crop(Varieties) | Crop Specific Advisory |
|-------------------------|--|
| MAIZE | With the receipt of light rainfall in the past week, hand weeding may be done in maize and apply 50 kg of urea per hectare as top dressing. |
| JASMINE | Utilizing the anticipated rain, for the application of manure and fertilizers in Jasmine. NPK @ 60:120:120 g and 470 of complex, 30g of Urea/plant/year is applied along with 10 kg FYM per plant. |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| GOAT | Prevailing weather conditions for Enterotoxemia, vaccination the young Goat/ growing kids at 6 th month, vaccinate the animals once in a year before the onset of monsoon and at the time of Lambing stage of Goat |
| Sericulture (Varieties) | Sericulture Specific Advisory |
| MULBERRY | Prevailing weather condition is favourable for Uzifly in silkworm growing areas for that Nesolynx thymus at 1 lakh adults/100 dfls during night hours. Release the hyperparasitoid after 2 days after fumigation |

Ramanathapuram

From extended range forecast, Below Normal rainfall, Normal maximum temperature and Normal minimum temperature expected for the period of August 10 to August 16 over Tamil Nadu. Farmers are advised to repair the water channels, farm ponds and other water bodies to harvest the rainwater.

| Horticulture(Varieties) | Horticulture Specific Advisory |
|-------------------------|--|
| COCONUT | Due to the prevailing weather condition incidence of rogose whitefly is expected in coconut.High temperature, prolonged dry spell and low relative humidity is favourable for rugose whitefly multiplication. The damage symptoms are presence of heavy white waxy material and sticky honeydew on the under surface of leaves. Black sooty mold formation on the coconut leaves. If symptoms are observed in coconut tree Spray a jet of water forcibly on the under surface of the palm. Setting up of yellow sticky traps smeared with castor oil to a height of 5.5' @ 10/acre. Spraying with boiled maida flour paste @25g/liter of water. Spraying of 5 ml of neem oil in one liter of water along with 1 ml of sandovit. |

Sivagangai

Extended range Forecast for next week (12th – 18th Aug 2022): Rainfall: As per extended range predictions, there is possibility of below normal rainfall likely during the subsequent week 12 to 18 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. 12 to 18 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 12 to 18 Aug 2022. Chances of very light rain on 13 Aug. Max temp-35°C-36°C & Min temp -27°C. Partly cloudy sky for next 5 days. Wind speed 12 kmph from SW direction.

| Crop(Varieties) | Crop Specific Advisory |
|-------------------------|--|
| RYE | Prevailing weather is suitable for sowing Cumbu. CO7, CO (Cu) 9, X7, ICMV 221, and TNAU cumbu hybrid Co9 varieties are suitable for rainfed conditions. Soaking of cumbu seeds either in 2% Potassium chloride (KCl) or 3% Sodium Chloride (NaCl) for 16 hours followed by 5 hours of shade drying improves germination and stand. Adopt the spacing of 45 x 15 cm for all varieties. One pair row of cumbu, alternated with a single row of pulse crop. |
| Horticulture(Varieties) | Horticulture Specific Advisory |
| BANANA | Deficiency of Boron is found in Banana plantation. The symptoms are, newly emerging leaves are malformed, Plants show shunted growth and incomplete leaf in reduction. To rectify this problem, foliar spray of Borax @ 200 gms with 100 litres of water or 2gm Boric acid/ litre of water is recommended. |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| COW | Kind attention to the cattle rearer, Deworming has to be done for the livestock in the beginning of the rainy season and throughout the season. Because, during this period, the worms get multiplied at a greater rate. Farmers are advised to contact the nearby vet-clinic and de-worm your cattle with the support of the veterinarian. |

Theni

Heavy Rainfall Warning: Thunderstorm with Heavy rain is likely to occur at isolated places over the district on 9 August 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. Chances of Moderate rain on 9 Aug & light rain during 10, 11, 12, 13 Aug. Max temp-29°C-31°C & Min temp -20°C-22°C. Generally cloudy sky for next 5 days. Wind speed 12 kmph from SW & W directions.

| Crop(Varieties) | Crop Specific Advisory |
|-------------------------|--|
| RICE | For the Paddy nursery beds raised in poor quality soil, if seedlings are to be transplanted after 25 days, application of DAP has to be done 10 days prior to Transplanting. |
| Horticulture(Varieties) | Horticulture Specific Advisory |
| COCONUT | Application of Bio-fertilizer for Coconut is an important practice, utilizing the moisture due to recent rainfall, farmers are advised to mix and apply 50gm of Azospirillum, 50gm of Phosphobacteria, and 50gm of VAM with a sufficient |

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| | quantity of compost or FYM per palm. Apply this mix near the feeding roots of the palm. Starting from planting time, do this process once every six months. Don't mix bio inputs with any chemical fertilizers and pesticides. |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| COW | Kind attention to the cattle rearer, Deworming has to be done for the livestock in the beginning of the rainy season and throughout the season. Because, during this period, the worms get multiplied at a greater rate. Farmers are advised to contact the nearby vet-clinic and de-worm your cattle with the support of the veterinarian. |

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 |
|---------------------------|-------|------------------|
| | | |

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|---|------------------|---|
| Poultry | General | As the wind speed will be high, the poultry farmers having raised platform sheds should be careful in avoiding feed wastage. Addition of vegetable oil in small quantities and using of side hangings will prevent wastage of feed particularly loss of valuable supplements like vitamins. |
| | | In the recent days, there has been a rainy day followed by shine days in a week, this prevailing temperature and relative humidity is found to be an ideal condition for fly breeding. This has led to a high fly population in poultry farms. A simple technique is commonly practised to monitor fly population is spot card, which helps to take decision on fly control measures at an appropriate time. A white paper of size 5 x 3 inch mounted on a cardboard with pin and keep 5 – 10 spot cards / shed for 24 hour. After 24 hour, cards are collected and fly specks (spots) (faecal and vomit drops) can be counted to arrive approximate number of flies. If the fly spots are above 100, necessary control measures have to be taken. To control fly menace, the farm premises should be maintained hygienically through replacement of faulty nipples, proper disposal of dead birds and broken eggs. If fly intensity is high the birds should be fed with IGR mixed feed. |
| Agro advisory from Krishi Vigyan Kendra, Namakkal : | | |
| Groundnut | Sowing season | Farmers are advised to take up sowing of groundnut variety (K -1812, BSR – 2, CO – 7 and Dharani) to utilize available rains. Also advised to do seed treatment with Bacillus subtilis @ 10 gram / kg of seed before sowing. |
| Castor | Flowering stage | Castor crop has attained flowering stage. Hence farmers are advised to do foliar spraying of Castor gold @ 0.5 ml / litre of water during flowering stage to increase female flower in spikes, more density of capsules in spikes and improve crop yield. |
| Coconut | General | Coconut farmers are requested to apply 1.25 kg urea, 2 kg super, 2 kg potash / tree during this rainfall. |
| Turmeric | Vegetative stage | Turmeric growers are requested to apply urea @ 108.5 kg and potash @ 360.7 kg in five equal splits at 30, 60, 90, 120 and 150 days after planting as basal and top dressing. Also apply 150 kg super phosphate as basal dose / acre. |
| Banana | Growing period | Banana growers are advised to follow propping to bearing plants with the help of bamboo pole / casuarina pole to avoid falling down due to increase in wind speed. |

Dharmapuri

| 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. |

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| 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. |

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

| Livestock, Poultry & Crop | Stage | Weather advisory |
|---------------------------|---------|--|
| Poultry | General | As the wind speed will be high, the poultry farmers having raised platform sheds should be careful in avoiding feed wastage. Addition of vegetable oil in small quantities and using of side hangings will prevent wastage of feed particularly loss of valuable supplements like vitamins. |
| | | In the recent days, there has been a rainy day followed by shine days in a week, this prevailing temperature and relative humidity is found to be an ideal condition for fly breeding. This has led to a high fly population in poultry farms. A simple technique is commonly practised to monitor fly population is spot card, which helps to take decision on fly control measures at an appropriate time. A white paper of size 5 x 3 inch mounted on a cardboard with pin and keep 5 – 10 spot cards / shed for 24 hour. After 24 hour, cards are collected and fly specks (spots) (faecal and vomit drops) can be counted to arrive approximate number of flies. If the fly spots are above 100, necessary control measures have to be taken. To control fly menace, the farm premises should be maintained hygienically through replacement of faulty nipples, proper disposal of dead birds and |

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|---|------------------|---|
| | | broken eggs. If fly intensity is high the birds should be fed with IGR mixed feed. |
| Agro advisory from Krishi Vigyan Kendra, Namakkal : | | |
| Groundnut | Sowing season | Farmers are advised to take up sowing of groundnut variety (K -1812, BSR – 2, CO – 7 and Dharani) to utilize available rains. Also advised to do seed treatment with Bacillus subtilis @ 10 gram / kg of seed before sowing. |
| Castor | Flowering stage | Castor crop has attained flowering stage. Hence farmers are advised to do foliar spraying of Castor gold @ 0.5 ml / litre of water during flowering stage to increase female flower in spikes, more density of capsules in spikes and improve crop yield. |
| Coconut | General | Coconut farmers are requested to apply 1.25 kg urea, 2 kg super, 2 kg potash / tree during this rainfall. |
| Turmeric | Vegetative stage | Turmeric growers are requested to apply urea @ 108.5 kg and potash @ 360.7 kg in five equal splits at 30, 60, 90, 120 and 150 days after planting as basal and top dressing. Also apply 150 kg super phosphate as basal dose / acre. |
| Banana | Growing period | Banana growers are advised to follow propping to bearing plants with the help of bamboo pole / casuarina pole to avoid falling down due to increase in wind speed. |

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 on 13th August. Hence, farmers may postpone irrigation.

Puducherry

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 9th August & 10th August 2022.

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

| Crop(Varieties) | Crop Specific Advisory |
|-----------------------------|--|
| RICE | To manage rice stem borer, release parasitoid Trichogramma japonicum @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. |
| SUGARCANE | To Control Mealybug in Sugarcane, Avoid excessive watering, Spray Dimethoate 30%Ec 1ml/litre, Spraying should be done only on stem not leaves. |
| Horticulture(Va rieties) | Horticulture Specific Advisory |
| COCONUT | 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. |

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| | 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. |
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BLOCK LEVEL FORECAST

CHENNAI DISTRICT

Chennai Block

From extended range forecast Below normal rainfall, Normal minimum temperature and maximum temperature expected for the period of 10.08.2022 to 16.08.2022 over Tamil Nadu. (09.08.2022-13.08.2022). Light to moderate rain is likely to occur at isolated places over 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, Thuringapuram, Vandavasi, Verbakkam, West Arani Blocks

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be receive below normal rainfall and normal temperature for the period of 10.08.2022 to 16.08.2022. Prevailing weather condition is favorable for sucking pest incidence for all crops. Farmers are advised to monitor their field and take necessary plant protection measures based on symptoms of damage. (09.08.2022-13.08.2022). Light to moderate rain is likely to occur at isolated places over Tamilnadu.

| Crop(Varieties) | Crop Specific Advisory |
|-----------------|--|
| RICE | Prevailing weather condition is favorable for leaf folder incidence in rice. To control this, apply fipronil 2ml/litre. In the paddy planting field to apply Butachlor for weed control 2.5 litre+25 Kg sand per hectare on the third day. |

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|-------------------------|--|
| GROUNDNUT | During rainy season iron deficiency may be seen in groundnut. So, apply Feso4 1% @ 10ml /litre. |
| Horticulture(Varieties) | Horticulture Specific Advisory |
| TURMERIC | To control rhizome rot in turmeric, spot drenching with 1% Bordeaux Mixture or copper oxy chloride @ 0.25 %. |
| COCONUT | To control rhinoceros beetle in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. |

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 below normal rainfall, normal maximum temperature and minimum temperature expected for the period of 10.08.2022 to 16.08.2022 over Tamil Nadu. (09.08.2022-13.08.2022). Light to moderate rain is likely to occur at isolated places over 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 redmite 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 chances 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 sever 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. |

PUDUCHERRY DISTRICT

ARIANKUPPAM, OZHUKARAI, VILLIANUR, BAHOUR, MANNADIPET and NETTAPAKKAM Blocks

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 9th August & 10th August 2022.

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

| Crop(Varieties) | Crop Specific Advisory |
|-------------------------|---|
| RICE | 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. |
| SUGARCANE | 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 | 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. |

