



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 065/2022

For the period 0830 IST, 16th August 2022 to
0830 IST, 21st August 2022

Issued on Tuesday, 16th 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 12.08.22 to 15.08.22 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 29°C – 38°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 16°C – 22°C during the period.

Minimum temperature of range 29°C - 22°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 08°C - 11°C during the same period.

Spatial distribution of Rainfall

| Spatial distribution of Rainfall | Date | Area |
|----------------------------------|-------------------------------------|------------|
| Widespread (Most places) | -- | -- |
| Fairly widespread (Many places) | -- | -- |
| Scattered (Few Places) | -- | -- |
| Isolated (One or two Places) | 12-8-22, 13-8-22 & 14-8-22 | Tamil Nadu |
| Dry | 15-8-22 | Tamil Nadu |
| | 12-8-22, 13-8-22, 14-8-22 & 15-8-22 | Puducherry |

Chief Amounts of Rainfall (in cms):

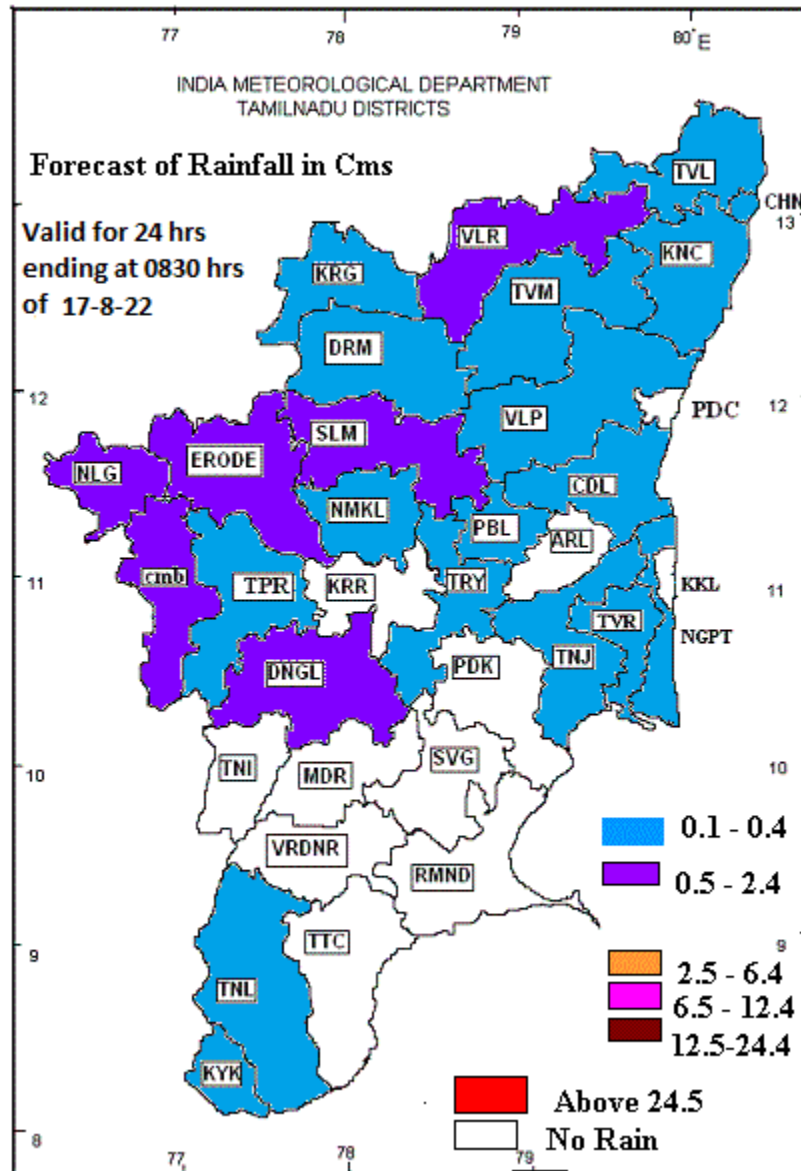
12.08.22 : Naduvattam (dist Nilgiris) 13, Gudalur Bazar (dist Nilgiris), Avalanche (dist Nilgiris), Upper Gudalur (dist Nilgiris) 11 each, Upper Bhavani (dist Nilgiris) 9, Devala (dist Nilgiris) 9 each, Barwood (dist Nilgiris) 7, Glenmorgan (dist Nilgiris), Pandalur Taluk Office (dist Nilgiris) 6 each, Harisan Estate, Cherumulli (dist Nilgiris), Valparai PTO (dist Coimbatore), Emerald (dist Nilgiris) 4 each, Wood Braiyar Estate (dist Nilgiris) 3, Kundha Bridge (dist Nilgiris), Pollachi (dist Coimbatore), Uthagamandalam (dist Nilgiris), Ketti (dist Nilgiris), Valparai PAP (dist Coimbatore) 2 each, Valparai Taluk Office (dist Coimbatore), Chinnakalar (dist Coimbatore), Sholayar (dist Coimbatore), Nannilam (dist Tiruvarur), Yercaud ISRO AWS (dist Salem), Cincona (dist Coimbatore), Chamraj Estate (dist Nilgiris) 1 each.

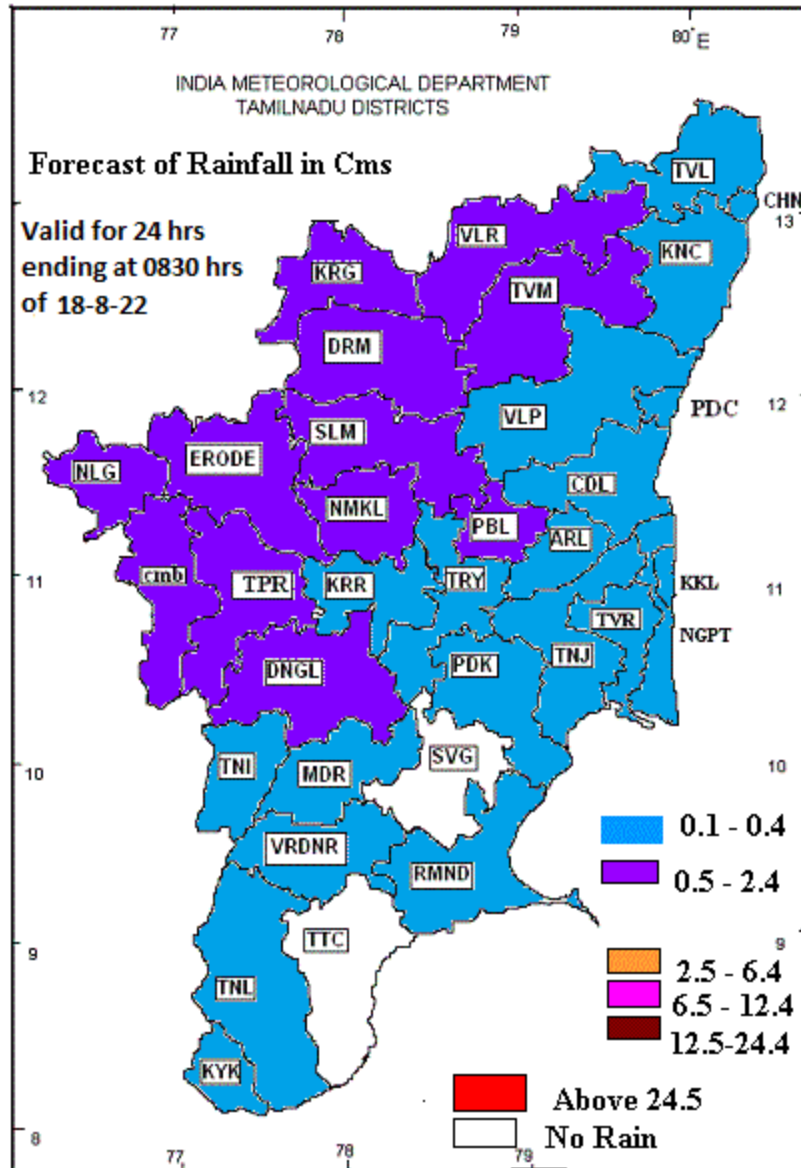
13.08.22: Taluk Office Pandalur (dist Nilgiris), Upper Bhavani (dist Nilgiris) 2 each, Cincona (dist Coimbatore), Sholayar (dist Coimbatore), Chinnakalar (dist Coimbatore), G Bazar (dist Nilgiris) 1 each.

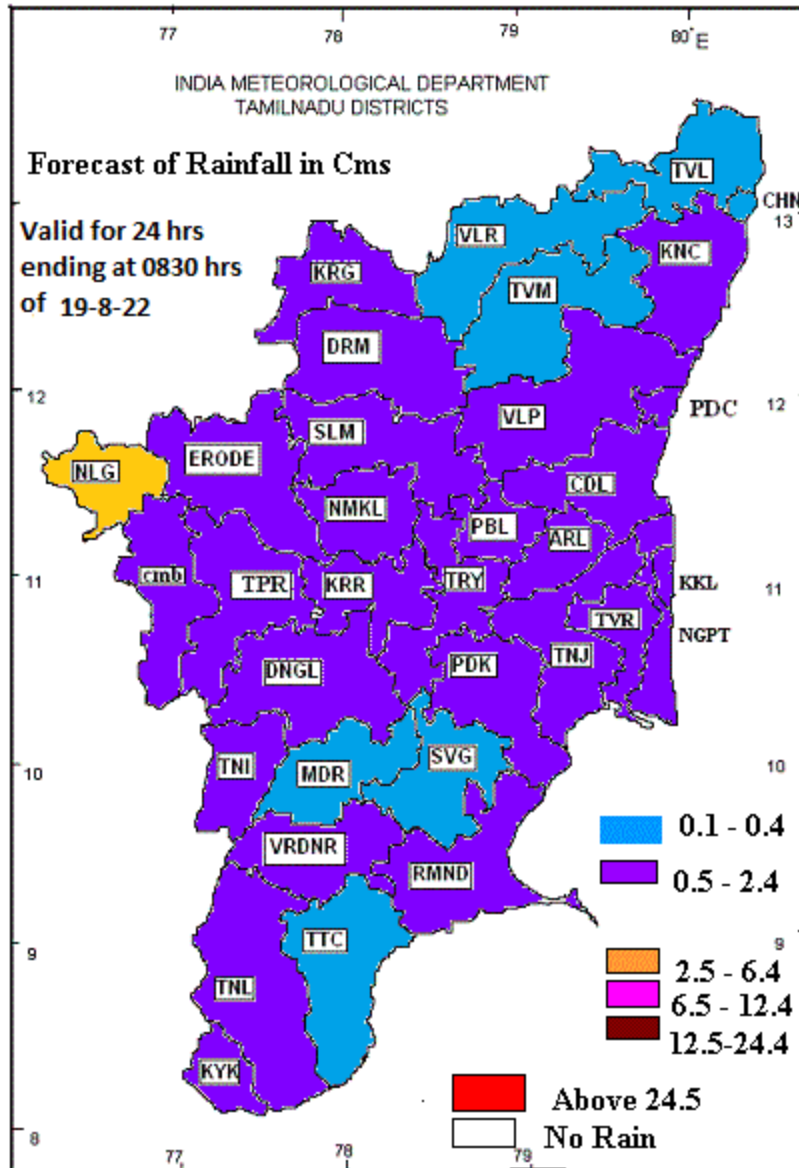
14.08.22 : Kattapakkam KVK (dist Kancheepuram) 5, Gummidipoondi (dist Tiruvallur), Sriperumbudur (dist Kancheepuram) 2 each

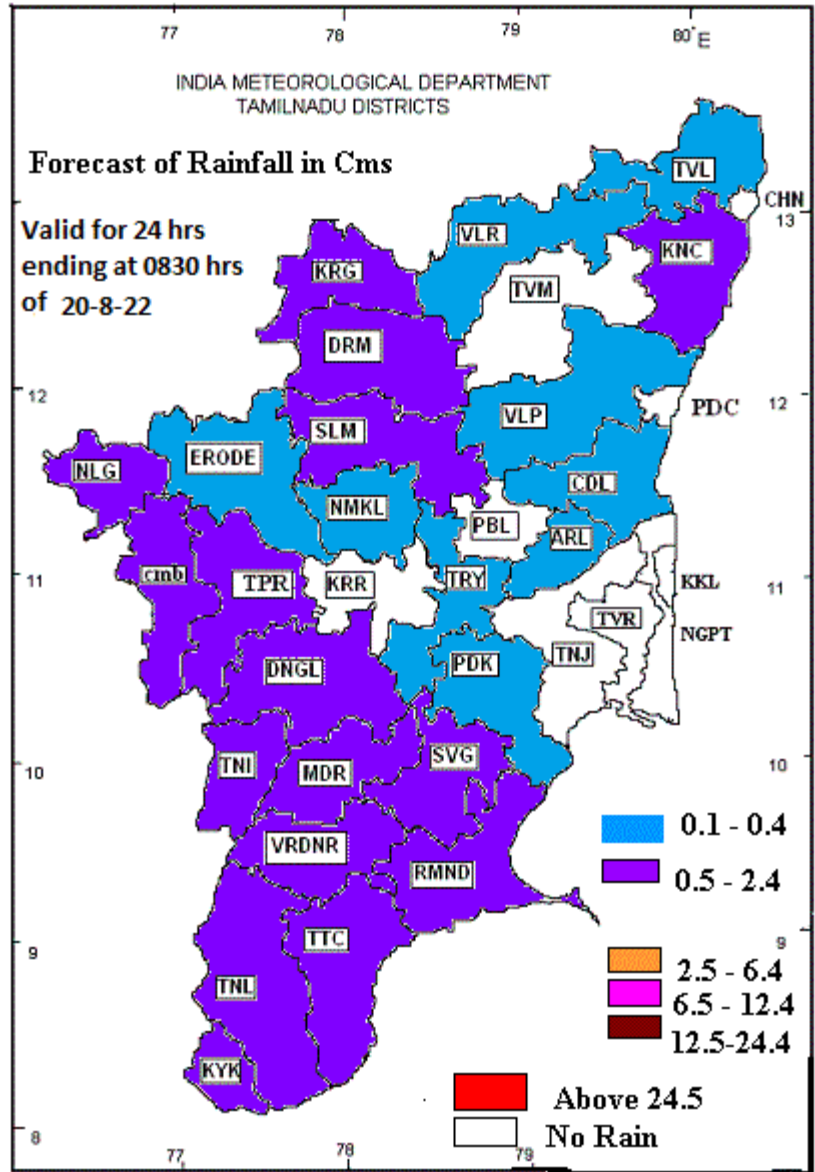
15.08.22 : Nil.

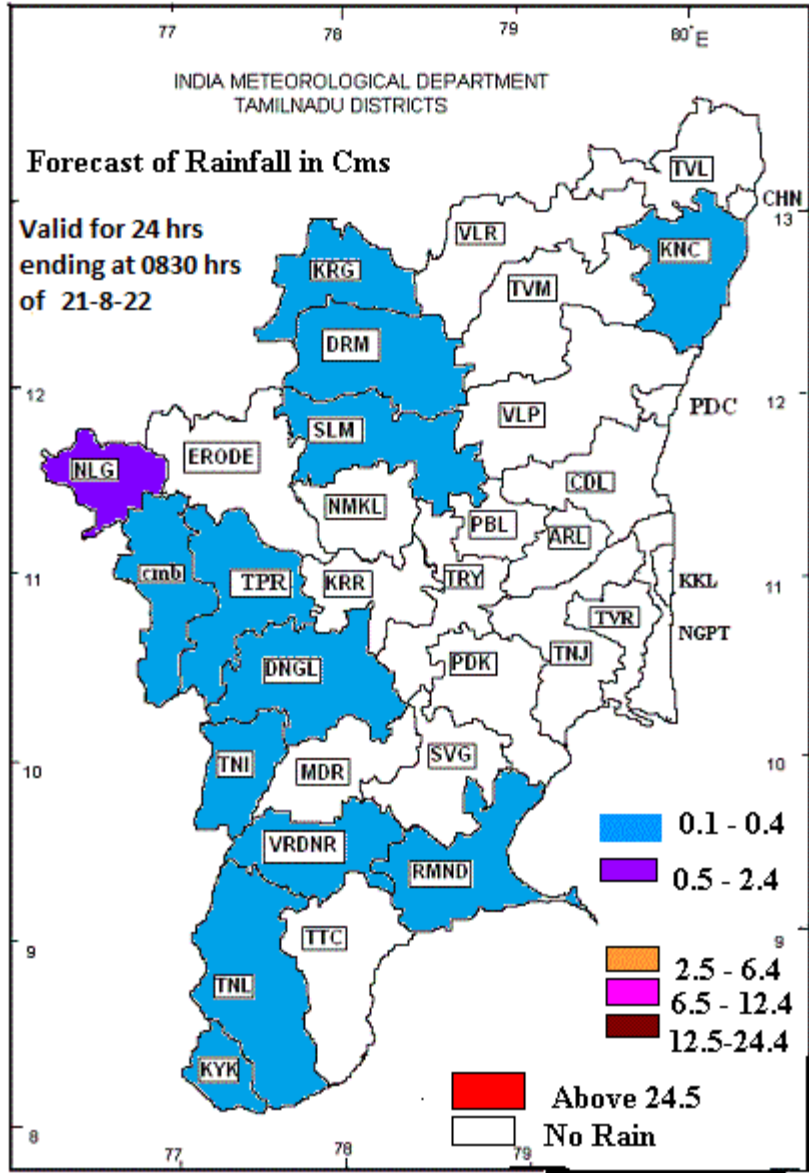
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 16.08.2022
VALID FOR THE NEXT 5 DAYS**











Districtwise Agromet Advisories

Chennai

SMS Advisory:

(19.08.22) Heavy rain is likely to occur at isolated places over Krishnagiri, Kallakurichi, Cuddalore, 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 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:

(19.08.22) Heavy rain is likely to occur at isolated places over Krishnagiri, Kallakurichi, Cuddalore, 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 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.

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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 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. 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:

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).

Maize:

Maize growing farmers the fall army worm infection apply neem cake @ 250 kg/ha (farmer contribution) Seed treatment with cyantraniliprole 19.8% + thiamethoxam 19.8 FS @ 4.0 ml/kg seed Border cropping with gingelly or cowpea or sorghum Installation of pheromone traps @ 12 nos./ha Spraying of chlorantraniliprole 18.5 SC @ 0.4 ml/l (or) flubendiamide 20 WG (0.5 g/l) at 15-20 days of emergence (DAE) Application of ememectin benzoate 5 SG (0.4 g/l) or spinetoram 11.7 SC (0.5 ml/l) at 35-40 DAE at late whorl stage and 60 DAE

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 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.

Thiruvannamalai

SMS Advisory:

(19.08.22) Heavy rain is likely to occur at isolated places over Krishnagiri, Kallakurichi, Cuddalore, 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 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.

Agricultural advisory

Rice:

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

Groundnut:

Provide drainage for groundnut crop. To avoid fertilizer application, insecticides or pesticides spray.

Black gram:

Provide drainage for black gram crop. To avoid fertilizer application, insecticides or pesticides spray and weeding.

Maize:

Provide drainage for maize crop. 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 Normal rainfall, Normal minimum temperature and maximum temperature expected for the period of 21.08.2022 to 27.08.2022 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 to Grain mature 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.Grain discoloration- Spray carbendazim + thiram + mancozeb (1:1:1) @ 0.2% at 50% flowering stage; 3.Ear head bug -Spray Neem seed kernel extract 5%; 4.farmers are advice to harvest the mature crop immediately and maintain 8- 12% moisture content for safe storage. |
| RICE | Rice- Samba Season-Nursery stage- Green plant hopper- Broadcast carbofuran 3% CG 3.5 kg in 20 cents and Maintain 2.5 cm of water in the nursery. |
| RICE | Rice- Samba Season-Transplanting and Tillering stage-1. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g. (Or) ; 2.Leaf folder- Spray Azadirachtin 0.03% 400 ml (Or) Chlorantraniliprole 18.5% SC 150 g per acre in 200 litres of water; 3.Whorl maggots- Spray Cartap hydrochloride 4% G 7.5-10 kg (or) Spray Fipronil 5% SC 400-600 g per acre in 200 litres of water; 4. Alage growth of paddy field- apply 2 kg of copper sulfate mix with sand. |
| 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 on wards. 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 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. |
| Horticulture(Va rieties) | Horticulture Specific Advisory |

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|--------------|---|
| CHILLI | Chilli- Thrips -Spray imidacloprid 17.8% SL 3 ml/10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/liter of water. |
| BRINJAL | Brinjal- Shoot and fruit borer - Neem seed kernel extract (NSKE) 5 % (or) Spray Azadirachtin 1.0% EC (10000 ppm) 3.0 ml/lit of chemical starting from one month after planting at 15 days interval. |
| GUAVA | Guava- Mealy bug- Spray Triozophos 2 ml+ neem oil 5 ml/1litre of water; Release Cryptolaemus montrouzieri beetles @ 10/tree. |
| BITTER GOURD | Bitter Guard- Fruit fly- Mix methyl eugenol + malathion 50 EC at 1:1 ratio and keep 10 ml of the bait in Polythene bags @ 10 / acre. |

Vellore

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be receive normal rainfall and temperature for the period of 21.08.2022 to 27.08.2022. Light to moderate rainfall may be expected on forthcoming days. So, farmers are advised to avoid fertilizer application, insecticides or pesticides spray during rainy days. Light to moderate rainfall may be expected on forthcoming days. Hence, farmers are advised to provide adequate drainage for crops.

| Crop(Varieties) | Crop Specific Advisory |
|-------------------------|---|
| RICE | Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpond irrigation. |
| GROUNDNUT | Provide drainage for groundnut crop. To avoid fertilizer application, insecticides or pesticides spray. |
| BLACK GRAM | Provide drainage for black gram crop. To avoid fertilizer application, insecticides or pesticides spray and weeding. |
| MAIZE | Provide drainage for maize crop. To avoid fertilizer application, insecticides or pesticides spray. |
| Horticulture(Varieties) | Horticulture Specific Advisory |
| BRINJAL | Since rain is anticipated, provide drainage for brinjal field. To avoid irrigation. |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| COW | Protect the dairy cows and calves from rain. |
| 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 | Back wracking the deep litter remove excessively wet litter, add dry litter materials along with lime powder. |

Cuddalore

From extended range forecast normal rainfall, maximum temperature and minimum temperature expected for the period of 21.08.2022 to 27.08.2022 over Tamil Nadu. Light to moderate rainfall expected on forthcoming days. So 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). |
| MAIZE | 1. Maize growing farmers the fall army worm infection apply neem cake @ 250 kg/ha (farmer contribution) 2. Seed treatment with cyantraniliprole 19.8% + thiamethoxam 19.8 FS @ 4.0 ml/kg seed 3. Border cropping with gingelly or cowpea or sorghum 4. Installation of pheromone traps @ 12 nos./ha 5. Spraying of chlorantraniliprole 18.5 SC @ 0.4 ml/l (or) flubendiamide 20 WG (0.5 g/l) at 15-20 days of emergence (DAE) 6. Application of ememectin benzoate 5 SG (0.4 g/l) or spinetoram 11.7 SC (0.5 ml/l) at 35-40 DAE at late whorl stage and 60 DAE |
| 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 rainfall is expected in western zone during next five days. Hence, provide irrigation based on the soil moisture. Rainfall with moderate wind speed may lodge the tall crops. Provide adequate support. |
| Rice | Transplanting & Flowering | Since the rainfall is light, the transplanting of rice may be continued with proper drainage. By utilizing anticipated rainfall, apply 2 nd top dressing @ 25kg Urea and 10kg Potash per acre to transplanted kar season rice. |
| Groundnut | | Weather conditions is favorable for the tikka leaf spot incidence in |

| | | |
|-----------|--|--|
| | | Groundnut and monitor the incidence, if necessary, spray Carbendazim 500 gram or Mancozeb 1000 gram per ha. |
| Sugarcane | | 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. Considering the anticipated drizzling, second top dressing with 85 kg Urea + 25 kg Potash / acre may be given to late season planted cane, followed by earthing up. |
| Gourd | | This is the best time for take-up sowing gourds like snake gourd, bitter gourd and other cucurbits. Hence farmers are requested of the sowing the above crops. |
| Banana | | Expected Wind speed is more than 10 km per hour with rainfall, hence five months old banana and sugarcane may be propped against lodging. Avoid irrigation. |
| Turmeric | | 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. Micronutrient deficiency in Turmeric due to cloudy weather, can be managed with spray of each 375 gram Ferrous sulphate, Zinc sulphate, borax and urea after mixing in 250 liters of water per hectare. Spray twice at 25 days interval. |
| Coconut | | Provide inward basin in around the coconut trees to harvest rainwater in root zone. |
| Animal | | Since continuous rain fall is expected, drain the stagnated water in and around the cattle and poultry sheds. Considering the present weather, which is conducive for many pathogen in milch animals. Hence clean the udder with 1% potassium permanganate before and after milking. |

SMS advisory

Due to cloudy weather, iron deficiency sugarcane can be managed by spray of 1% ferrous sulphate + 1% urea solution, once in 15 days is recommended.

Erode

Agro Advisory

| Crop | Stage | Advisory |
|---------|---------------------------|---|
| General | | Light rainfall is expected in western zone during next five days. Hence, provide irrigation based on the soil moisture. Rainfall with moderate wind speed may lodge the tall crops. Provide adequate support. |
| Rice | Transplanting & Flowering | Since the rainfall is light, the transplanting of rice may be continued with proper drainage. By utilizing anticipated rainfall, apply 2 nd top dressing @ 25kg Urea and 10kg Potash per acre to transplanted kar season rice. Due to expected rainfall already sown rice nursery may displaced. |

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| | | Hence, farmers are requested to irrigation during evening hours and drain in the next day morning |
| Groundnut | | Weather conditions is favorable for the tikka leaf spot incidence in Groundnut and monitor the incidence, if necessary, spray Carbendazim 500 gram or Mancozeb 1000 gram per ha. |
| Sugarcane | | 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. Considering the anticipated drizzling, second top dressing with 85 kg Urea + 25 kg Potash / acre may be given to late season planted cane, followed by earthing up. |
| Gourd | | This is the best time for take-up sowing gourds like snake gourd, bitter gourd and other cucurbits. Hence farmers are requested of the sowing the above crops. |
| Banana | | Expected Wind speed is more than 6 km per hour with rainfall, hence five months old banana and sugarcane may be propped against lodging. Avoid irrigation. |
| Turmeric | | 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. Micronutrient deficiency in Turmeric due to cloudy weather, can be managed with spray of each 375 gram Ferrous sulphate, Zinc sulphate, borax and urea after mixing in 250 liters of water per hectare. Spray twice at 25 days interval. |
| Coconut | | Provide inward basin in around the coconut trees to harvest rainwater in root zone. |
| Animal | | Since continuous rain fall is expected, drain the stagnated water in and around the cattle and poultry sheds. Considering the present weather, which is conducive for many pathogen in milch animals. Hence clean the udder with 1% potassium permanganate before and after milking. |

SMS advisory

Due to cloudy weather, iron deficiency sugarcane can be managed by spray of 1% ferrous sulphate + 1% urea solution, once in 15 days is recommended.

Tiruppur

Agro advisory

| Crop | Stage | Advisory |
|-----------|-------|--|
| General | | Light rainfall is expected in western zone during next five days. Hence, provide irrigation based on the soil moisture. Rainfall with moderate wind speed may lodge the tall crops. Provide adequate support. |
| Sugarcane | | 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. Considering the anticipated drizzling, second top dressing with 85 kg Urea + 25 kg Potash / acre may be given to late season planted cane, followed by earthing up. |
| Banana | | Expected Wind speed is more than 12 km per hour with rainfall, hence five months old banana and sugarcane may be propped against lodging. Avoid irrigation. |
| Coconut | | Provide inward basin in around the coconut trees to harvest rainwater in root zone. |
| Animal | | Since continuous rain fall is expected, drain the stagnated water in and around the cattle and poultry sheds. Considering the present weather, which is conducive for many pathogen in milch animals. Hence clean the udder with 1% potassium permanganate before and after milking. |

SMS advisory

Due to cloudy weather, iron deficiency sugarcane can be managed by spray of 1% ferrous sulphate + 1% urea solution, once in 15 days is recommended.

Nilgiris

Isolated Heavy rainfall is expected. Provide adequate drainage facility to standing vegetable crops in the fields. To avoid nematode infestation in Carrot crop, crop rotation should be followed in the field.

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|--|
| COW | Prevailing weather condition, the hoof disorder disease may spread widely in cattle. Although it affects all livestock, the adult cows are affected more. Bacteria enter any ulcers in the foot through damp dung and mud. Hence, the hoofs should be periodically examined and trimmed. If the symptoms found in your cattle, immediately contact the nearby veterinary clinic for further treatment. |

Dindigul

General Advisory:

Heavy Rainfall Warning: Heavy rain is likely to occur at isolated places over the district on 19 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 graze outside, standing near the trees or electric poles & provide safe shelter.

SMS Advisory:

Chances of light rain during 17, 20, 21 Aug & Moderate rain on 18, 19 Aug. Max temp-33°C-34°C & Min temp -21°C-23°C. Generally cloudy sky for next 5 days. Wind speed 12 kmph from SW, NW & W directions.

| Horticulture(Variety) | Horticulture Specific Advisory |
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|--|---|
| CHILLI | Weeding work can be carried out in Chilli. Using a hand sprayer, spray Pendimethalin @ 1 kg / ha with 500 litres of water. As pre-emergence herbicide and may be combined with hand weeding once and earth up 45 days after planting. |
| BANANA | The deficiency of Boron is found in the Banana plantation. The symptoms are, that newly emerging leaves are malformed, Plants show shunted growth and incomplete leaf reduction. To rectify this problem, foliar spray of Borax @ 200gms with 100 litres of water or 2gm Boric acid/ litre of water is recommended. |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| COW | Due to the prevailing weather condition, chances of Black quarter disease in cows. This disease is a rainy season disease, that usually affects cows in the high humid region and it occurs in young cattle of 6 months to about 2-3 years of age. The symptoms are, crepitating, swelling in the hind or fore quarter, lameness and muscles showing trembling with violent twitching. Death usually occurs within 24 hours. Hyperimmune serum (HIS) is used to control explosive outbreaks. Penicillin along with HIS is used to treat the disease. Contact the nearest veterinary doctor and vaccinate the cow before the rainy season. |
| Others (Soil / Land Preparation) (Varieties) | Others (Soil / Land Preparation) Specific Advisory |
| GENERAL ADVICE | Extended range Forecast for next week (19th – 25th Aug 2022): Rainfall: As per extended range predictions, there is possibility of near normal rainfall likely during the subsequent week 19 to 25 Aug 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 19 to 25 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 19 to 25 Aug 2022. |

Madurai

General Advisory:

Extended range Forecast for next week (19th – 25th Aug 2022): Rainfall: As per extended range predictions, there is possibility of near normal rainfall likely during the subsequent week 19 to 25 Aug 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 19 to 25 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 19 to 25 Aug 2022.

SMS Advisory:

Chances of light rain on 18, 19 Aug & Moderate rain on 20 Aug. Max temp-34°C-37°C & Min temp -24°C-26°C. Generally cloudy sky for next 5 days. Wind speed 6 kmph from SW & NW directions

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|---------------|------------------------|
| Crop(Variety) | Crop Specific Advisory |
|---------------|------------------------|

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|-----------------------|---|
| OKRA/ LADYFINGER | The incidence of aphids is seen in the Bhendi crop. Infesting tender shoots and under the surface of the leaves, curling and crinkling of leaves and stunted growth are the symptoms of damage. To control this spray any one of the following insecticides (500 litre spray fluid/ha) |
| GROUNDNUT | At this stage weed management is very important in Groundnut cultivation, soil application of Groundnut Fluchloralin @ 2 litre/ha should be done before sowing followed by a light irrigation. During the pre-emergence stage, spray Fluchloralin @ 2 litre/ha or Pendimethalin @ 3.3litre/ha with 500 litres of water on the third day after sowing through a flat fan nozzle |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| COW | Due to the prevailing weather condition, chances of Black quarter disease in cows. This disease is a rainy season disease, that usually affects cows in the high humid region and it occurs in young cattle of 6 months to about 2-3 years of age. The symptoms are, crepitating, swelling in the hind or fore quarter, lameness and muscles showing trembling with violent twitching. Death usually occurs within 24 hours. Hyperimmune serum (HIS) is used to control explosive outbreaks. Penicillin along with HIS is used to treat the |

Pudukottai

General Advisory:

Farmers are advised to harvest the matured paddy as soon as possible.

SMS Advisory:

To control Hadda beetle incidence in Brinjal, spray Acepate @ 2 gm /litre.

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|-------------------------|--|
| Crop(Varieties) | Crop Specific Advisory |
| MAIZE | Can cultivate Maize Adipattam Season (July - August) irrigated maize sowing may be done with imidacloprid 70 WS seed treatment @ 10g/kg of seeds. |
| JASMINE | Due to prevailing weather alternaria leaf spot incidence may occur in jasmine. To control, spray foliar application of mancozeb @ 2.5 g/l at monthly interval. |
| Horticulture(Varieties) | Horticulture Specific Advisory |
| CHILLI | With the expected rainfall, chilli can be grown at intervals of 45 cm with intercropping of coriander or small onion between the two rows to control weeds and get extra income |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| COW | To get high milk yield during any lactation, the milch animal should be properly fed and necessary care and manage mental practices should be followed. Provide green succulent forage together with leguminous hay or straw to the extent of animal can consume, so that all its maintenance requirements met through forage only. Extra concentrate at the rate of 1 kg should be provided for every 2 to 2.5 litres of milk yield. Salt and mineral supplements should be given to maintain the lactation. Never frighten or excite the animals. Always treat them gently and with kindness. Keep up regularity of feeding. |

Ramanathapuram

General Advisory:

Farmers are advised to repair the water channels, farm ponds and other water bodies to harvest the rain water

SMS Advisory:

From extended range forecast, Normal rainfall, Normal maximum temperature and Minimum temperature expected for the period of August 17 to August 23 over Tamil Nadu.

| Horticulture(Varieties) | Horticulture Specific Advisory |
|---|--|
| 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. |
| Others (Soil / Land Preparation)(Varieties) | Others (Soil / Land Preparation) Specific Advisory |
| GENERAL ADVICE | Carry out the pest management during Non rainy hours |

Sivagangai

General Advisory:

Extended range Forecast for next week (19th – 25th Aug 2022): Rainfall: As per extended range predictions, there is possibility of near normal rainfall likely during the subsequent week 19 to 25 Aug 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 19 to 25 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 19 to 25 Aug 2022.

SMS Advisory:

Chances of light rain on 19 Aug & Moderate rain on 20 Aug. Max temp-35°C-36°C & Min temp -25°C-27°C. Generally cloudy sky for next 5 days. Wind speed 8-10 kmph from S, SW & SE directions

| Crop(Variety) | 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(Variety) | Horticulture Specific Advisory |
| BITTER GOURD | The occurrence of Fruit flies was noticed in Snakeguard & Bitterguard. Fruit fly maggots feed on the pulp of the fruits, oozing resinous fluid from fruits, distorted and malformed fruits, premature dropping of fruits and also unfit for consumption. Use attractants like citronella oil, eucalyptus oil, vinegar (acetic acid), and lactic acid to trap flies. Use fly traps @ 5traps/ha. Keep 5gm of wet fishmeal in polythene bags (20 x 15cm) punch six holes with 3 mm dia. Add 0.1 ml of Chlorpyrifos. Chlorpyrifos should be added every week and fishmeal renewed once in 20 days. |

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|------------------------------|
| | |

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|-----|---|
| COW | Due to the prevailing weather condition, chances of Black quarter disease in cows. This disease is a rainy season disease, that usually affects cows in the high humid region and it occurs in young cattle of 6 months to about 2-3 years of age. The symptoms are, crepitating, swelling in the hind or fore quarter, lameness and muscles showing trembling with violent twitching. Death usually occurs within 24 hours. Hyperimmune serum (HIS) is used to control explosive outbreaks. Penicillin along with HIS is used to treat the disease. Contact the nearest veterinary doctor and vaccinate the cow before the rainy season. |
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Theni

Heavy Rainfall Warning: Heavy rain is likely to occur at isolated places over the district on 19 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.

Chances of light rain on 18, 21 Aug & Moderate rain on 19, 20 Aug. Max temp-31°C-33°C & Min temp -21°C-22°C. Generally cloudy sky for next 5 days. Wind speed 6 kmph from W& NW directions.

| Crop(Varieties) | Crop Specific Advisory |
|--|---|
| GROUNDNUT | At this stage, weeding work can be carried on in the Groundnut crop. Spray Fluchloralin @2 litre/ha or Pendimethalin @ 3.3 litre/ha. After sowing, on the third day, using a flat fan nozzle with 500 litres of water/ha followed by irrigation. Onetime hand weeding can be done after 35 - 40 days. |
| CITRUS | Fruit crop cultivators are advised to utilize the current weather for planting Citrus. The crop can be cultivated in both Tropical and subtropical climate conditions. It can be grown up to 1000m above MSL. Deep well-drained loamy soils are best suited for cultivation. The planting can be done from June to September months. Healthy seedlings are planted at 5 to 6 m spacing in 75cm x 75cm x 75cm pits. Irrigate copiously after planting. Water stagnationshould be avoided. |
| COW | Due to the prevailing weather condition, chances of Black quarter disease in cows. This disease is a rainy season disease, that usually affects cows in the high humid region and it occurs in young cattle of 6 months to about 2-3 years of age. The symptoms are, crepitating, swelling in the hind or fore quarter, lameness and muscles showing trembling with violent twitching. Death usually occurs within 24 hours. Hyperimmune serum (HIS) is used to control explosive outbreaks. Penicillin along with HIS is used to treat the disease. Contact the nearest veterinary doctor and vaccinate the cow before the rainy season. |
| Others (Soil / Land Preparation) (Varieties) | Others (Soil / Land Preparation) Specific Advisory |
| GENERAL ADVICE | Extended range Forecast for next week (19th – 25th Aug 2022): Rainfall: As per extended range predictions, there is possibility of near normal rainfall likely during the subsequent week 19 to 25 Aug 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 32°C over the plains of the |

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| | district during next week. 19 to 25 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 19 to 25 Aug 2022. |
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Salem

Weather Advisory Bulletin for livestock, poultry and agriculture

| Livestock, Poultry and Crop | Stage | Weather advisory |
|---|------------------|---|
| Agro advisory from Krishi Vigyan Kendra, Salem: | | |
| Crops | General | Since rainfall is expected in the forthcoming days utilize the available soil moisture for land preparation and sowing of seeds. |
| | | Irrigate the crop as per requirement and use mulching to reduce evaporation, enhance water holding capacity and soil health |
| Bhendi/orkra/ brinjal: | Vegetative stage | Higher humidity and rainfall may favour incidence of red spider mite, to manage spray wettable sulphur 80 wg at 40g per acre or propargite 57 ec at 400 ml per acre |
| Coconut | General | 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 |
| Tapioca | Vegetative stage | Identify the mealy bug species in Tapioca and release the parasitoids accordingly. |
| Cow | Adult | Prevailing climate is conducive for mastitis infection in milch animals. Hence, clean the udder with 1% KMnO4 before and after milking |
| Livestock | Sheep and Goat | 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. |
| Soil testing: | | Farmers should do soil testing before sowing or cultivation of any crop. Soil testing report shows availability of nutrients in soil and due to this, it is easy to manage fertilizer dose of any crop, to save fertilizer and to maintain soil fertility also. • Soil testing is being done at KrishiVigyanKendra,Sandhiyur (Salem). |

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

| Livestock, Poultry & Crop | Stage | Weather advisory |
|---|------------------|---|
| Sheep and Goat | General | Breeding season for sheep and goats The breeding season for sheep and goats starts from July to October when the seasonal rainfall starts. Breeding of ewes and does depends on feed and season. During this season, the feeding of ewes (flushing) with 200 gram of concentrate will increase the number of ewes to attain heat and breed so that there will be more number of multiple birth in does and uniform size lambs / kids crop. |
| Livestock and Poultry | General | Control of flies in poultry and livestock farms In Tamil Nadu, during monsoon season rainy days interspersed with a day of sunshine. This favours fly population to increase at a faster pace, and hence fly menace will be high in the forthcoming months. Necessary fly control measures with special attention for farm sanitation should be followed. |
| Agro advisory from Krishi Vigyan Kendra, Namakkal : | | |
| Mulberry | Vegetative stage | Apply 2 kg zinc sulphate enriched with 20 kg well decomposed farmyard manure after harvesting of mulberry leaves as basal dose. 10 – 15 days after harvesting apply azospirillum @ 8 kg / acre in 5 equal splits and 4 kg of phosphobacteria in 2 equal splits after 1st and 3rd harvesting of mulberry leaves. |
| Crops | General | To conserve the soil moisture in field as well as to reduce the number of irrigation, farmers are requested to cover the surface soil by applying farmyard manure, plant residues, coconut / palm / areca nut leaves, coconut husk, composted coir pith, grow multi grains around the tree and in-between the rows of plants. |
| 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. |
| 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. |
| Coconut | General | To reduce button shedding and to improve the yield of coconut, farmers are requested to mix 1 kg coconut micronutrient mixture in 10 kg well decomposed farmyard manure for a tree with optimum moisture content and keep it for one month under shade for enrichment then apply 3 feet away from the base of the tree in a circular basin and then irrigate well. |
| Banana | Growing stage | Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3 , 5 and 7 month after planting to increase the yield of banana. |

Dharmapuri

General Advisory

Light to Moderate rainfall is predicted for next five days. Farmers are requested to postpone the irrigation if sufficient moisture. Farmers are requested to practice ploughing for the ensuing monsoon. Drainage channel may be strengthened to avoid the stagnation of water in the field. Wind speed is predicted to be high farmers are advised to go for plant protection such as Pinching and Earthing up may be followed and Protect your livestock and poultry.

Weather Advisory Bulletin for livestock, poultry and agriculture

| 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. |
| Groundnut | Flowering stage | Groundnut Flowering stage, This is right time for spraying of TNAU ground nut rich 2 Kg/acre in 200 liters of water for the groundnut crops which is in flowering stage and apply gypsum 400 kg/ha at 45th day after sowing. |
| 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. |
| Tapioca | 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 |
| Tapioca | | Tapioca mealy bug Management practices, Infected shoots should be removed. Collect infected dry plants and discard or burn away from the field. In early stage of infection, any one of the following insecticide can be spray: Azadirachtin 0.15 % @ 50 ml/ liter of water, Fish oil resin soap @ 2.0 ml/ liter of water. Any one of the following insecticide can be sprayed on rotation basis as and required Thiamethoxam 25 WG @ 0.5 gram /liter of water, Flonicamid 50 WG @ 0.3 gram/ liter of water, Spirotetramat 150 OD @ 1.25 ml / liter of water. |
| Jasmine | Flowering stage | Bud worm incidence in jasmine Infested flowers turn pale red in colour and they fall off from the plant. One larva attacks 2-3 buds in its life span, to control measures spray Thiochlorid 240SC @1 m.l /litre is advised. |

SMS: Rain: light to Moderate: Tapioca mealy bug required Thiamethoxam 25 WG @ 0.5 gram /liter of water, Flonicamid 50 WG @ 0.3 gram/ liter of water, Spirotetramat 150 OD @ 1.25 ml / liter of water.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

| Livestock, Poultry & Crop | Stage | Weather advisory |
|---|------------------|---|
| Sheep and Goat | General | Breeding season for sheep and goats The breeding season for sheep and goats starts from July to October when the seasonal rainfall starts. Breeding of ewes and does depends on feed and season. During this season, the feeding of ewes (flushing) with 200 gram of concentrate will increase the number of ewes to attain heat and breed so that there will be more number of multiple birth in does and uniform size lambs / kids crop. |
| Livestock and Poultry | General | Control of flies in poultry and livestock farms In Tamil Nadu, during monsoon season rainy days interspersed with a day of sunshine. This favours fly population to increase at a faster pace, and hence fly menace will be high in the forthcoming months. Necessary fly control measures with special attention for farm sanitation should be followed. |
| Agro advisory from Krishi Vigyan Kendra, Namakkal : | | |
| Mulberry | Vegetative stage | Apply 2 kg zinc sulphate enriched with 20 kg well decomposed farmyard manure after harvesting of mulberry leaves as basal dose. 10 – 15 days after harvesting apply azospirillum @ 8 kg / acre in 5 equal splits and 4 kg of phosphobacteria in 2 equal splits after 1st and 3rd harvesting of mulberry leaves. |
| Crops | General | To conserve the soil moisture in field as well as to reduce the number of irrigation, farmers are requested to cover the surface soil by applying farmyard manure, plant residues, coconut / palm / areca nut leaves, coconut husk, composted coir pith, grow multi grains around the tree and in-between the rows of plants. |
| 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. |
| 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. |
| Coconut | General | To reduce button shedding and to improve the yield of coconut, farmers are requested to mix 1 kg coconut micronutrient mixture in 10 kg well decomposed farmyard manure for a tree with optimum moisture content and keep it for one month under shade for enrichment then apply 3 feet away from the base of the tree in a circular basin and then irrigate well. |
| Banana | Growing stage | Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3 , 5 and 7 month after planting to increase the yield of banana. |

Karaikal

| Crop | Stage/ Particulars | Agro Advisory |
|------|-----------------------------------|---|
| Rice | Vegetative and reproductive stage | 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 18th and 19th August. Hence, farmers may postpone irrigation.

Puducherry

General Advisory:

Light to moderate rain is likely to occur during 18th and 19th August 2022

SMS Advisory:

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

| Crop(Varieties) | Crop Specific Advisory |
|-------------------------|--|
| RICE | Tillering stage - 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 cartaphydrochloride50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l. |
| 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 Normal rainfall, Normal minimum temperature and maximum temperature expected for the period of 21.08.2022 to 27.08.2022 over Tamil Nadu. (19.08.22) Heavy rain is likely to occur at isolated places over Krishnagiri, Kallakurichi, Cuddalore, districts of Tamilnadu.

| Live Stock(Varieties) | Live Stock Specific Advisory |
|-----------------------|------------------------------|
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|--------------------|--|
| 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 rabbitory 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 normal rainfall and temperature for the period of 21.08.2022 to 27.08.2022. Light to moderate rainfall may be expected on forthcoming days. So, farmers are advised to avoid fertilizer application, insecticides or pesticides spray during rainy days. (19.08.22) Heavy rain is likely to occur at isolated places over Krishnagiri, Kallakurichi, Cuddalore, districts of Tamilnadu.

| | |
|-------------------------|---|
| Crop(Varieties) | Crop Specific Advisory |
| RICE | Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpond irrigation. |
| GROUNDNUT | Provide drainage for groundnut crop. To avoid fertilizer application, insecticides or pesticides spray. |
| Horticulture(Varieties) | Horticulture Specific Advisory |
| BRINJAL | Since rain is anticipated, provide drainage for brinjal field. To avoid irrigation. |
| Live Stock(Varieties) | Live Stock Specific Advisory |
| 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, Thiyaadurgam, Ulundurpet, Vallam, Vanur, Vikravandi Blocks

From extended range forecast normal rainfall, maximum temperature and minimum temperature expected for the period of 21.08.2022 to 27.08.2022 over Tamil Nadu. (19.08.22) Heavy rain is likely to occur at isolated places over Krishnagiri, Kallakurichi, Cuddalore, districts of Tamilnadu.

| 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). |
| MAIZE | 1. Maize growing farmers the fall army worm infection apply neem cake @ 250 kg/ha (farmer contribution) 2. Seed treatment with cyantraniliprole 19.8% + thiamethoxam 19.8 FS @ 4.0 ml/kg seed 3. Border cropping with gingelly or cowpea or sorghum 4. Installation of pheromone traps @ 12 nos./ha 5. Spraying of chlorantraniliprole 18.5 SC @ 0.4 ml/l (or) flubendiamide 20 WG (0.5 g/l) at 15-20 days of emergence (DAE) 6. Application of ememectin benzoate 5 SG (0.4 g/l) or spinetoram 11.7 SC (0.5 ml/l) at 35-40 DAE at late whorl stage and 60 DAE |
| 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. |

PUDUCHERRY DISTRICT

ARIANKUPPAM, OZHUKARAI, VILLIANUR, BAHOUR, MANNADIPET Blocks

General Advisory:

Light to moderate rain is likely to occur during 18th and 19th August 2022

SMS Advisory:

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

| Crop(Varieties) | Crop Specific Advisory |
|-------------------------|--|
| RICE | Tillering stage - To manage rice stem borer, release parasitoid <i>Trichogramma japonicum</i> @1,00,000/ha at active tillering stage (37, 44 and 51 DAP) or Azadirachtin 0.03% @ 4 ml/l or cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l. |
| 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. |

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