



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 039/2022

For the period 0830 IST, 17th May 2022 to
0830 IST, 22nd May 2022

Issued on Tuesday, 17th May 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 13.05.22 to 16.05.22 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **26°C – 40°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **17°C – 21°C** during the period.

Minimum temperature of range **20°C - 28°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **10°C - 13°C** during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	16.05.22	Puducherry
Fairly widespread (Many places)	16.05.22	Tamil Nadu
Scattered (Few Places)	13.05.22 & 15.05.22 13.05.22	Tamil Nadu Puducherry
Isolated (One or Two Places)	14.05.22	Tamil Nadu
Dry	14.05.22 & 15.05.22	Puducherry

Chief Amounts of Rainfall (in cms):-

13.05.22 : Vellankanni (dist Nagapattinam) 13, Thalavadi (dist Erode), Yercaud (dist Salem) 8 each, Vepur (dist Cuddalore), Puducherry (dist Puducherry), Danishpet (dist Salem), Kattumayilur (dist Cuddalore), Chinnakalar (dist Coimbatore) 7 each, Mettur (dist Salem) 5, Periyar (dist Theni), Pappireddipatti (dist Dharmapuri), Naduvattam (dist Nilgiris), Cincona (dist Nilgiris), Valparai PAO (dist Coimbatore) 4 each, Valparai PTO (dist Coimbatore), Sholayar (dist Coimbatore), Edapadi (dist Salem), Panruti (dist Cuddalore), KVK Kattukuppam (dist Kancheepuram), Mugaiyur (dist Villupuram), Hogenekal (dist Dharmapuri), Gudalur Bazar (dist Nilgiris), Sankaridurg (dist Salem), Omalur (dist Salem), Pennagaram (dist Dharmapuri), Glenmorgan (dist Nilgiris), Lakkur (dist Cuddalore), Kalayanallur (dist Kallakurichi) 3 each, Kudithangi (dist Cuddalore), Salem (dist Salem), Attur (dist Salem), Puduchatram (dist Namakkal), Mahabalipuram (dist Chengalpattu), Keelpennathur (dist Tiruvannamalai), Ulundurpet (dist Kallakurichi), Virudachalam (dist Cuddalore), Chengam (dist Tiruvannamalai), Rasipuram (dist Namakkal), Bhavani (dist Erode), Kumarapalayam (dist Namakkal), Harur (dist Dharmapuri), Gobichettipalayam (dist Erode), Thammampatty (dist Salem), Tindivanam (dist Villupuram), Tiruvannamalai (dist Tiruvannamalai), Veeraganoor (dist Salem) 2 each, Perundururai (dist Erode), Dharmapuri PTO (dist Dharmapuri), Vembakkam (dist Tiruvannamalai), Cheyyur (dist Chengalpattu), Cheyyar (dist Tiruvannamalai), Sathyamangalam (dist Erode), Kurinjipadi (dist Cuddalore), Vanur (dist Villupuram), Tiruchengode (dist Namakkal), Kelambakkam (dist Chengalpattu), Avinasi (dist Tiruppur),

Thirukalukundram (dist Chengalpattu), Cuddalore (dist Cuddalore), Vilupuram (dist Villupuram), Tirukoilur (dist Kallakurichi), Gingee (dist Villupuram), Tirupoondi (dist Nagapattinam), Eraiyur (dist Perambalur), Thali (dist Krishnagiri), Tozhudur (dist Cuddalore), Kallakurichi (dist Kallakurichi), Erode (dist Erode), Thamaraiykkam (dist Tiruvallur), Tiruvallur (dist Tiruvallur), Colachel (dist Kanyakumari), Penucondapuram (dist Krishnagiri), Veppanthattai (dist Perambalur), Agaram Seegoor (dist Perambalur), Thirukuvalai (dist Nagapattinam), Kancheepuram (dist Kancheepuram), Sriperumbudur (dist Kancheepuram) 1 each.

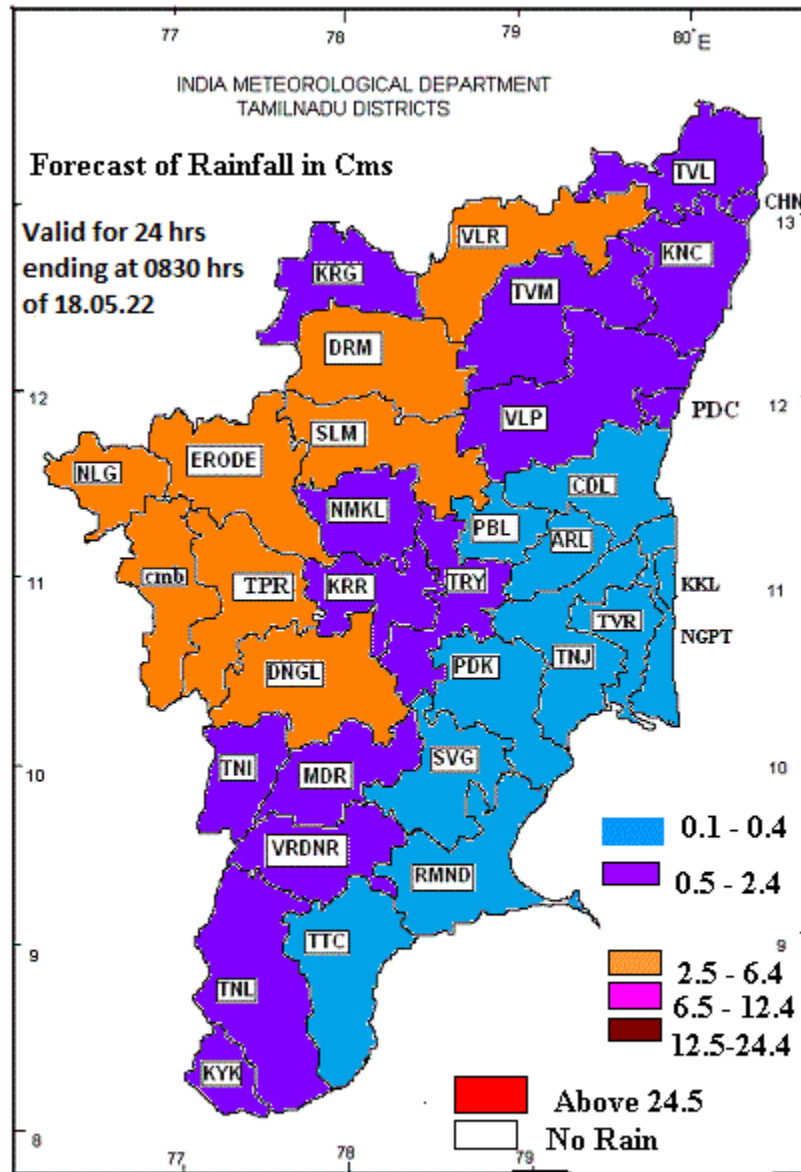
14.05.22 : Jamunamarathur (dist Tiruvannamalai) 2, Chengalpattu (dist Chengalpattu), Sirkali (dist Mayiladuthurai), Mahabalipuram (dist Chengalpattu), Suralacode (dist Kanyakumari) 1 each.

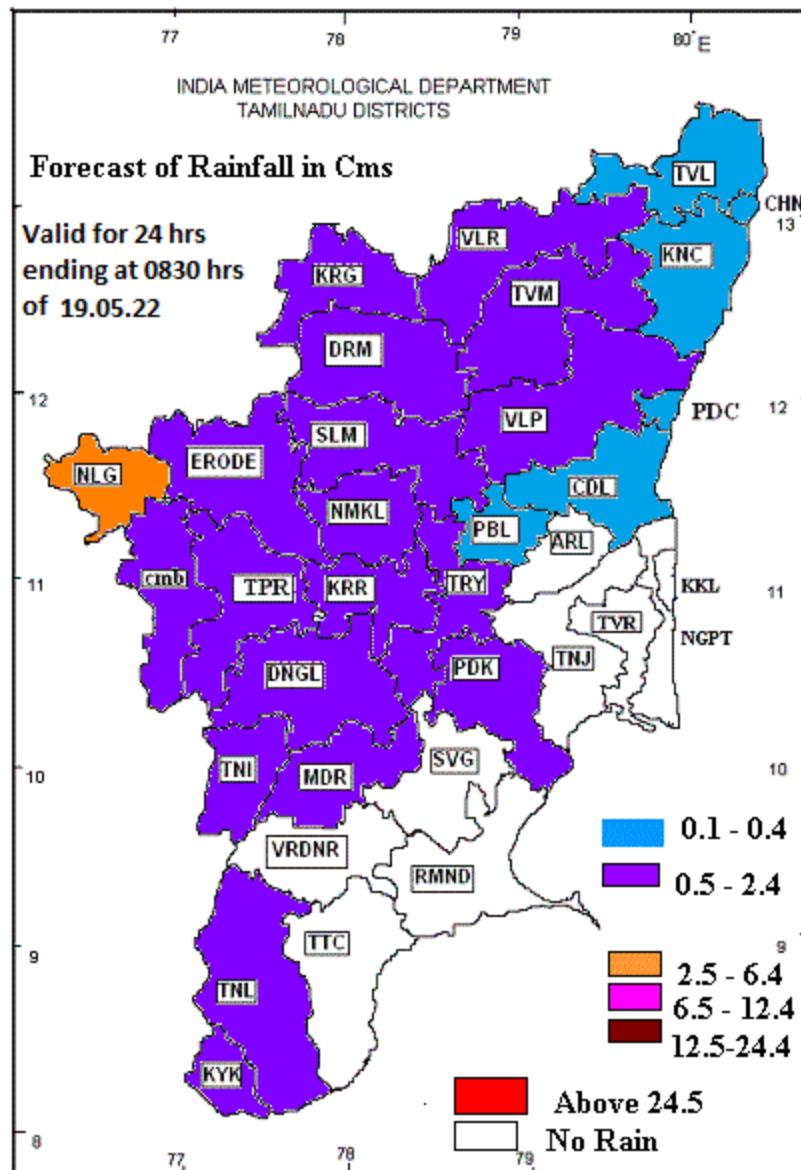
15.05.22 : Kalasapakkam (dist Tiruvannamalai) 10, Thanjavur PTO (dist Thanjavur) 8, Arani (dist Tiruvannamalai), Barur (dist Krishnagiri), Thirumanur (dist Ariyalur), Thanjavur (dist Thanjavur) 7 each, Sivalogam (dist Kanyakumari), Pechiparai (dist Kanyakumari), Hogenekal (dist Dharmapuri), Marandahalli (dist Dharmapuri), Idayapatti (dist Madurai), Pullambadi (dist Trichy), Natrampalli (dist Tirupattur) 6 each, Kalial (dist Kanyakumari), Penucondapuram (dist Krishnagiri), Denkanikottai (dist Krishnagiri), Uthiramerur (dist Kancheepuram), Wallajah (dist Ranipet), Vallam (dist Thanjavur), Arcot (dist Ranipet), Ariyalur (dist Ariyalur), Emeraldad (dist Nilgiris), Tirukattupalli (dist Thanjavur) 5 each, Uthagamandalam (dist Nilgiris), Budalur (dist Thanjavur), Paiyur AWS (dist Krishnagiri), Kundha Bridge (dist Nilgiris), Shoolagiri (dist Krishnagiri), Suralacode (dist Kanyakumari), Krishnagiri (dist Krishnagiri), Coonoor PTO (dist Nilgiris), Cincona (dist Coimbatore), Polur (dist Tiruvannamalai), Kuzhithurai (dist Kanyakumari), Hosur (dist Krishnagiri) 4 each, Kancheepuram (dist Kancheepuram), Coonoor (dist Nilgiris), Ayyampettai (dist Thanjavur), Ketti (dist Nilgiris), Periyar (dist Theni), Tiruvaiyaru (dist Thanjavur), Tirupattur (dist Tirupattur), Nedungal (dist Krishnagiri), Valparai PTO (dist Coimbatore), Karaikudi (dist Sivaganga), Thuckalay (dist Kanyakumari), Salem (dist Salem), Rayakottah (dist Krishnagiri), Avalanche (dist Nilgiris), Perunchani Dam (dist Kanyakumari), Vepur (dist Cuddalore), Pennagaram (dist Dharmapuri) 3 each, Yercaud (dist Salem), Chinnakalar (dist Coimbatore), Thamaraiykkam (dist Tiruvallur), Valparai Taluk Office (dist Coimbatore), Valangaiman (dist Tiruvarur), Dharmapuri (dist Dharmapuri), Sholayar (dist Coimbatore), Madurai Airport (dist Madurai), Palacode (dist Dharmapuri), Kothagiri (dist Nilgiris), Tozhudur (dist Cuddalore), Puduchatram (dist Namakkal), Perambalur (dist Perambalur), Thekkadi (dist Theni), Gudalur (dist Theni), Ponnai Dam (dist Vellore), Tiruvarur (dist Tiruvarur), Thanjai Papanasam (dist Thanjavur), Papanasam (dist Tirunelveli), Kodaikanal (dist Dindigul), Sendamangalam (dist Namakkal), Bhoothapandy (dist Kanyakumari), Melur (dist Madurai) 2 each, KVK Kattukuppam ARG (dist Kancheepuram), Naduvattam (dist Nilgiris), Upper Bhavani (dist Nilgiris), Glenmorgan (dist Nilgiris), Colachel (dist Kanyakumari), Tindivanam (dist Villupuram), Marakkanam (dist Villupuram), Avinasi (dist Tiruppur), Uthangarai (dist Krishnagiri), Sholingur (dist Ranipet), Vaniyambadi (dist Tirupattur), Bodinaickanur (dist Theni), Nagercoil (dist Kanyakumari), Devala (dist Nilgiris), Ayikudi (dist Tenkasi), Pappireddipatti (dist Dharmapuri), Eraniel (dist Kanyakumari), Thenkasi (dist Tenkasi), Needamangalam (dist Tiruvarur), Manapparai (dist Trichy), Dharmapuri PTO (dist Dharmapuri), Gummidipoondi (dist Tiruvallur), Gudalur Bazar (dist Nilgiris), Walajabad (dist Kancheepuram), Chengam (dist Tiruvannamalai), Thandampettai (dist Tiruvannamalai), Jayamkondam (dist Ariyalur), Anjatti (dist Krishnagiri), Kamatchipuram (dist Dindigul), Rasipuram (dist Namakkal), Kollidam (dist Mayiladuthurai), Mettur (dist Salem) 1 each.

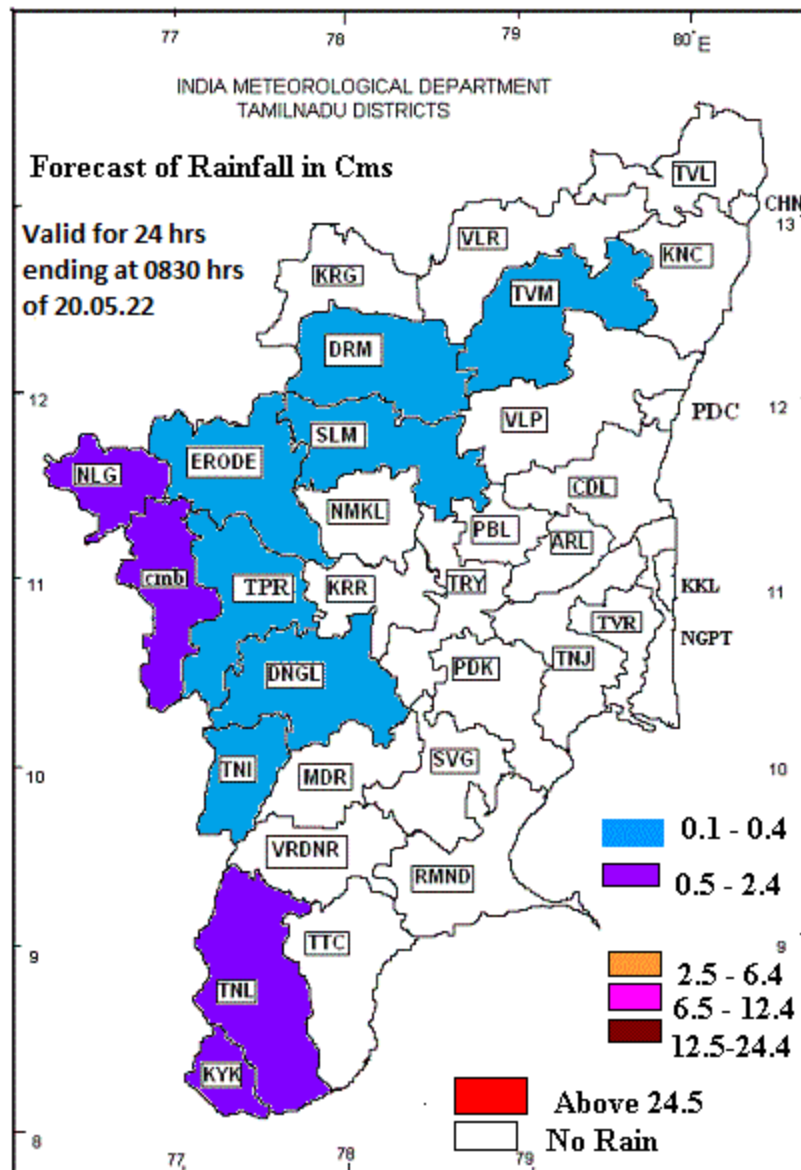
16.05.22 : Natrampalli (dist Tirupattur), Vanur (dist Villupuram), Kodumudi (dist Erode), Tiruvallur (dist Tiruvallur) 8 Each, Tirupuvanam (dist Sivaganga), Erode (dist Erode), Polur (dist Tiruvannamalai) 7

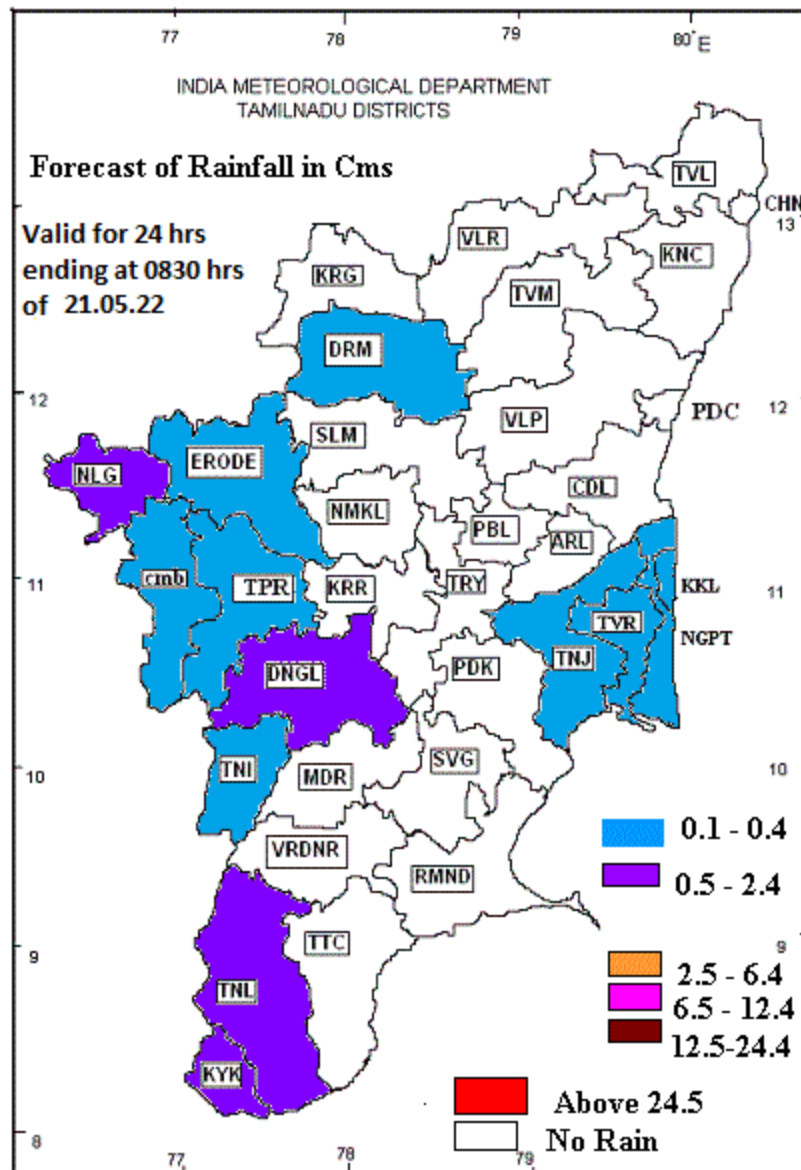
Each, Kalavai AWS (dist Ranipet), Panruti (dist Cuddalore), Virudachalam (dist Cuddalore), Tirupathur PTO (dist Tirupattur), Tirur KVK AWS 6 Each, Cheyyar (dist Tiruvannamalai), Ulundurpet (dist Kallakurichi), Marandahalli (dist Dharmapuri), Tirukoilur (dist Kallakurichi), Pennagaram (dist Dharmapuri), Veeraganoor (dist Salem), Vembakkam (dist Tiruvannamalai) 5 Each, Veppanthattai (dist Perambalur), Thiruvallangadu (dist Tiruvallur), Puducherry (dist Puducherry), Tirupathur (dist Sivaganga), Omalur (dist Salem), Gangavalli (dist Salam), Nannilam (dist Tiruvarur), Melalathur (dist Vellore), Sankarapuram (dist Kallakurichi), Tindivanam (dist Villupuram), Hogenekal (dist Dharmapuri), Tiruvannamalai (dist Tiruvannamalai), Rayakottah (dist Krishnagiri), R.k.pet (dist Tiruvallur), Palacode ARG (dist Dharmapuri), Virudhachalam_KVK AWS (dist Cuddalore). Papparapatty_KVK AWS 4 Each, Harur ARG (dist Dharmapuri), Kurinjipadi (dist Cuddalore), Danishpet (dist Salem), Keelpennathur (dist Tiruvannamalai), Dharmapuri PTO (dist Dharmapuri), Salem (dist Salem), Uthiramerur (dist Kancheepuram), Ponnai Dam (dist Vellore), Cuddalore (dist Cuddalore), Kothagiri (dist Nilgiris), Kumarapalayam (dist Namakkal), Neyveli Aws (dist Cuddalore), Kancheepuram (dist Kancheepuram), Perundurair ARG (dist Erode), Kaveripakkam (dist Ranipet), Yelagiri ARG (dist Tirupattur), Edapadi (dist Salem), Kunda Bridge (dist Nilgiris), Mettur (dist Salem), Kadayampati (dist Salem), Kariyakovil (dist Salem), Gudiyatham (dist Vellore), Uthukottai (dist Tiruvallur), Vandavasi (dist Tiruvannamalai) 3 Each, Kallakurichi (dist Kallakurichi), Marakkanam (dist Villupuram), Perunchani Dam (dist Kanyakumari), Virudunagar Aws (dist Virudhunagar), Nagapattinam (dist Nagapattinam), Sendamangalam (dist Namakkal), Arakonam (dist Ranipet), Bhuvanagiri (dist Cuddalore), Alangudi (dist Pudukkottai), Kovilankulam (dist Virudhunagar), Srimushnam (dist Cuddalore), Aruppukottai AWS (dist Virudhunagar), Pappireddipatti (dist Dharmapuri), Tirumayam (dist Pudukkottai), Tirupattur (dist Tirupattur), Sriperumbudur (dist Kancheepuram), Tiruttani PTO (dist Tiruvallur), Vaniyambadi ARG (dist Tirupattur), Sholingur (dist Ranipet), Uthangarai (dist Krishnagiri), Poondi (dist Tiruvallur), Coonoor (dist Nilgiris), Thandampettai (dist Tiruvannamalai), Barur (dist Krishnagiri), Uthagamandalam (dist Nilgiris), Eraiyur (dist Perambalur), Attur (dist Salem), Ketti (dist Nilgiris), Vellore (dist Vellore), Tiruthani AWS (dist Tiruvallur, Tiruvannamalai AWS (dist Tiruvannamalai) 2 Each. Chengam (dist Tiruvannamalai), Arimalam (dist Pudukkottai), Chidambaram (dist Cuddalore), Pechiparai (dist Kanyakumari), Katpadi (dist Vellore), Ammundi (dist Vellore), Upper Bhavani (dist Nilgiris), Hosur (dist Krishnagiri), Gingee (dist Villupuram), Tozhudur (dist Cuddalore), Chittar (dist Kanyakumari), Denkanikottai ARG (dist Krishnagiri), Shoolagiri (dist Krishnagiri), Dharamapuri (dist Dharmapuri), Chinnakalar (dist Coimbatore), Ambur (dist Tirupattur), Vadapudupattu (dist Tirupattur), Pencondapuram (dist Krishnagiri), Gobichettipalayam (dist Erode), Suralacode (dist Kanyakumari), Emeralad (dist Nilgiris), Avalanche (dist Nilgiris), Arani (dist Tiruvannamalai), Pelandurai (dist Cuddalore), Bhavani (dist Erode), Parangipettai (dist Cuddalore), Chittampatti (dist Madurai), Sethiathope (dist Cuddalore), Coonoor PTO (dist Nilgiris), Virinjipuram AWS (dist Vellore), Tiruttani (dist Tiruvallur), Sholayar (dist Coimbatore), Valparai PTO (dist Coimbatore), Vilupuram (dist Villupuram), Thanjai Papanasam (dist Thanjavur), Papanasam (dist Tirunelveli), Pallipattu (dist Tiruvallur), Pulipatti (dist Madurai), Krishnagiri (dist Krishnagiri), Mayiladuthurai (dist Mayiladuthurai), Thuckalay (dist Kanyakumari), Valparai Taluk Office (dist Coimbatore), Labbaikudikadu (dist Perambalur), Glenmorgan (dist Nilgiris), Alangayam (dist Tirupattur), Vamban KVK AWS (dist Pudukkottai) 1 Each.

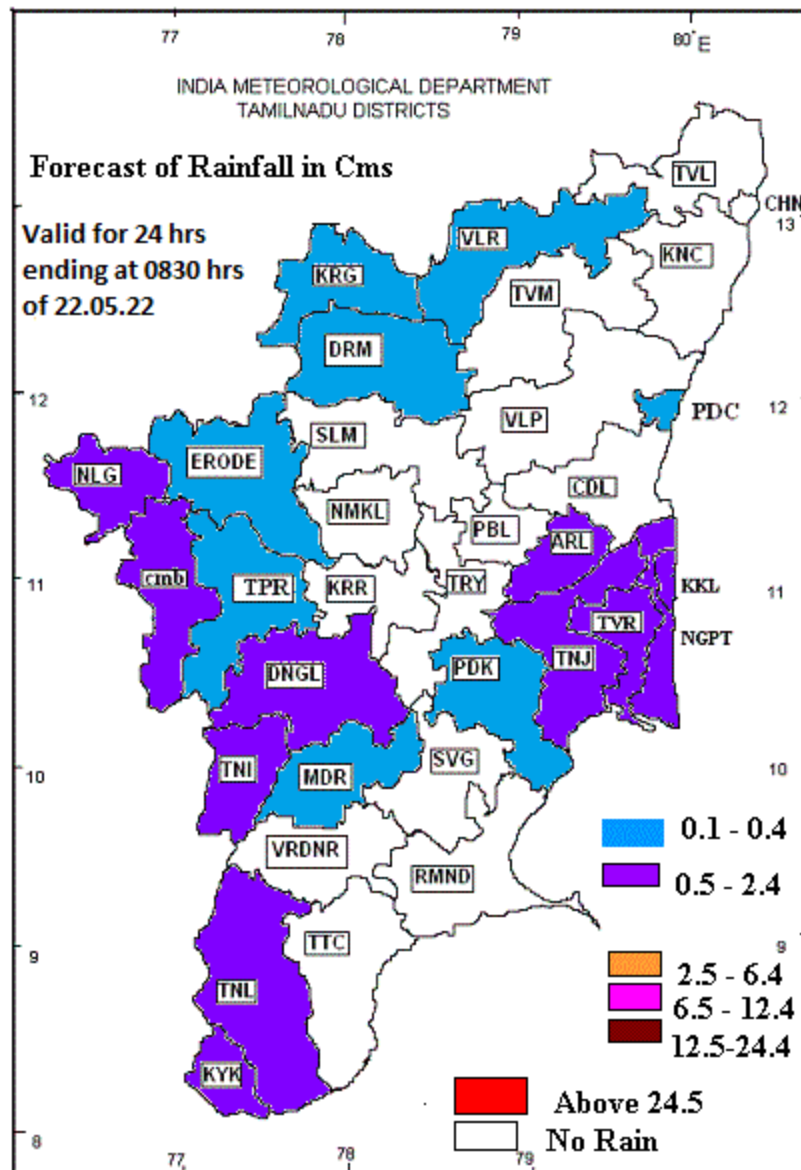
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 17.05.22
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

Chennai

SMS Advisory:

(18.05.2022-22.05.2022) Thunderstorm with light to moderate rain is likely to occur at a few places over Tamilnadu.

Livestock Advisory

Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures.

Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken.

Ewes which have missed the main breeding season must be flushed by feeding Hedge lucerne or any other leguminous fodder supplemented with vitamin tonics and mineral mixture before mating.

The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.

To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once.

Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the body on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

Kancheepuram

From the extended range forecast of IMD, above normal rainfall and moderately below normal maximum temperature & normal minimum temperature expected for the period of 22.05.2022 to 28.05.2022 over Tamil Nadu and Pondicherry region. By viewing the rainfall forecast farmers may postpone their fertilizer application, Pesticide spray activities. Farmers are advised to summer plough the field after the harvest of existing crops.

Crop(Varieties)	Crop Specific Advisory
RICE	Farmers are advised to create proper drainage facility to drain the excess stagnating water in the fields.
SUGARCANE	Farmers are advised to detrash the sugar cane and advised to go for double line propping with trash twist.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Farmers are advised to provide mineral mixture @ 30-50 gram/ animal daily. Farmers are advised to provide concentrate feed in divided dose according to production level of animals and the feed must be free from mould and fungal infection.
GOAT	Farmers are advised to deworm and detick the animals in nearby veterinary dispensary. Farmers are advised to mineral salt lick can provide to sheep and goat shed to improve growth rate in animals.

Fisheries(Varieties)	Fisheries Specific Advisory
INLAND	Farmers may follow the fish pond feeding at 7.00 AM in morning and 5.00 PM in evening. The forecasted rain may alter the pH level of fish and prawn ponds. For management farmers are advised to go for application of 100-200 kg of lime. Fish farmers are advised to provide mineral mixture 0.1-0.2% daily along with farm made fish feed.
ORNAMENTAL FISH	Ornamental fish growers are advised to maintain the tank water hardness and accordingly EDTA may be used to reduce the hardness of the water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Farmers are advised to provide antibiotics in drinking water to avoid water infection in poultry birds. Boiled, cooled drinking water may be provided to poultry growers and adlibitum may be provided in dividend dose to avoid dehydration and reduce stress in birds.

Villupuram

SMS Advisory:

(20.05.2022) Thunderstorm with light to moderate rain is likely to occur at a few places over Cuddalore districts of Tamil Nadu.

Livestock Advisory:

Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures.

Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken. Ewes which have missed the main breeding season must be flushed by feeding Hedge lucerne or any other leguminous fodder supplemented with vitamin tonics and mineral mixture before mating.

The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.

To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once.

Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the body on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth

Agricultural advisory Rice:

Alage in paddy field reduces the growth of crops. To control apply, 2 kg of coppersulphate mix with sand. 2. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.

Sugarcane:

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).

Brinjal:

Prevailing weather is favorable for shoot and fruit borer incidence in brinjal. To control remove the affected terminal shoot showing boreholes. Install pheromone trap @ 5 nos./ac or spray azadirachtin 1.0% EC 3.0 ml/lit or emamectin benzoate 5% SG 4.0g/10 liter.

coconut:

Installation of yellow sticky traps (25 Nos./ ha) on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae at emerging zones of whitefly outbreak. 3. In severe case, spray neem oil 20 ml/l of water or spray Azadirachtin 2.0 ml/l of water with 1.0 ml of sticking agent.

Tiruvannamalai

SMS Advisory:

(18.05.2022-19.05.2022) Heavy rain is likely to occur at one or two places over Kallakurichi, Tiruvannamalai, Tirupattur, Vellore, Krishnagiri districts of Tamilnadu.

Livestock Advisory:

Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures.

Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken.

Ewes which have missed the main breeding season must be flushed by feeding Hedge lucerne or any other leguminous fodder supplemented with vitamin tonics and mineral mixture before mating.

The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.

To prevent E.coli infection in nursery piggery shed the floor must be washed with lukewarm saline / good irritant free disinfectant at least weekly once.

Native poultry reared under integrated method in case infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the body on a bright sunny day. Care must be exercised to avoid eyes, ear lobe and mouth.

Agricultural advisory Rice

Rice ear head bug in rice symptom of sucking the sap from individual grains, which are in milky stage. Individual grains become chaffy. To control ear head bug in rice, spray thiamethoxam 1gm/ litre of water and Notchi leaf extract 10 %.

Chilli

Prevailing weather condition is favorable for thrips incidence in chilli. The symptom of damage is infected leaves develop crinkles and curl upwards. Hence farmers are requested to monitor the field and spray fipronil 1.5ml/litre.

Jasmine

Prevailing weather condition is favourable incidence in jasmine for controlling this, apply spinosad @ 0.5 ml/litre.

Coconut

To control Rugose Spiraling Whitefly in coconut, spray neem oil @ 10ml or azadirachtin 1% @ 5ml/litre or Installation of yellow sticky traps (5ft. X 1.5 ft.) smeared with castor oil @ 5ml ac. 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

Papaya

To control aphids in papaya, spray Imidachloprid @ 0.5 ml / litre

Tiruvallur

From extended range forecast Above normal rainfall and Moderately below normal maximum temperature & minimum temperature expected for the period of 22.05.2022 to 28.05.2022 over Tamil Nadu. 1. Farmers are advised to harvest the mature crop, 2. Based on soil moisture provide irrigation to the crop; 3.Avoid spraying operation.

Crop(Varieties)	Crop Specific Advisory
RICE	Rice- Navarai Season- Reproductive to Ripening Phase (Milky stage to Grain maturing stage) - 1.False smut- Spray for Propiconazole 25 EC @ 200 ml/ha (or) Copper hydroxide 77 WP @ 500g /acre at boot leaf and 50% flowering stages; 2.Ear head bug- Spray Neem seed kernel extract 5% (or) spray Malathion 50EC 200 ml/acre; 3.Rice grain discoloration- Spray tebuconazole 50% + trifloxystrobin 25% WG @ 200 gm/ha at 50% flowering stage.(After Rainfall)
RICE	Sornavari season-Nursery Stage- Thrips- Spray Thiamethoxam 25% WG 4g/20 cent in 10 litre of water. (After Rainfall)
SUGARCANE	Sugarcane-Early shoot borer- Spray Thiamethoxam 75% w/w SG @ 64 g (or) Spray Chlorantraniliprole 18.5 % SC @ 150 ml per acre in 200 litre of water. (After Rainfall)
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Brinjal- 1.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; 2.Little Leaf - Remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector. (After Rainfall)
GUAVA	Guava- 1.Mealy bug- Spray Triozophos 2 ml+ neem oil 5 ml/1litre of water; Release Cryptolaemus montrouzieri beetles @ 10/tree; 2.Tea Mosquito Bug- Spray Imidacloprid 0.6 ml/l (or) Thiamethoxam 0.6 g /l. (After Rainfall)
MANGO	Mango Tree- Fruit fly- Prepare bait with methyl eugenol 1% solution mixed with malathion @ 2.0 ml/l. Take 10 ml of this mixture per trap.

Vellore

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be receive above normal rainfall and below normal temperature for the period of 22.05.2022 to 28.05.2022. Light to moderate rainfall may be expected on forthcoming days. So, farmers are advised to temporarily avoid fertilizer application, insecticides or pesticides spray and weeding. Light to moderate rainfall may be expected on forthcoming days. So, farmers are advised to provide adequate drainage for crops.

Crop(Varieties)	Crop Specific Advisory
RICE	To provide adequate drainage for crops. Harvest the matured paddy crops and store in safeplaces.
GROUNDNUT	Harvest the matured groundnut crops and store in safe places.
Horticulture(Varieties)	Horticulture Specific Advisory

CHILLI	To provide adequate drainage for crops.
COCONUT	To provide adequate drainage for crops. Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 m radius around the palms as mulch for soil moisture conservation particularly during summer season. To provide adequate drainage for crops.
BANANA	High wind speed (>10 kmph) is expected on forthcoming days, so prop up 5 month old banana trees. To provide adequate drainage for crops.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Do not permit the animals to graze on the newly emerging grasses against bacterial diseases. High wind speed of >15 km/hour. Check the stability of the shed.
GOAT	Provide deworming medicine and antidiarrhea medicine in consultation with veterinariyan.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Give LASOTA Vaccine as Eye drops for chicks below 1month of age and give vaccine RDVK for adult birds.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
AGRI FIELD	Mulching may be followed in rainfed areas to conserve soil moisture, reduce irrigation frequency, reduce weed growth, and mitigate soil evaporation. Very thin film mulching may be used for short duration vegetables. Crop residues act as mulch and reduce the soil evaporation. Coir waste can hold water five times as of its own weight.

Cuddalore

From extended range forecast above normal rainfall, below normal maximum temperature and normal minimum temperature expected for the period of 22.05.2022 to 28.05.2022 over Tamil Nadu. Farmers are advised to irrigate crop based on the soil moisture.

Crop(Varieties)	Crop Specific Advisory
RICE	1. 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. Alage in paddy field reduces the growth of crops. To control apply, 2.0 kg of copper sulphate mix with sand. 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.

GROUNDNUT	To reduce the root rot infection in groundnut treat the seeds with carbendazim or thiram @ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed and Pseudomonas fluorescens @ 10 g/kg seed.
SUGARCANE	1. Mealy bug and pokkah boeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkah boeng 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).
OKRA/ LADYFINGER	Prevailing weather is favorable for shoot and fruit borer incidence in bhendi. To control remove the affected terminal shoot showing boreholes. Install pheromone trap @ 5 nos./ac or spray azadirachtin 1.0% EC 3.0 ml/lit or emamectin benzoate 5 % SG 4.0g/10 liter.
Horticulture(Va rieties)	Horticulture Specific Advisory
BRINJAL	Prevailing weather is favorable for shoot and fruit borer incidence in brinjal. To control remove the affected terminal shoot showing boreholes. Install pheromone trap @ 5 nos./ac or spray azadirachtin 1.0% EC 3.0 ml/lit or emamectin benzoate 5 % SG 4.0g/10 liter.
COCONUT	1. 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 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		Moderate to heavy rainfall with thunder and lightning is expected in western zone districts. Irrigation may be postponed to all standing crops . To harvest the summer rains, summer ploughing may be done against the slope with inverting type of plough.
Rice	Sowing	Considering the anticipated rainfall nursery land preparation may be done followed by sowing of short duration rice with proper drainage.
Sorghum	Vegetative	With the receipt of light rainfall in the past week, hand weeding may be done in irrigated sorghum and apply 50 kg of urea per hectare as second top dressing.
Groundnut	Sowing	This is the right time for sowing of Chithirai pattam rainfed groundnut at Pollachi taluk of Coimbatore district. Field preparation followed by sowing may be done, since rain is anticipated.
Banana		Light rain with wind speed of 8 -12 kmph is expected. Protect five months and above old banana by providing stacking to avoid lodging of the crop
Turmeric	Land	Planting of Turmeric may be done by utilizing the favourable weather

	preparation	condition.
Grapes	Pruning	For monsoon crop of grapes, pruning may be done since weather is favourable for this operation
Coconut		Provide inward ring basin around coconut and fruit tree crops to harvest summer rains in root zone.
Animal		Rainfall with thunderstorm is expected. Protect the animal properly. Safeguard the dry feed from rain and moisture.

SMS advisory

Moderate to heavy rainfall with lightening and thunder is expected. Take proper safety measures for animal.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Moderate to heavy rainfall with thunder and lightning is expected in western zone districts. Irrigation may be postponed to all standing crops . To harvest the summer rains, summer ploughing may be done against the slope with inverting type of plough.
Rice	Sowing	Considering the anticipated rainfall nursery land preparation may be done followed by sowing of short duration rice with proper drainage.
Sorghum	Vegetative	With the receipt of light rainfall in the past week, hand weeding may be done in irrigated sorghum and apply 50 kg of urea per hectare as second top dressing.
Maize		Since rainfall is expected suitable drainage facility may be created for maize and especially under low land conditions.
Banana		Light rain with wind speed of 8 -12 kmph is expected. Protect five months and above old banana by providing stacking to avoid lodging of the crop
Turmeric	Land preparation	Planting of Turmeric may be done by utilizing the favourable weather condition.
Coconut		Provide inward ring basin around coconut and fruit tree crops to harvest summer rains in root zone.
Animal		Rainfall with thunderstorm is expected. Protect the animal properly. Safeguard the dry feed from rain and moisture.

SMS advisory

Moderate to heavy rainfall with lightening and thunder is expected. Take proper safety measures for animal.

Tiruppur

Agro advisory

Crop	Stage	Advisory
General		Moderate to heavy rainfall with thunder and lightning is expected in western zone districts.

		Irrigation may be postponed to all standing crops . To harvest the summer rains, summer ploughing may be done against the slope with inverting type of plough.
Sorghum	Vegetative	With the receipt of light rainfall in the past week, hand weeding may be done in irrigated sorghum and apply 50 kg of urea per hectare as second top dressing.
Maize		Since rainfall is expected suitable drainage facility may be created for maize and especially under low land conditions.
Banana		Light rain with wind speed of 8 -12 kmph is expected. Protect five months and above old banana by providing stacking to avoid lodging of the crop
Coconut		Provide inward ring basin around coconut and fruit tree crops to harvest summer rains in root zone.
Animal		Rainfall with thunderstorm is expected. Protect the animal properly. Safeguard the dry feed from rain and moisture.

SMS advisory

Moderate to heavy rainfall with lightening and thunder is expected. Take proper safety measures for animal.

Nilgiris

Agro Advisory

Crop	Stage	Advisory
General		Using expected rainfall, in potato crop, apply 50 kg Urea, 266 kg super phosphate and 40 kgs of potash at the time of sowing as basal and 30 days after sowing as top dressing.
Broccoli and Cauliflower	Vegetative stage	To control browning and hollow flower disorder in Broccoli and Cauliflower, spray Borox @ one kg per acre, 2 grams per litre of water.
Potato	Vegetative stage	Due to temperature fluctuation, farmers are advised to spray Cymoxanil 8 % + Mancozeb 64 % @ 2 ml /lit to control late blight in potato
Plantation		This is opt season for planting tree crops. While planting, apply 50 grams of AM per pit per plant.

SMS advisory

Using expected rainfall, in potato crop, apply 50 kg Urea, 266 kg super phosphate and 40 kgs of potash at the time of sowing as basal and 30 days after sowing as top dressing.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

Agro Advisory

Crop	Stage	Advisory
General		Since light rainfall expected in the coming days, ploughing can be done to control weeds and larva of insects.

Green manure		Since light rainfall expected in the coming days, raising of green manure crops like daincha, sunnhemp and kolinji can be done.
Irrigated Black gram	Vegetative stage	Since light rainfall expected in the coming days, irrigation can be postponed.
Livestock	Cattle and Goat	The rainy season favours pneumonia in calves and kids and prevent them by avoiding expose to rain water.

SMS advisory

Since light rainfall expected in the coming days, ploughing can be done to control weeds and larva of insects.

Dindigul

Extended range Forecast for next week (20th – 26th May 2022): Rainfall: As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely during the subsequent week. 20 to 26 May 2022. Maximum Temperature: Maximum temperatures is likely to be generally below normal and are likely to be in the range 26°C to 36°C over the plains of the district during next week. 20 to 26 May 2022. Minimum Temperature: Minimum temperatures are likely to be generally normal and are likely to be in the range 20°C to 26°C over the district during next week. 20 to 26 May 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at one or two places over Tamilnadu during 18 to 22 May 2022. Keep your Livestock / Animals safely in the shelters. In order to overcome the fodder crisis during summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops. To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals. Chances of light to Moderate rain during the next five days. Max temp-30°C-33°C & Min temp -23°C-24°C. Generally cloudy sky for next 5 days. Wind speed 5-7 kmph from SW & W directions.

Crop(Varieties)	Crop Specific Advisory
SUGARCANE	Prevailing weather conditions are optimum for filling up gaps in sugarcane. Within 30 days from planting, fill the gaps with two budded setts or 15-20 days polybag seedlings to maintain optimum plant stand. Maintain adequate moisture for 3 weeks for the proper establishment of the sprouted setts.
PEARL MILLET	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.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Kind attention to the livestock rearing farmers. Due to the prevailing weather condition, there are chances of occurrence of Foot and Mouth disease in cows. Hence, farmers are advised to prevent the cows from Foot and Mouth disease, by vaccinating their cows. Vaccination should be done once in every 4 months.

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Heavy Rainfall Warning: Thunderstorm Heavy rain is likely to occur at one or two places over the district on 18 & 19 May 2022. Farmers are advised to avoid irrigation, inter-cultural operations and application of plant protection measures to the standing crops, and provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall. Since some amount of rainfall is received recently, summer ploughing is very important for both the rain fed as well as irrigated land. Appearances of cracks will be avoided in the field and the rainwater is also get settled and stored under the ground. Furthermore, the larvae and fungi in the soil are brought to the top of the soil, exposed to the sunrays and destroyed by the birds.

Madurai

Extended range Forecast for next week (20th – 26th May 2022): Rainfall: As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely during the subsequent week. 20 to 26 May 2022. Maximum Temperature: Maximum temperatures is likely to be generally below normal and are likely to be in the range 26°C to 36°C over the plains of the district during next week. 20 to 26 May 2022. Minimum Temperature: Minimum temperatures are likely to be generally normal and are likely to be in the range 20°C to 26°C over the district during next week. 20 to 26 May 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at one or two places over Tamilnadu during 18 to 22 May 2022. Keep your Livestock / Animals safely in the shelters. In order to overcome the fodder crisis during summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops. To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals. Chances of Moderate rain on 18 May & light rain on 19, 22. Max temp -34°C - 36°C & Min temp -25°C-26°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SW direction.

Crop(Varieties)	Crop Specific Advisory
PEARL MILLET	Weed management in direct Sown Cumbu is important. Apply the PE Atrazine 0.25 kg/ha on 3 DAS as spray on the soil surface using sprayer fitted with flat type nozzle using 500 litres of water/ha. Apply herbicide when there is sufficient moisture in the soil. If pre-emergence herbicide is not applied hand weed twice on 15 and 30 days after sowing.
SUGARCANE	Symptoms of Phosphorus deficiency may be found in Sugarcane. Colour of the leaves is greenish-blue, reduction in length of sugarcane stalks, diameters of which taper rapidly at growing points. Poor or No tillering, decreased shoot/root ratio with restricted root development are the symptoms of damage. To rectify this, apply a large amount of rock phosphate up to 1 Tonne/ha. Foliar spray of DAP @ 20gm/litre, twice in fortnight intervals.
Live Stock(Varieties)	Live Stock Specific Advisory

COW	Kind attention to the livestock rearing farmers. Due to the prevailing weather condition, there are chances of occurrence of Foot and Mouth disease in cows. Hence, farmers are advised to prevent the cows from Foot and Mouth disease, by vaccinating their cows. Vaccination should be done once in every 4 months.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
LAND PREPARATION	Since some amount of rainfall is received recently, summer ploughing is very important for both the rain fed as well as irrigated land. Appearances of cracks will be avoided in the field and the rainwater is also get settled and stored under the ground. Furthermore, the larvae and fungi in the soil are brought to the top of the soil, exposed to the sunrays and destroyed by the birds.

Pudukottai

Extended Range Forecast For Tamil Nadu 22 .05.2022 to 28 .05.2022. During the Week from 22 th to 28 th May Rainfall Above Normal . Maximum temperature Moderately Below Normal and minimum temperature Normal is likely to occur over Tamilnadu. In Horticultural crops, place coconut husk in the root zone to retain moisture.

Crop(Varieties)	Crop Specific Advisory
GINGELLY	Make suitable arrangement to facilitate air movement in the lodged sesame to avoid seed deterioration after getting good sunlight crop may be harvested and processed.
BLACK GRAM	Apply of indoxacarb @ 1 ml/litre for the management of pod borer.
GROUNDNUT	Farmers are advised to take up ploughing with already available soil moisture, and will take up groundnut variety Dharani sowing with forecast rain in coming days. Also advised, seed treatment with Trichoderma viride @ 4 gram / kg of seeds to control root rot disease during early stage of crop.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	It is important to apply micro nutrient to Banana crop planted in garden land, spraying of Plantozyme @ 2ml/litre of water is recommended. Similarly, Acid lime and Zinc Sulphate @ 5gm/litre of water can also be sprayed at this stage.
COCONUT	Conserve the expected rainfall by providing basin in coconut farms. Apply fertilizer for the coconut trees more than 5 years @ 650 g urea, 1 kg super phosphate, 1 kg potash per tree. And also apply 250 g of micro nutrient per tree and don't mix micro nutrient with soil. Sulphur Deficiency Symptoms Typical symptoms are yellowish- green or yellowish-orange leaflets. Old leaves remain green. Leaves droop as the stem becomes weak. In older palms, leaf number and size are reduced. Sometimes an apron of dead fronds develops around the stem due to weakness of the rachis. Nuts may fall prematurely. Copra is rubbery and of poor market quality. Management Soil application of gypsum 2 - 5 kg/tree/year. Root feeding of 0.2% (2g/litre of

	water) gypsum.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxemia, hence precautionary measures should be taken.
COW	Due to the occurrence of recent summer rains, the microenvironment for the survival of the infective stage of Strongyle nematodes and grass mite intermediate host for tapeworms would be very congenial and hence susceptible, particularly young animals likely to get infected. Mortality may occur in severe cases. Faecal samples may be screened and infected animals may be dewormed immediately. Don't allow the animals to graze in the early morning.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Using dry weather forecast for coming days, sundry the harvested pulses and store at below 9% moisture.
GENERAL ADVICE	Since some amount of rainfall is received recently, summer ploughing is very important for both the rain fed as well as irrigated land. Appearances of cracks will be avoided in the field and the rainwater is also get settled and stored under the ground. Furthermore, the larvae and fungi in the soil are brought to the top of the soil, exposed to the sunrays and destroyed by the birds.

Ramanathapuram

In coconut tree basins application of coconut leaves and coir waste can help to prevent evaporation loss, so farmer can able to save water. From extended range forecast, Above normal rainfall expected for the period of May 22 to May 28 over Tamil Nadu.

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to the prevailing weather conditions incidence of stem weevil is expected in cotton. The damage symptoms are swellings on the stem just above the ground level and Older plants that survive lack vigor and strength, breaks at the nodes due to strong wind. If damage symptoms are observed 10% of ETL uproot and destroy the infested plants and drenching collar region with chlorpyrifos 2.5ml/1 liters of water
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. Sparaying of 5 ml of neem oil in one liter of water along with 1 ml of sandovit.
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Sivagangai

Extended range Forecast for next week (20th – 26th May 2022): Rainfall: As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely during the subsequent week. 20 to 26 May 2022. Maximum Temperature: Maximum temperatures is likely to be generally below normal and are likely to be in the range 26°C to 36°C over the plains of the district during next week. 20 to 26 May 2022. Minimum Temperature: Minimum temperatures are likely to be generally normal and are likely to be in the range 20°C to 26°C over the district during next week. 20 to 26 May 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at one or two places over Tamilnadu during 18 to 22 May 2022. Keep your Livestock / Animals safely in the shelters. In order to overcome the fodder crisis during summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops. To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals. Chances of light rain on 18 May. Max temp-36°C - 38°C& Min temp -28°C-29°C.Partially cloudy sky for next 5 days. Wind speed 8 kmph from SW direction.

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	To improve the grade of Banana bunches, farmers are advised to spray 2, 4-D at 25 ppm (25 mg/lit) on Poovan, Monthan, Rasthali and Co1 banana after the last hand has emerged. This will also help to remove seediness in the Poovan variety. Spray Plantozym @ 2mg/1 litre of water at 6th month after planting.
CHILLI	Seed treatment is very important in Chilly. Treat the seeds with Trichoderma viride @ 10 gm per kg and Pseudomonas fluorescens @ 10 gm per kg and sow in lines spaced at 10 cm in raised nursery beds and cover with sand.
COW	Kind attention to the livestock rearing farmers. Due to the prevailing weather condition, there are chances of occurrence of Foot and Mouth disease in cows. Hence, farmers are advised to prevent the cows from Foot and Mouth disease, by vaccinating their cows. Vaccination should be done once in every 4 months.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
LAND PREPARATION	Since some amount of rainfall is received recently, summer ploughing is very important for both the rain fed as well as irrigated land. Appearances of cracks will be avoided in the field and the rainwater is also get settled and stored under the ground. Furthermore, the larvae and fungi in the soil are brought to the top of the soil, exposed to the sunrays and destroyed by the birds.

Theni

Extended range Forecast for next week (20th – 26th May 2022): Rainfall: As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely during the subsequent week. 20 to 26 May 2022. Maximum Temperature: Maximum temperatures is likely to be generally below normal and are likely to be in the range 26°C to 36°C over the plains of the district during next week. 20 to 26 May 2022. Minimum Temperature: Minimum temperatures are likely to be generally normal and are likely to be in the range 20°C to 26°C over the district during next week. 20 to 26 May 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at one or two places over Tamilnadu during 18 to 22 May 2022. Keep your Livestock / Animals safely in the shelters. In order to overcome the fodder crisis during summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops. To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals. Chances of light to Moderate rain during the next five days. Max temp-28°C-32°C & Min temp -21°C-22°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SW & W directions.

Crop(Varieties)	Crop Specific Advisory
JASMINE	Due to the prevailing weather condition, the incense of Budworm in Jasmine. The budworm caterpillar makes the hole on the flower bud and feeds on the inner content. Petals are eaten by larvae. Collect and destroy the damaged buds with larvae. Use a light trap to attract and kill the adult moths. Spray Neem Seed Kernel Extract (NSKE) @ 5% (ie., 50gm dry seeds powder per litre of water + 2gm detergent soap). Always use freshly prepared NSKE. Spray the extract in the evening hours (after 3:30 Pm) to get effective results. The Jasmine bushes should be pruned properly and the fields should be maintained cleanly.
BLACK GRAM	In rice fallow black gram, spray DAP (2%) + KCl (1%) solution on morning or evening at flower initiation and another at 15 days interval. Alternatively “pulse wonder” at 5.0 kg/ha can be sprayed during flower initiation.
COW	Kind attention to the livestock rearing farmers. Due to the prevailing weather condition, there are chances of occurrence of Foot and Mouth disease in cows. Hence, farmers are advised to prevent the cows from Foot and Mouth disease, by vaccinating their cows. Vaccination should be done once in every 4 months.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Heavy Rainfall Warning: Thunderstorm Heavy rain is likely to occur at one or two places over the district on 18 & 19 May 2022. Farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, and provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall. Since some amount of rainfall is received recently, summer ploughing is very important for both the rain fed as well as irrigated land. Appearances of cracks will be avoided in the field and the rainwater is also get settled and stored under the ground. Furthermore, the larvae and fungi in the soil are brought to the top of the soil, exposed to the sunrays and destroyed by the birds.

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
	There are possibilities of moderate rainfall during the fourth coming five days. Maximum temperature will be around 31°C and minimum temperature will be around 25°C. Cloudy condition may prevail. The relative humidity will be 70 to 80 %. Wind speed may be 12 km / hr in West direction.		
1.	Agricultural and Horticultural crops	All stages	Avoid application for fertilizer, insecticides and weedicide due to heavy rain and high wind speed.
2.	Banana	Shooting	High wind speed is anticipated with rainfall and so it is advised to provide mechanical support to banana crops to avoid lodging.
3.	Tube rose, Marigold and Nerium	All stages.	Provide proper drainage facilities to prevent rain water stagnation.
4.	Horticultural crops	Young plants	As rainfall is expected, proper drainage facilities should be given to young rubber, banana and fruit trees.
5.	Coconut	All stages	Basins can be formed and green manure sowing may be taken up in the basins.
6.	Rice	Nursery stage	Care must be taken to avoid stagnation of water in the seed bed.
7.	Cinnamon	Planting stage	One year old seedlings may be transplanted under partial shade

SMS Advisory

Horticultural crops: Basins can be formed and coir compost should be applied to conserve moisture in banana, pepper, clove, nutmeg, cinnamon and coconut.

Salem

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Jasmine	Vegetative	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.
Coconut	General	The coconut rugose spiraling whitefly Can be managed byRelease of Encarsiaparasitoids @ 100 parasitoids /ac (10 leafbits/ac)Installation of yellow sticky traps (5 ft. x 1.5 ft.) smeared with castor oil @ 5/ acRelease of predator, Chrysoperla eggs @ 500/ac in young palmsPesticide

		holiday' must be declared to conserve the natural enemies fauna.
Paddy	Vegetative	In paddy for the management of brown planthopper Spray Buprofezin 25% SC 800 ml/ha or Chlorantraniliprole 18.5% SC 150 g/ha or Fipronil 5% SC 1000-1500 ml/ha Or Imidacloprid 17.8 SL 100-125 ml/ha.
Vegetables	General	Application of micro nutrients to vegetable crops may give good results. Farmers are advised to apply micronutrients to the vegetable crops through fertigation or foliar spray during the flowering to fruiting stage.
Paddy	Vegetative	Due to prevailing weather condition leaf folder infestation identified in paddy crop. To manage the leaf folder Release
Livestock	Sheep and Goat	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ecto - parasites in sheep and goats.
Cotton	Vegetative	Due to prevailing weather the leaf blight incidence may occur in cotton. To control leaf blight in cotton, Spray mancozeb 2 kg/ha immediately after the symptom appearance and 2-3 times once in 15 days.
Banana	Vegetative	Due to prevailing weather condition favourable for leaf spot infection in banana crop. To control spray carbendazim 1g/l or propiconazole 1ml/l or mancozeb 2.5 g/l with sticking agent @ 1 ml / lit at 10-15 days interval.
Livestock	General	Considering the temperature, artificial insemination to animals can be done in morning before 11am after cooling the animals by bathing.
Livestock	General	Flea bite in livestock leads to allerg reaction all over body. treatment for this apply mixer of betel vine leaves ,salt, pepper paste below the tongue.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
General		Heavy rain with thunderstorm and lightning likely to occur at isolated places over the district.
Livestock	General	<u>Control of aflatoxin</u> Aflatoxins are produced by fungi. Aflatoxins present in animal feeds not only affect the productivity but also impair the health of animals particularly affects the immune system, liver function, reproductive efficiency including abortions. Besides, it is carcinogenic in nature. Aflatoxin B ₁ is common in maize grain and groundnut cake. Aflatoxin B ₁ present in feed is transferred to milk as aflatoxin M ₁ thereby affects the human health. The aflatoxins are not destroyed by cooking / sun

		<p>drying. The maximum permissible level of aflatoxin B₁ in feeds is 20 ppb as per Bureau of Indian Standards.</p> <p><u>Prevention / control of aflatoxin</u></p> <p>Strict control of Aflatoxin B₁ level in feed ingredients is required in order to minimize the level of Aflatoxin M₁ in milk and milk products. Avoid the cultivation of groundnut continually in the same land. Postpone the harvesting of crops like maize and groundnut during rainy season. Stagnation of water in the field for longer period as well as premature harvesting of crops also disposes to aflatoxin contamination.</p> <p>The maize grain and groundnut pods should be dried as quickly as possible after harvesting and the moisture content should be less than 11 % before storage.</p> <p>Avoid storage of damaged, broken grains as well as insect damaged grains which are susceptible for fungal growth. Periodically check the moisture content if stored for longer periods.</p> <p>Store the raw materials on wooden pallets or crates and away from the walls to prevent moisture migration from the floor and walls.</p> <p>Proper drying and storage of groundnut straw and maize stover is important to prevent aflatoxin toxicity.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Advisory in case of Heavy Rainfall		
Groundnut	Maturity stage	Soil will be moistened due to rains in the rain fed area. Harvest to planned before the moisture gets drained in the field.
Tapioca	Tuber formation stage	No effect. Proper drainage should be arranged anticipating heavy rainfall.
Cucurbitaceous vegetables	Flowering and Fruiting stage	Due to excess water, wilt disease may occur. Soil drainage should be provided, Foliar spraying of NPK 19:19:19 should be taken after rainfall.
Advisory in case of High winds		
Banana	Flowering and Fruiting stage	Breakage of pseudostem in banana tree may occur due to strong winds. Proper support with bamboo stick may be given to prevent breakage of pseudo stem.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Dharmapuri :		
Crops	General	Light to Moderate rainfall is expected during next five days. Postpone the irrigation. Based on the local weather and crop requirement irrigation may be provided. Agriculture and horticulture Harvested produce may be stored under protective shelter. Wind speed is predicted to be high farmers are advised to go

		for plant protection measures and make drainage facilities in standing agricultural and horticultural crops field.
Tomato	Harvesting	In tomato to control leaf blight disease, spraying of hexaconazole 5%SL@1ml/ litre of water is recommended.
Tapioca	Vegetative	Management practices to be followed on white mealy bug affected plant in tapioca: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/ litre of water, Fish oil resin soap @ 2.0 ml/ litre of water.Any one of the following insecticide can be sprayed on rotation basis as and required Thiamethoxam 25 WG @ 0.5 gram /litre of water, Flonicamid 50 WG @ 0.3 gram/ litre of water , Spirotetramat 150 OD @ 1.25 ml / litter of water.
Crops	General	Rain: light to Moderate. Harvested agricultural and horticultural produce may be stored under protective shelter.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
General		Heavy rain with thunderstorm and lightning likely to occur at isolated places over the district.
Livestock	General	<p><u>Control of aflatoxin</u> Aflatoxins are produced by fungi. Aflatoxins present in animal feeds not only affect the productivity but also impair the health of animals particularly affects the immune system, liver function, reproductive efficiency including abortions. Besides, it is carcinogenic in nature. Aflatoxin B₁ is common in maize grain and groundnut cake. Aflatoxin B₁ present in feed is transferred to milk as aflatoxin M₁ thereby affects the human health. The aflatoxins are not destroyed by cooking / sun drying. The maximum permissible level of aflatoxin B₁ in feeds is 20 ppb as per Bureau of Indian Standards.</p> <p><u>Prevention / control of aflatoxin</u> Strict control of Aflatoxin B₁ level in feed ingredients is required in order to minimize the level of Aflatoxin M₁ in milk and milk products. Avoid the cultivation of groundnut continually in the same land. Postpone the harvesting of crops like maize and groundnut during rainy season. Stagnation of water in the field for longer period as well as premature harvesting of crops also disposes to aflatoxin contamination. The maize grain and groundnut pods should be dried as quickly as possible after harvesting and the moisture content should be less than 11 % before storage. Avoid storage of damaged, broken grains as well as insect damaged grains which are susceptible for fungal growth. Periodically check the</p>

		moisture content if stored for longer periods. Store the raw materials on wooden pallets or crates and away from the walls to prevent moisture migration from the floor and walls. Proper drying and storage of groundnut straw and maize stover is important to prevent aflatoxin toxicity.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Advisory in case of Heavy Rainfall		
Groundnut	Maturity stage	Soil will be moistened due to rains in the rain fed area. Harvest to planned before the moisture gets drained in the field.
Tapioca	Tuber formation stage	No effect. Proper drainage should be arranged anticipating heavy rainfall.
Cucurbitaceous vegetables	Flowering and Fruiting stage	Due to excess water, wilt disease may occur. Soil drainage should be provided, Foliar spraying of NPK 19:19:19 should be taken after rainfall.
Advisory in case of High winds		
Banana	Flowering and Fruiting stage	Breakage of pseudostem in banana tree may occur due to strong winds. Proper support with bamboo stick may be given to prevent breakage of pseudo stem.

Karaikal

Weather based Agro-Advisories.

Crop/ livestock	Stage/Particulars	Agro Advisory
Cotton	Vegetative stage	To control sucking pest in cotton spray Imidacloprid 17.8 SL @ 100 ml/ha (or) Azadirachtin 0.03% (300 ppm) 2500 ml/ha.
		To control mealy bug in cotton spray neem oil 2 % or NSKE 5 % or Buprofezin 25 SC @ 2 ml/ litre.
		To manage weeds in cotton, hand weeding on 45 DAS or apply post emergence herbicide pyriothobac sodium @ 62.5g a.i./ha + quizalofop ethyl @ 50 g a.i./ha at 45 DAS.
Coconut	Fruiting stage	To control spiraling whitefly in coconut, spray water forcibly and set up yellow sticky trap @ 8 numbers /ac. In severe cases, spray neem oil 0.5 %+ tween 80 (0.005%)
Gourds	Flowering stage	Spray ethrel @ 100 ppm (1 ml/10 litres of water) in snake gourd and bitter gourd and @ 250 ppm (2.5 ml/10 litres of water) in ribbed gourd, four times commencing from 15th days after sowing at weekly intervals to increase female flowers.

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

Puducherry

Weather based Agro-Advisories.

Crop	Stage/Particulars	Agro Advisory
Rice	Tillering stage	To manage rice stem borer, release parasitoid <i>Trichogramma japonicum</i> @1,00,000/ha at active tillering stage (37, 44 and 51 DAP) or Azadirachtin 0.03% @ 4 ml/l or cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.
		To manage rice leaf folder release <i>Trichogramma chilonis</i> 5cc (1,00,000/ha) at 37, 44, 51 day after planting. Avoid excess application of nitrogen fertilizers. Setup light trap to attract adult moths. Setup T- shaped bird perches for predatory birds to control these pests. Apply cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.
Coconut	Fruiting stage	To control spiraling whitefly in coconut, spray water forcibly and set up yellow sticky trap @ 8 numbers /ac. In severe cases, spray neem oil 0.5 %+ tween 80 (0.005%).
Gourds	Flowering stage	Spray ethrel @ 100 ppm (1 ml/10 litres of water) in snake gourd and bitter gourd and @ 250 ppm (2.5 ml/10 litres of water) in ribbed gourd, four times commencing from 15th day after sowing at weekly intervals to increase female flowers.

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

BLOCK LEVEL FORECAST

CHENNAI DISTRICT

Chennai Block

From extended range forecast above normal rainfall, below normal maximum temperature and normal minimum temperature expected for the period of 22.05.2022 to 28.05.2022 over Tamil Nadu. (18.05.2022-22.05.2022) Thunderstorm with light to moderate rain is likely to occur at a few places over Tamilnadu.

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures. The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding
GOAT	Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken.
SHEEP	Ewes which have missed the main breeding season must be flushed by feeding Hedge lucerne or any other leguminous fodder supplemented with vitamin tonics and mineral mixture before mating.

PIG	To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the body on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

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 receive above normal rainfall and below normal temperature for the period of 22.05.2022 to 28.05.2022. Light to moderate rainfall may be expected on forthcoming days. So, farmers are advised to temporarily avoid fertilizer application, insecticides or pesticides spray and weeding. (18.05.2022-19.05.2022) Heavy rain is likely to occur at one or two places over kallakurichi, Tiruvannamalai, Tirupattur, Vellore, Krishnagiri districts of Tamilnadu.

Crop(Varieties)	Crop Specific Advisory
RICE	To provide adequate drainage for crops. Harvest the matured paddy crops and store in safe places.
GROUNDNUT	Harvest the matured groundnut and store in safe places.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	High wind speed (>10 kmph) is expected on forthcoming days, so prop up 5 month old banana trees. To provide adequate drainage for crops.
CHILLI	To provide adequate drainage for crops.
COCONUT	Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 m radius around the palms as mulch for soil moisture conservation particularly during summer season. To provide adequate drainage for crops.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Do not permit the animals to graze on the newly emerging grasses against bacterial diseases. High wind speed of >15 km/hour. Check the stability of the shed.

VILLUPURAM DISTRICT

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

From extended range forecast above normal rainfall, below normal maximum temperature and normal minimum temperature expected for the period of 22.05.2022 to 28.05.2022 over Tamil Nadu. (20.05.2022) Thunderstorm with light to moderate rain is likely to occur at a few places over Cuddalore districts of Tamil Nadu.

Crop(Varieties)	Crop Specific Advisory
RICE	Alage in paddy field reduces the growth of crops. To control apply, 2 kg of coppersulphate mix with sand.2. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.
SUGARCANE	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
BRINJAL	Prevailing weather is favorable for shoot and fruit borer incidence in brinjal. To control remove the affected terminal shoot showing boreholes. Install pheromonetraps @ 5 nos./ac or spray azadirachtin 1.0% EC 3.0 ml/lit or emamectin benzoate 5% SG 4.0g/10 liter.
COCONUT	Installation of yellow sticky traps (25 Nos./ ha) on the palm trunk to trap the adult whiteflies.2. Encourage buildup of parasitoids (Encarsia sp.) and reintroduce parasitized pupae at emerging zones of whitefly outbreak.3. In sever case, spray neem oil 20 ml/l of water or spray Azadirachtin 2.0 ml/l of water with 1.0 ml of sticking agent.

NILGIRIS DISTRICT

Coonoor, Gudalur, Kotagiri and Ooty Blocks

Agro Advisory

Crop	Stage	Advisory
General		Using expected rainfall, in potato crop, apply 50 kg Urea, 266 kg super phosphate and 40 kgs of potash at the time of sowing as basal and 30 days after sowing as top dressing.
Broccoli and Cauliflower	Vegetative stage	To control browning and hollow flower disorder in Broccoli and Cauliflower, spray Borox @ one kg per acre, 2 grams per litre of water.
Potato	Vegetative stage	Due to temperature fluctuation, farmers are advised to spray Cymoxanil 8 % + Mancozeb 64 % @ 2 ml /lit to control late blight in potato
Plantation		This is opt season for planting tree crops. While planting, apply 50 grams of AM per pit per plant.

SMS advisory

Using expected rainfall, in potato crop, apply 50 kg Urea, 266 kg super phosphate and 40 kgs of potash at the time of sowing as basal and 30 days after sowing as top dressing.

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