



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 077/2022

For the period 0830 IST, 27th September 2022 to
0830 IST, 02nd October 2022

Issued on Tuesday, 27th September 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, Tiruvarur, 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 23.09.22 to 26.09.22 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 31°C – 38°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 19°C – 21°C during the period.

Minimum temperature of range 21°C - 29°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 09°C - 13°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	26.09.22	Puducherry
Fairly widespread (Many places)	--	--
Scattered (Few Places)	26.09.22	Tamil Nadu
Isolated (One or Two Places)	24.09.22 & 25.09.22	Tamil Nadu
Dry	23.09.22 23.09.22, 24.09.22 & 25.09.22	Tamil Nadu Puducherry

Chief Amounts of Rainfall (in cms):-

23.09.22 : Nil

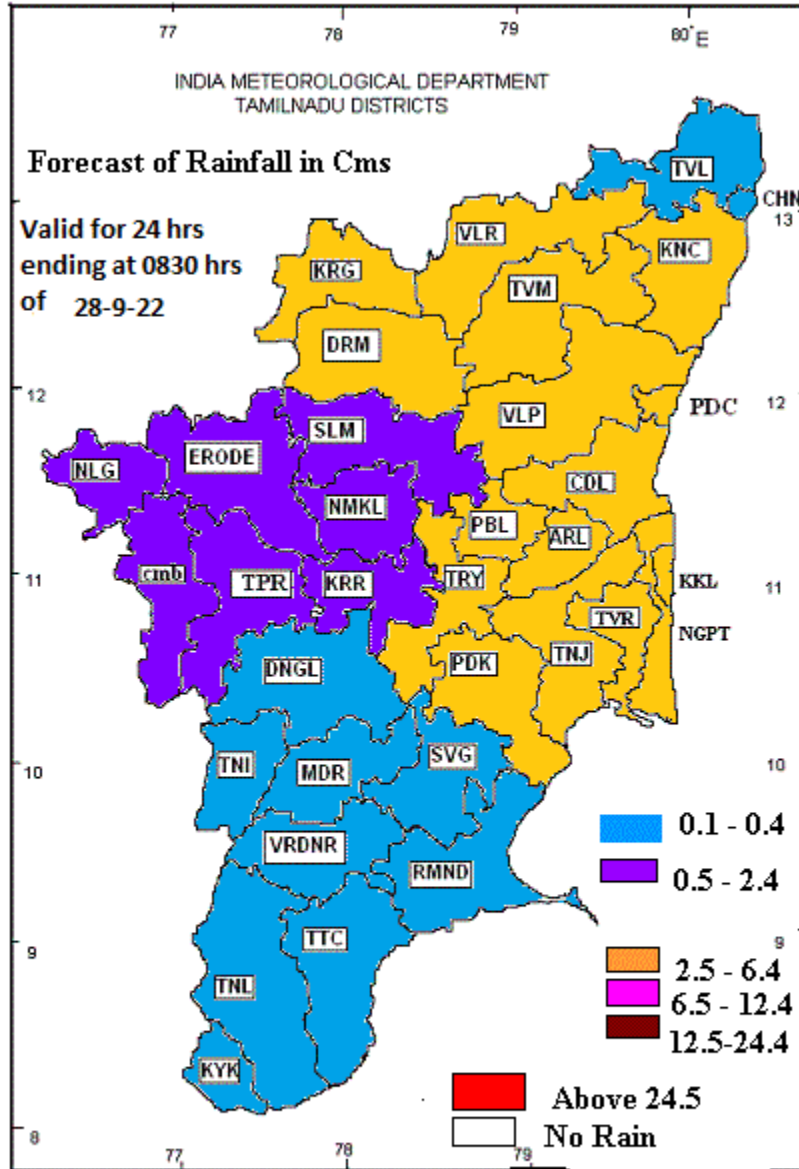
24.09.22 : Nil

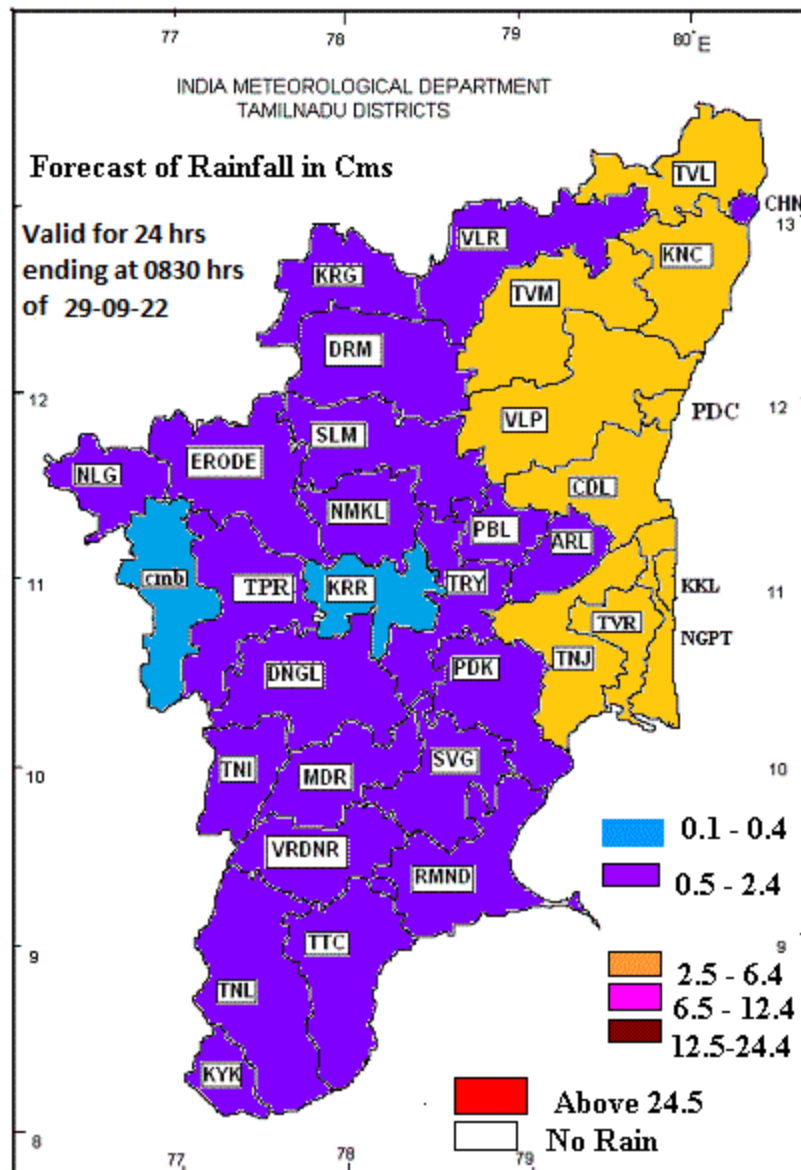
25.09.22 : Manjalaru (dist Thanjavur) 4, Sendurai (dist Ariyalur), Thalaignayer (dist Nagapattinam) 3 each, Thirukuvalai (dist Nagapattinam), Thiruvidaimaruthur (dist Thanjavur), Ayyampettai (dist Thanjavur), Mugaiyur (dist Villupuram) 2 each, Thiruthuraipoondi (dist Tiruvarur), Tiruvarur (dist Tiruvarur), Agaram Seegoor (dist Perambalur), Vepur (dist Cuddalore), Kattumalaiyur (dist Cuddalore), Kilacheruvai (dist Cuddalore), Labbaikudikadu (dist Perambalur), Jayamkondam (dist Ariyalur), Parangipettai (dist Cuddalore), Kumbakonam (dist Thanjavur) 1 each.

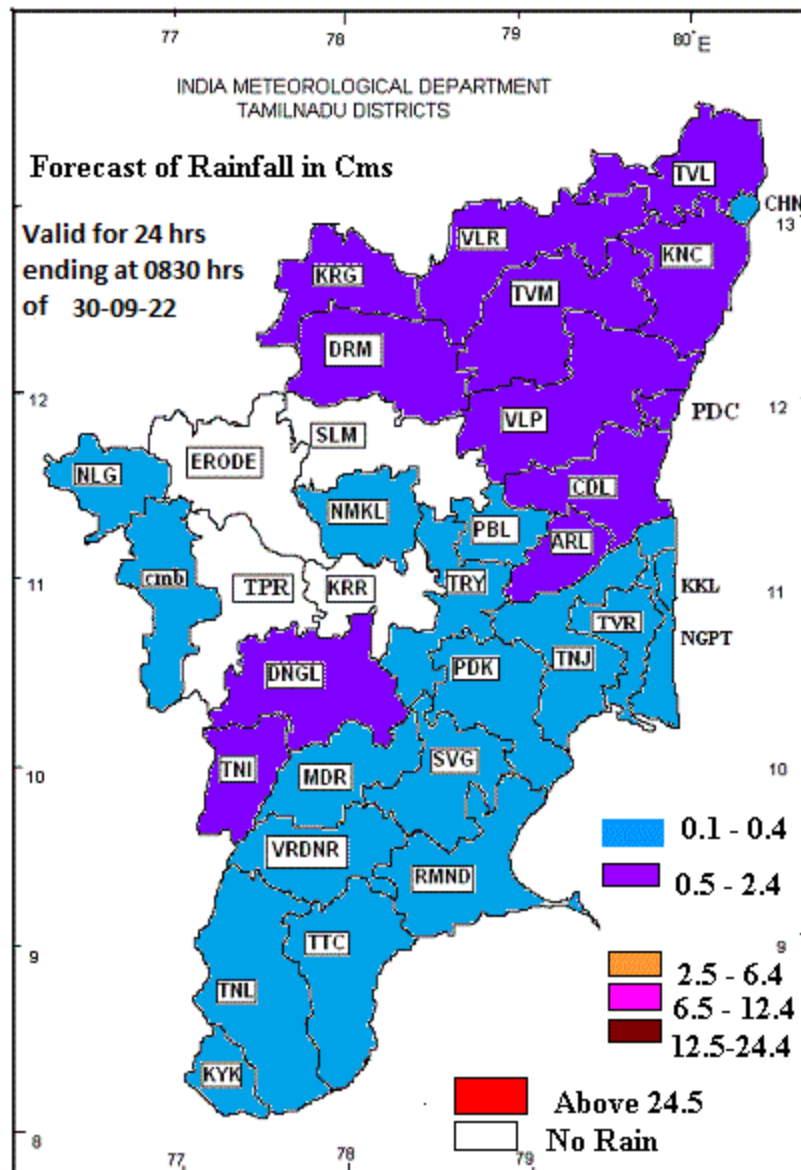
26.09.22 : Trichy Town (dist Trichy), Budalur (dist Thanjavur) 17 each, Grand Anaicut (dist Thanjavur) 15, Thanjavur (dist Thanjavur), Vallam (dist Thanjavur), Neivasal Thenpathi (dist Thanjavur) 12 each, Ponmalai (dist Trichy), Trichy Junction (dist Trichy) 11 each, Trichy AP (dist Trichy), Thuvakudi (dist Trichy), Mannargudi (dist Tiruvarur) 10 each, Navalur Kottapattu (dist Trichy), Tirukattupalli (dist

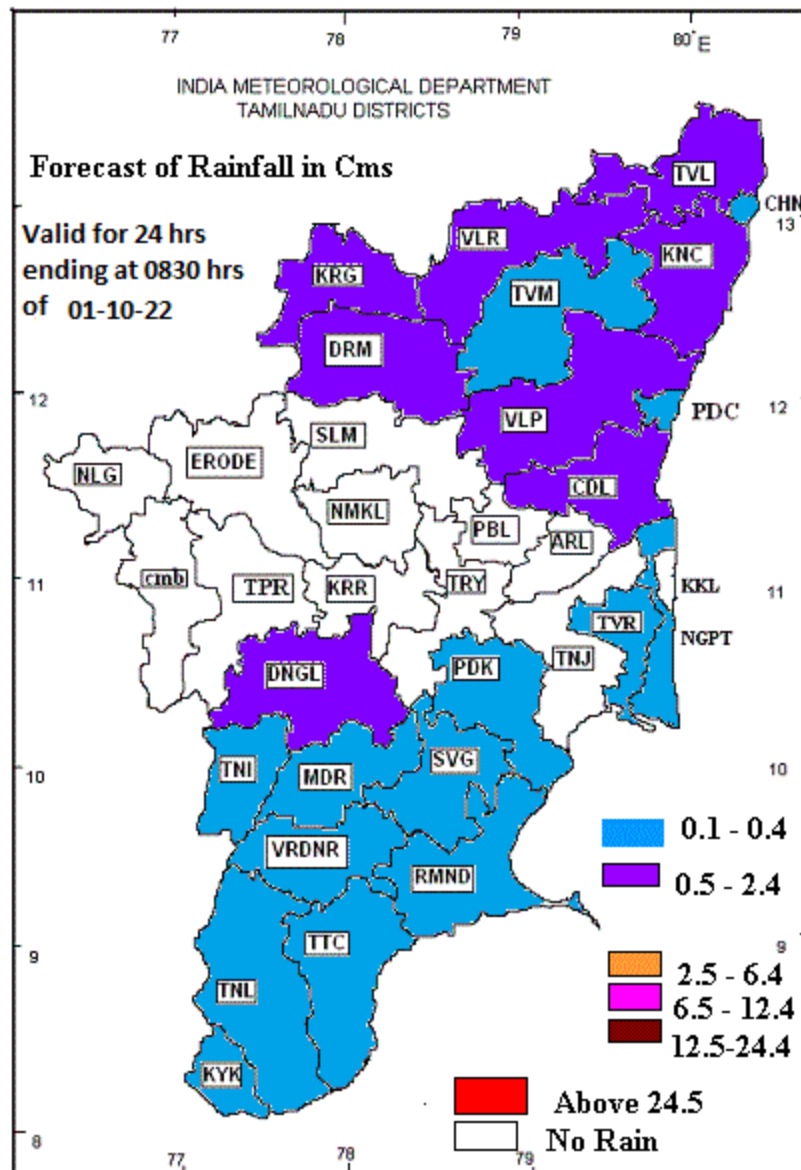
Thanjavur), Pullambadi (dist Trichy), Pattukottai (dist Thanjavur), Vathalai Anaicut (dist Trichy), Nandhiyar Head (dist Trichy), Velankanni (dist Nagapattinam) 9 each, Kattumayilur (dist Cuddalore), Thanjavur PTO (dist Thanjavur) 8, Nagapattinam (dist Nagapattinam), Naduvattam (dist Nilgiris), Lalgudi (dist Trichy), Tiruvarur (dist Tiruvarur) 7 each, Agaram Seegoor (dist Perambalur) 6, Vepur (dist Cuddalore), Kallakurichi (dist Kallakurichi), Srivilliputhur (dist Virudhunagar), Labbaikudikadu (dist Perambalur), Needamangalam (dist Tiruvarur), Virugavoor (dist Kallakurichi), Kilacheruvai (cuddalore), Devimangalam (dist Trichy) 5 each, Thiyagadurgam (dist Kallakurichi), Orthanad (dist Thanjavur), Perambalur (dist Perambalur), Tozhudur (dist Cuddalore), Manapparai (dist Trichy), Sirkali (dist Mayiladuthurai), Glenmorgan (dist Nilgiris), Madukkur (dist Thanjavur), Kalayanallur (dist Kallakurichi) 4 each, Gingee (dist Villupuram), Kollidam (dist Mayiladuthurai), Sivakasi (dist Virudhunagar), Madurai South (dist Madurai), Gandarvakottai (dist Pudukkottai), Chettikulam (dist Perambalur), Viralimalai (dist Pudukkottai), Walajabad (dist Kancheepuram), Salem (dist Salem), Samayapuram (dist Trichy), Pandavaiyar Head (dist Tiruvarur), Veppanthattai (dist Perambalur) 3 each, Sendurai (dist Ariyalur), Eraiyur (dist Perambalur), Ariyalur (dist Ariyalur), Tallakulam (dist Madurai), Marungapuri (dist Trichy), Perungalur (dist Pudukkottai), Kothagiri (dist Nilgiris), Mangalapuram (dist Namakkal), Kalugumalai (dist Toothukudi), Thammampatty (dist Salem), Kovilpatti (dist Trichy), Tiruvaiyaru (dist Thanjavur), Karambakudi (dist Pudukkottai), Cuddalore (dist Cuddalore), Coonoor PTO (dist Nilgiris), Karur (dist Karur), Kayathar ARG (dist Toothukudi), Thenparanadu (dist Trichy), Kangeyam (dist Tiruppur), Ketti (dist Nilgiris), Sandhiyur KVK (dist Salem) 2 each, Ponnamaravathi (dist Pudukkottai), Thirumanur (dist Ariyalur), Thalaignayer (dist Nagapattinam), Kayathar (dist Toothukudi), Peraiyur (dist Madurai), Keeranur (dist Pudukkottai), Bhuvanagiri (dist Cuddalore), Mettupalayam (dist Coimbatore), Uthagamandalam (dist Nilgiris), Mayiladuthurai (dist Mayiladuthurai), Vembakottai (dist Virudhunagar), Dindigul (dist Dindigul), Palavidithi (dist Karur), Kumbakonam (dist Thanjavur), Jayamkondam (dist Ariyalur), Musiri (dist Trichy), Rajapalayam (dist Virudhunagar), K.paramathi (dist Karur), Karaikal (dist Karaikal), Kadavur (dist Karur), Puduchatram (dist Namakkal), Avalanche (dist Nilgiris), Veeraganoor (dist Salem), Pelandurai (dist Cuddalore), Natham (dist Dindigul), Thathiengrpet (dist Trichy), Rasipuram (dist Namakkal), Erode (dist Erode), Chidambaram (dist Cuddalore), Attur (dist Salem), Thanjai Papanasam (dist Thanjavur), Alangudi (dist Pudukkottai), Sendamangalam (dist Namakkal), Sivagiri (dist Tenkasi) 1 each.

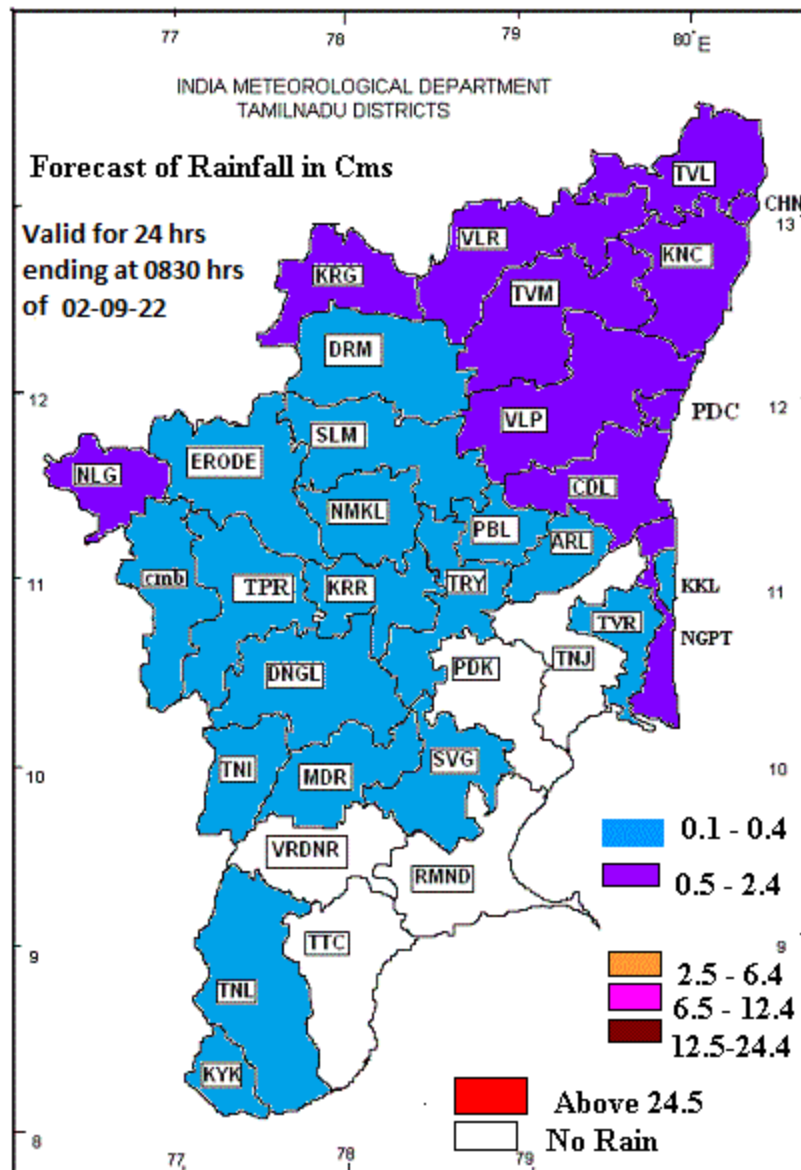
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 27.09.22
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

Chennai

SMS Advisory:

(28.09.2022-29.09.2022) Heavy rain is likely to occur at isolated places over Cuddalore, Kancheepuram, Tiruvannamalai, Vellore, Villupuram, Kallakurichi, Chengalpattu, Tirupattur, and Ranipet districts of Tamilnadu,

Livestock Advisory

1. The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm.
2. The floor of nursery piglet shed must be cleaned with luke warm saline or with any other commercial disinfectant to prevent E.coli infection, which in adverse cases of infection leads to diarrhoea and mortality.
3. The sheep and goat must be vaccinated against Enterotoxaemia infection.
4. To prevent mosquitoes menace the livestock shed may be fumigated with Vitex Negundo dried leaves once in a week
5. The newly kidded doe must be vaccinated with TT (Tetanus Toxide)
6. Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides).
7. Present maximum and minimum temperature is feasible for rabbit production, hence the rabbit may be allowed for individual mating or colony mating.
8. The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

Chennai Block level

From extended range forecast Above normal rainfall, normal maximum temperature and minimum temperature expected for the period of 02.10.2022 to 08.10.2022 over Tamil Nadu. (28.09.2022-29.09.2022) Heavy rain is likely to occur at isolated places over Cuddalore, Kancheepuram, Tiruvannamalai, Vellore, Villupuram, Kallakurichi, Chengalpattu, Tirupattur, and Ranipet districts.

Live Stock(Varieties)	Live Stock Specific Advisory
COW	The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm.
PIG	2. The floor of nursery piglet shed must be cleaned with luke warm saline or with any other commercial disinfectant to prevent E.coli infection, which in adverse cases of infection leads to diarrhoea and mortality.
GOAT	3. The sheep and goat must be vaccinated against Enterotoxaemia infection
SHEEP	6. Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides).
RABBIT	7. Present maximum and minimum temperature is feasible for rabbit production, hence the rabbit may be allowed for individual mating or colony mating

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	8. The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water

Kancheepuram

SMS Advisory:

(28.09.2022-29.09.2022) Heavy rain is likely to occur at isolated places over Cuddalore, Kancheepuram, Tiruvannamalai, Vellore, Villupuram, Kallakurichi, Chengalpattu, Tirupattur, and Ranipet districts of Tamilnadu,

Livestock Advisory

1. The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm.
2. The floor of nursery piglet shed must be cleaned with luke warm saline or with any other commercial disinfectant to prevent E.coli infection, which in adverse cases of infection leads to diarrhoea and mortality.
3. The sheep and goat must be vaccinated against Enterotoxaemia infection.
4. To prevent mosquitoes menace the livestock shed may be fumigated with Vitex Negundo dried leaves once in a week
5. The newly kidded doe must be vaccinated with TT (Tetanus Toxide)
6. Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides).
7. Present maximum and minimum temperature is feasible for rabbit production, hence the rabbit may be allowed for individual mating or colony mating.
8. The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

Agricultural advisory Rice:

The forecasted weather may cause Thrips infestation in nursery field. For management farmers may spray Phosphamidon 40 SL 50 ml.

The forecasted weather is conducive for Sheath Blight infestation in paddy. For management farmers may spray Neem oil @ 3% at start stage of the disease.

Brinjal:

There are possibilities of sucking pest Mite infestation in Brinjal. Farmers may take necessary plant protection measures with the advice of Horticulture officer.

Villupuram

SMS Advisory:

(28.09.2022-29.09.2022) Heavy rain is likely to occur at isolated places over Cuddalore, Kancheepuram, Tiruvannamalai, Vellore, Villupuram, Kallakurichi, Chengalpattu, Tirupattur, and Ranipet districts of Tamilnadu,

Livestock Advisory

1. The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm.

2.The floor of nursery piglet shed must be cleaned with luke warm saline or with any other commercial disinfectant to prevent E.coli infection, which in adverse cases of infection leads to diarrhoea and mortality.

3.The sheep and goat must be vaccinated against Enterotoxaemia infection.

4.To prevent mosquitoes menace the livestock shed may be fumigated with Vitex Negundo dried leaves once in a week

5.The newly kidded doe must be vaccinated with TT (Tetanus Toxide)

6.Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides).

7.Present maximum and minimum temperature is feasible for rabbit production, hence the rabbit may be allowed for individual mating or colony mating.

8.The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

Agricultural 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. 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

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.

Cotton:

Due to prevailing weather condition there are chances of cotton green leaf hopper infestation. To control spray thiamethoxam 25 WG 0.6 gram/litre or imidacloprid 17.8 SL 0.6 ml/litre

Tapioca:

Prevailing weather condition is favorable for mealy bug infestation in tapioca crop. To control spray fluonicamid 50 % WG 60 g/acre or spirotetramat 150 OD 250 ml/acre or thiamethoxan 25 WDG 40 g/acre.

Banana:

Due to prevailing weather condition favorable for sigatoka leaf spot infection in banana crop. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent at 10-15 days interval.

Turmeric:

Prevailing weather condition is favorable for leaf blotch infection in turmeric crop. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent at 10-15 days interval. Provide proper drainage facilities to turmeric crop to avoid rizhome rot. To control apply copper oxy chloride 3.0 g/l or ridomil 1.0 g/l around root zone. Good drainage facility is required.

Villupuram Block level

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

From extended range forecast above normal rainfall, normal maximum temperature and minimum temperature expected for the period of 02.10.2022 to 08.10.2022 over Tamil Nadu. (28.09.2022-29.09.2022) Heavy rain is likely to occur at isolated places over Cuddalore, Kancheepuram, Tiruvannamalai, Vellore, Villupuram, Kallakurichi, Chengalpattu, Tirupattur, and Ranipet districts.

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. 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.
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.
COTTON	Due to prevailing weather condition there are chances of cotton green leaf hopper infestation. To control spray thiamethoxam 25 WG 0.6 gram/litre or imidacloprid 17.8SL 0.6 ml/litre.
Horticulture(Varieties)	Horticulture Specific Advisory
TAPIOCA	Prevailing weather condition is favorable for mealy bug infestation in tapioca crop. To control spray fluonicamid 50 % WG 60 g/acre or spirotetramat 150 OD 250 ml/acre or thiamethoxan 25 WDG 40 g/acre.
BANANA	Due to prevailing weather condition favorable for sigatoka leaf spot infection in banana crop. To control spray carbendazim 1.0g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent at 10-15 days interval.
TURMERIC	1. Prevailing weather condition is favorable for leaf blotch infection in turmeric crop. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent at 10-15 days interval. 2. Provide proper drainage facilities to turmeric crop to avoid rizhome rot. To control apply copper oxy chloride 3.0 g/l or ridomil 1.0 g/l around root zone. Good drainage facility is required.

Tiruvannamalai

SMS Advisory:

(28.09.2022-29.09.2022) Heavy rain is likely to occur at isolated places over Cuddalore, Kancheepuram, Tiruvannamalai, Vellore, Villupuram, Kallakurichi, Chengalpattu, Tirupattur, and Ranipet districts of Tamilnadu,

Livestock Advisory

- 1.The floors in the livestock shelter must be cleaned and maintained damp free to prevent water logging, Moreover the floors must be sprinkled with bleaching powder to maintain biosecurity in farm.
- 2.The floor of nursery piglet shed must be cleaned with luke warm saline or with any other commercial disinfectant to prevent E.coli infection, which in adverse cases of infection leads to diarrhoea and mortality.
- 3.The sheep and goat must be vaccinated against Enterotoxaemia infection.
- 4.To prevent mosquitoes menace the livestock shed may be fumigated with Vitex Negundo dried leaves once in a week
- 5.The newly kidded doe must be vaccinated with TT (Tetanus Toxide)
- 6.Sporadic incidence of Blue Tongue infection may occur in small ruminants. Hence stringent measures must be taken to control fly vector, (Culicoides).
- 7.Present maximum and minimum temperature is feasible for rabbit production, hence the rabbit may be allowed for individual mating or colony mating.
- 8.The stagnated water around the poultry farms must be cleared immediately, to avoid the development of intermediate host of poultry cestode which tends to develop in stagnated water.

Agricultural advisory

Rice:

Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpond irrigation. Harvest the matured crops and store in safe places.

Groundnut:

Harvest the matured crops and store in safe places.

Black gram:

Provide drainage for black gram crop. Harvest the matured crops and store in safe places

Brinjal:

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

Tomato:

Provide drainage for tomato field. To avoid irrigation

Chilli:

Provide drainage for chilli field. To postpond irrigation.

Tiruvannamalai Block level

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 above normal rainfall and normal temperature for the period of 02.10.2022 to 08.10.2022. Moderate rainfall

may be expected on forthcoming days. So, farmers are advised to avoid fertilizer application, insecticides or pesticides spray . (28.09.2022-29.09.2022) Heavy rain is likely to occur at isolated places over Cuddalore, Kancheepuram,Tiruvannamalai,Vellore,Villupuram, Kallakurichi, Chengalpattu, Tirupattur, and Ranipet districts.

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. Harvest the matured crops and store in safe places.
GROUNDNUT	Harvest the matured crops and store in safe places.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Since rain is anticipated, provide drainage for brinjal field. To avoid irrigation.
TOMATO	Provide drainage for tomato field. To avoid irrigation.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Give 50% of dry fodder (to prevent diarrhoea) and 50% of green fodder. Give dewormers to calves below 3 months give Vaccination against Black quarter (BQ) and Hemorrhagic Septi Cemia (HS). Apply external parasiticide to prevent spread of protozoan diseases.
GOAT	First deworm the sheep and Goat . After one week give PPR Vaccine. After one month give Enterotoxaemia (ET) Vaccine. Spray lime powder two times per week on ground to prevent hoof ulcer. Give Bolus sulphadimidine one for larger animals and 1/4 to kid or lamb.

Tiruvallur

From extended range forecast Above normal rainfall, normal maximum temperature and minimum temperature expected for the period of 02.10.2022 to 08.10.2022 over Tamil Nadu. Light to moderate rainfall expected on forthcoming days. So farmers are advised to provide proper drainage to crop.

Crop(Varieties)	Crop Specific Advisory
RICE	1. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g; 2.Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water.
GROUNDNUT	Leaf Miner- Spray Methyl demeton 25 EC 400 ml per acre in 200 litres of water; Set up light trap between 8 and 11 pm at ground level.
JASMINE	Bud worm- 1.Use light trap to attract and kill the adult moths; 2.Spray NSKE 5% or Spray thiacloprid 240 SC @ 2 ml/lit; 3.Proper pruning and hygienic maintenance of bushes
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	1.Whitefly- Spray Neem oil 3% (or) Spray Thiamethoxam 25 % WG 4.0 g/10 l and Monitor the whitefly with yellow sticky trap @ 5-6 / acre; 2.Stem Bore- i).Light trap @1/ha to attract and kill adults. ii).Spray neem oil 2ml/lit .

Vellore

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may receive above normal rainfall and normal temperature for the period of 02.10.2022 to 08.10.2022. Moderate rainfall may be expected on forthcoming days. So, farmers are advised to avoid fertilizer application, insecticides or pesticides spray. 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 postpone irrigation. Harvest the matured crops and store in safe places.
GROUNDNUT	Harvest the matured crops and store in safe places.
BLACK GRAM	Provide drainage for black gram crop. Harvest the matured crops and store in safe places.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Since rain is anticipated, provide drainage for brinjal field. To avoid irrigation.
TOMATO	Provide drainage for tomato field. To avoid irrigation.
CHILLI	Provide drainage for chilli field. To avoid irrigation.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Give 50% of dry fodder (to prevent diarrhoea) and 50% of green fodder. Give dewormers to calves below 3 months give Vaccination against Black quarter (BQ) and Hemorrhagic Septicemia (HS). Apply external parasiticide to prevent spread of protozoan diseases.
GOAT	First deworm the sheep and Goat. After one week give PPR Vaccine. After one month give Enterotoxaemia (ET) Vaccine. Spray lime powder two times per week on ground to prevent hoof ulcer. Give Bolus sulphadimidine one for larger animals and 1/4 to kid or lamb.
Poultry(Varieties)	Poultry Specific Advisory
HEN	Give powder Amprolium or Rancox or super cox in drinking water for bloody diarrhea or Coccidiosis.

Cuddalore

From extended range forecast above normal rainfall, normal maximum temperature and minimum temperature expected for the period of 02.10.2022 to 08.10.2022 over Tamil Nadu. Light rainfall expected on forthcoming days. So farmers are advised to provide proper drainage to crop.

Crop(Varieties)	Crop Specific Advisory
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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. 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.
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.
COTTON	Due to prevailing weather condition there are chances of cotton green leaf hopper infestation. To control spray thiamethoxam 25 WG 0.6 gram/litre or imidacloprid 17.8SL 0.6 ml/litre.
Horticulture(Varieties)	Horticulture Specific Advisory
TAPIOCA	Prevailing weather condition is favorable for mealy bug infestation in tapioca crop. To control spray fluonicamid 50 % WG 60 g/acre or spirotetramat 150 OD 250 ml/acre or thiamethoxan 25 WDG 40 g/acre.
BANANA	Due to prevailing weather condition favorable for sigatoka leaf spot infection in banana crop. To control spray carbendazim 1.0g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent at 10-15 days interval.
TURMERIC	1. Prevailing weather condition is favorable for leaf blotch infection in turmeric crop. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent at 10-15 days interval. 2. Provide proper drainage facilities to turmeric crop to avoid rizhome rot. To control apply copper oxy chloride 3.0 g/l or ridomil 1.0 g/l around root zone. Good drainage facility is required.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	1. Light to heavy rainfall expected on forthcoming days, so farmers are advice to harvest mature crop and store harvest crop in godowns or cover with tarpolin. 2. High wind speed expected sometimes, so farmers are advised to prop the moringa and banana crops. 3. Light to heavy rainfall expected on forthcoming days. So advised to stop spraying and fertilizer application.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected in western zone during next five days. Irrigation may be provided based on the soil moisture. By utilizing the light rainfall, land preparation may be initiated in rainfed black soil towards pre monsoon sowing.

		Since only light drizzling is expected in forth coming days, sorghum/ millets and groundnut may be harvested and sun dried.
Rice		Prevailing weather condition is conducive for the leaf folder in rice. Hence farmers are requested to monitor the pest and spray if required chloraltraniliprole 18.5 Sc @ 0.3ml / liter of water.
Groundnut	Harvest	In some pockets sucking pest is seen in Groundnut crop. It is requested to spray imdachlorobid 78.8 SI @ 3ml/10 liter of water.
Cotton	Sowing	Due to high soil moisture and relative humidity, flower shedding in cotton crop can be arrested by spraying NAA 40 PPM in 60 - 90 days after sowing. (40 mg of NAA dissolved in 1 liter of water will give the concentration of 40 PPM). To arrest the terminal growth nipping the terminal portion of the main stem beyond the 15 th node.
Sugarcane		Provide propping for early season and midseason planted canes against lodging with heavy wind anticipated in Coimbatore district. 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.
Tomato	Planting	Leaf minor is observed in Tomato due to prevailing weather. To control spray 5 per cent Neem Seed Kernel Extract during non rainy period.
Banana		Expected Wind speed is more than 5-6 km per hour with rainfall, hence five months old banana may be provided with support against lodging. Avoid irrigation.
Coconut		If sufficient moisture is available green manure crop may be sown in Coconut garden to increase the fertility of soils.
Turmeric		Due to continuous rainfall, micronutrient deficiency is observed irrigated turmeric. Hence, spray 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. Prevailing cloudy weather with high relative humidity with drizzling is favorable for the sigatoka leaf spot in turmeric hence farmers are requested to monitor the crop and spray if required chlorothalanil @ 2g per liter of water or propiconazole @ 2ml per liter of water. In some pockets prevailing continuous dry weather is favorable for the thrips attack in turmeric and hence farmers are requested to monitor the crop carefully and spray if required Dimeothate @ 2ml per liter of water.
Animal		Farmers are advised not to allow their animals to graze near pond or lake areas to avoid fluke infestation. Heavy wind and cloudiness may cause thirst for water in animals. Hence, provide adequate clean drinking water. Season is more favourable foot and mouth disease in animals. Farmers are advised to do Vaccination to the animals in nearby Veterinary hospitals.

SMS advisory

If sufficient moisture is available green manure crop may be sown in Coconut garden to increase the fertility of soils.

Erode

Agro Advisory

Crop	Stage	Advisory
General		<p>Light rainfall is expected in western zone during next five days. Irrigation may be provided based on the soil moisture.</p> <p>By utilizing the light rainfall, land preparation may be initiated in rainfed black soil towards pre monsoon sowing.</p> <p>Since only light drizzling is expected in forth coming days, sorghum/ millets and groundnut may be harvested and sun dried.</p>
Rice		<p>Prevailing weather condition is conducive for the leaf folder in rice. Hence farmers are requested to monitor the pest and spray if required chloraltraniiprole 18.5 Sc @ 0.3ml / liter of water.</p>
Groundnut	Harvest	<p>In some pockets sucking pest is seen in Groundnut crop. It is requested to spray imdachlorobid 78.8 SI @ 3ml/10 liter of water.</p>
Cotton	Sowing	<p>Due to high soil moisture and relative humidity, flower shedding in cotton crop can be arrested by spraying NAA 40 PPM in 60 - 90 days after sowing. (40 mg of NAA dissolved in 1 liter of water will give the concentration of 40 PPM). To arrest the terminal growth nipping the terminal portion of the main stem beyond the 15th node.</p>
Sugarcane		<p>Provide propping for early season and midseason planted canes against lodging with heavy wind anticipated in Coimbatore district.</p> <p>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.</p>
Tomato	Planting	<p>Leaf minor is observed in Tomato due to prevailing weather. To control spray 5 per cent Neem Seed Kernel Extract during non rainy period.</p>
Banana		<p>Expected Wind speed is more than 5-6 km per hour with rainfall, hence five months old banana may be provided with support against lodging. Avoid irrigation.</p>
Coconut		<p>If sufficient moisture is available green manure crop may be sown in Coconut garden to increase the fertility of soils.</p>
Turmeric		<p>Due to continuous rainfall, micronutrient deficiency is observed irrigated turmeric. Hence, spray 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.</p> <p>Prevailing cloudy weather with high relative humidity with drizzling is favorable for the sigatoka leaf spot in turmeric hence farmers are requested to monitor the crop and spray if required chlorothalanil @ 2g per liter of water or propiconazole @ 2ml per liter of water.</p> <p>In some pockets prevailing continuous dry weather is favorable for the thrips attack in turmeric and hence farmers are requested to monitor the crop carefully and spray if required Dimeothate @ 2ml per liter of water.</p>
Animal		<p>Farmers are advised not to allow their animals to graze near pond or lake areas to avoid fluke infestation.</p> <p>Heavy wind and cloudiness may cause thirst for water in animals.</p>

		Hence, provide adequate clean drinking water. Season is more favourable foot and mouth disease in animals. Farmers are advised to do Vaccination to the animals in nearby Veterinary hospitals.
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SMS advisory

If sufficient moisture is available green manure crop may be sown in Coconut garden to increase the fertility of soils.

Tiruppur

Agro advisory

Crop	Stage	Advisory
General		Light rainfall is expected in western zone during next five days. Irrigation may be provided based on the soil moisture. By utilizing the light rainfall, land preparation may be initiated in rainfed black soil towards pre monsoon sowing. Since only light drizzling is expected in forth coming days, sorghum/ millets and groundnut may be harvested and sun dried.
Cotton	Sowing	Due to high soil moisture and relative humidity, flower shedding in cotton crop can be arrested by spraying NAA 40 PPM in 60 - 90 days after sowing. (40 mg of NAA dissolved in 1 liter of water will give the concentration of 40 PPM). To arrest the terminal growth nipping the terminal portion of the main stem beyond the 15 th node.
Sugarcane		Provide propping for early season and midseason planted canes against lodging with heavy wind anticipated in Coimbatore district. 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.
Tomato	Planting	Leaf minor is observed in Tomato due to prevailing weather. To control spray 5 per cent Neem Seed Kernel Extract during non rainy period.
Banana		Expected Wind speed is more than 5-6 km per hour with rainfall, hence five months old banana may be provided with support against lodging. Avoid irrigation.
Coconut		If sufficient moisture is available green manure crop may be sown in Coconut garden to increase the fertility of soils.
Animal		Farmers are advised not to allow their animals to graze near pond or lake areas to avoid fluke infestation. Heavy wind and cloudiness may cause thirst for water in animals. Hence, provide adequate clean drinking water. Season is more favourable foot and mouth disease in animals. Farmers are advised to do Vaccination to the animals in nearby Veterinary hospitals.

SMS advisory

If sufficient moisture is available green manure crop may be sown in Coconut garden to increase the fertility of soils.

Nilgiris

To prevent cut worms' infestation in hill vegetable crops, light traps can be fixed and operated from 7 pm to 10 pm to attract adults. Green manure crops namely Lupin, Buckwheat can be grown as crop rotation for control of nematodes and damping off disease in the soil.

Crop(Varieties)	Crop Specific Advisory
CARROT	In carrot crops during before sowing, Application of neem cake @ 1 ton/ha at planting to reduce the nematode attack to the crops in the field.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

Agro Advisory

Crop	Stage	Advisory
General		Farmers are advised to provide adequate drainage facilities to all crops due to moderate to heavy rainfall forecast.
		Postpone irrigation to all crops.
Rice	Main field	In samba paddy one hand weeding is to be given on 20 to 25 days after transplanting.
Cattle	Cow and Goat	Since the onset of rainy season may attract mosquitoes breeding, farmers are advised to give Notchi leaves fumigation in dairy barn.

SMS advisory

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

Dindigul

Extended range Forecast for next week (30 Sep – 06th Oct 2022): Rainfall: As per extended range predictions, there is possibility of above normal- normal rainfall likely over the district during 30 Sep to 06 Oct 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 30 Sep to 06 Oct 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 24°C over the district during next week 30 Sep to 06 Oct 2022. Chances of light on 28 Sep & Moderate rain during 29, 30 Sep, 1 Oct. Max temp-35°C-36°C & Min temp -24°C-25°C. Generally cloudy sky for next 5 days. Wind speed 8- 10 kmph from NW & W directions.

Crop(Varieties)	Crop Specific Advisory
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MAIZE	There are chances of the incidence of fall Armyworm widely in the Maize fields. As a preventive method, apply 100kg Neem cake per acre and spray 2gms of Bacillus Thuringiensis per litre of water. After the invasion of Fall Army Worm, fix Pheromone traps @ 20Nos. per acre to attract and kill the moths. To control, prepare a solution using 10 litres of water with 100ml Neem oil, 3 teaspoon lime powder, 3 teaspoon turmeric powder, 500ml cow urine, sticking agent or soap, 8 small pellets of Camphor, 50ml of spirit (First dissolve the camphor with spirit and add it with the solution) stir well and spray the solution on the top of the shoot.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	The utensils used for milking can become grossly contaminated by bacteria on ancillary equipment which must also be cleaned and disinfected effectively. Refrigerated bulk milk tanks can be cleaned either manually using cold or warm detergent/disinfectant solutions, or for the larger tanks, by automatic, programmed equipment. In either case, cold water chlorinated (50 ppm) rinse proceeds and follows the washing solution. They should then be stored in the dairy to drain.

Madurai

Extended range Forecast for next week (30 Sep – 06th Oct 2022): Rainfall: As per extended range predictions, there is possibility of above normal- normal rainfall likely over the district during 30 Sep to 06 Oct 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 30 Sep to 06 Oct 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 24°C over the district during next week 30 Sep to 06 Oct 2022. Chances of Moderate on 29 Sep & light rain on 30. Max temp-35°C-36°C & Min temp -24°C-25°C. Generally cloudy sky for next 5 days. Wind speed 8- 10 kmph from NW & W directions.

Crop(Varieties)	Crop Specific Advisory
RICE	The incidence of false smut may be noticed in rice. The damage symptoms are individual rice grain transformed into a mass of yellow fruiting bodies and infected grain has greenish smut balls with a velvety appearance. If symptoms are observed in field, spray Propiconazole 25 EC @ 200 ml/ac or Copper hydroxide 77% WP 500 g/ac with 200 litre of water
GROUNDNUT	Due to the current weather, leaf miner incidence was sporadically recorded in Groundnut. Hence, the farmers are advised to monitor the insect using light traps @ 1 No. per hectare. If the pest attack increases and crosses the ETL level, farmers can spray Neem seed kernel extract 5% (50ml per litre of water) if needed.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	The utensils used for milking can become grossly contaminated by bacteria on ancillary equipment which must also be cleaned and disinfected effectively. Refrigerated bulk milk tanks can be cleaned either manually using cold or warm detergent/disinfectant solutions, or for the larger tanks, by automatic, programmed equipment. In either case, cold water

	chlorinated (50 ppm) rinse proceeds and follows the washing solution. They should then be stored in the dairy to drain.
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Pudukottai

The Kuruvai season is the optimal time to harvest paddy as less rain is expected in the next three days harvested paddy grains should be stored in a dry places. As rainfall is expected, harvested kuruvai season paddy grains should be stored in a dry places.

Crop(Varieties)	Crop Specific Advisory
RICE	With the prevailing weather condition, in dry seeded Rain fed Paddy, it is time for application of Manures and Fertilizer. Farmers are advised to apply 50kg N, 28kg P, 25kg K per hectare as blanket recommendation and apply N and K in two equal splits as 12.5kg at 20 - 25 and 40 - 45 days after germination.
RICE	Farmers who are planning to cultivate SRI paddy in the Samba season have a very low seed rate of - 5 kg / ha. Planting of seedlings at the age of 14 days. At 10,20,30,40 days after planting, weeds should be dipped in the soil and fertilized using a conoweeder Applying nitrogen fertilizers using leaf color card. By adopting such technologies the cost of production decreases and yields increase, increasing the income of farmers.
COW	Before monsoon ensure that cows and buffaloes were vaccinated against food and mouth disease.
GOAT	Farmers are advised to fumigate the goat shed With Notchi leaves to prevent fly attack.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
RAIN WATER HARVESTING	As the rains are expected, the farmers have to clean the canals and water bodies and carry out rain water harvesting activities.
RAIN WATER HARVESTING	Farmers who cultivate fodder crops under rainfed conditions can use the expected rainfall to conserve moisture by setting up mulch or mulch with crop or plant variety wastes to obtain higher fodder yields.

Ramanathapuram

From extended range forecast, Above normal rainfall, Normal maximum temperature and Minimum temperature expected for the period of October 2 to October 8 over Tamil Nadu. Apply micro-nutrient 5kg/ac to the soil before paddy sowing for better growth and development.

Crop(Varieties)	Crop Specific Advisory
RICE	On the day of sowing, hardening the seeds with 1% KCl for 6 hours and 16 hours of shade dried the seeds to bring the storable moisture and Early and uniform establishment and growth.
RICE	Farmers are advised to sown drought tolerant rice varieties like Anna 4, Co 51, ADT45 and CO 53

Sivagangai

Extended range Forecast for next week (30 Sep – 06th Oct 2022): Rainfall: As per extended range predictions, there is possibility of above normal- normal rainfall likely over the district during 30 Sep to 06 Oct 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 30 Sep to 06 Oct 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 24°C over the district during next week 30 Sep to 06 Oct 2022. Chances of light on 28, 30 Sep & Moderate rain on 29 Sep. Max temp-35°C-36°C & Min temp -24°C-25°C. Generally cloudy sky for next 5 days. Wind speed 8- 10 kmph from NW & W directions.

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	The application of Gypsum is important for the Groundnut crop. Apply gypsum @ 400 kg/ha by the side of the plants on the 40th to 45th day of sowing for irrigated crops and on the 40th to 75th day of sowing for rain-fed crops. Apply gypsum, hoe and incorporate in the soil and then earth up. Gypsum is effective in calcium and Sulphur deficient soils.
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	As a preventive measure, to prevent the Chilly plants from root rot disease, soil application of organic amendments viz., neem seed powder @ 0.05g/kg, neem cake @ 0.15g/kg and mint manure @ 0.75g/kg can be done for two weeks before transplanting. Soil drenching of the fungicides viz., Tebuconazole 0.1%, Carboxin 0.25% and Chlorothalonil 0.20% at 7 days after transplanting can effectively control the disease.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	The utensils used for milking can become grossly contaminated by bacteria on ancillary equipment which must also be cleaned and disinfected effectively. Refrigerated bulk milk tanks can be cleaned either manually using cold or warm detergent/disinfectant solutions, or for the larger tanks, by automatic, programmed equipment. In either case, cold water chlorinated (50 ppm) rinse proceeds and follows the washing solution. They should then be stored in the dairy to drain.

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Extended range Forecast for next week (30 Sep – 06th Oct 2022): Rainfall: As per extended range predictions, there is possibility of above normal- normal rainfall likely over the district during 30 Sep to 06 Oct 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 26°C to 32°C over the plains of the district during next week. 30 Sep to 06 Oct 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 24°C over the district during next week 30 Sep to 06 Oct 2022.

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Kind attention to Coconut farmers. Button shedding is noticed in coconut fields. To control button shedding, farmers are advised to go with the root feeding of Coconut Tonic of TNAU @ 200ml/Tree. This can be continued at 6-month

	intervals.
BANANA	The incense of Rhizome weevil was noticed in the Banana. It grubs bore into the rhizome and cause the death of the plant. The presence of dark-coloured tunnels is seen in the rhizomes. Death of unopened pipe, and withering of outer leaves are the other symptoms. Apply castor cake 250g per pit before planting which prevents infestation. Soil incorporation at the time of planting with 60-100g of Neem kernel powder or Neem cake. Plant protection activities can be done, only on non-rainy days.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	The utensils used for milking can become grossly contaminated by bacteria on ancillary equipment which must also be cleaned and disinfected effectively. Refrigerated bulk milk tanks can be cleaned either manually using cold or warm detergent/disinfectant solutions, or for the larger tanks, by automatic, programmed equipment. In either case, cold water chlorinated (50 ppm) rinse proceeds and follows the washing solution. They should then be stored in the dairy to drain.

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
	<p>There are possibilities of rainfall during the fourth coming five days. Maximum temperature will be around 33 - 34°C and minimum temperature ranged from 24 - 25°C. Mostly cloudy condition may prevail. The relative humidity will be 56 to 80 %. Wind speed may be 10 - 12 km / hr in West direction.</p>		
1.	Coconut	All stages	Bury husks @100 Nos. with concave surface facing upwards or 25 kg of coir pith / palm in circular trenches, dug 30 cm width and 60 cm depth at 1.5 meters radius - preserves the monsoon rains.
2.	Rice	Harvesting stage	As rainfall is expected, harvested paddy grains should be stored in a dry places.
3.	Horticultural crops	All stage	As rainy weather is expected in the coming days strengthening the basins for fruit trees and tree spices may be taken up for better harvesting of rains.
4.	Pineapple	Harvest stage	Harvest should be done when the colour of base of the fruit is slightly changed.

SMS Advisory

Irrigation should be given to Rice, Banana, Coconut, Rubber, Black Pepper and other horticultural crops due to low rainfall.

Salem

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, and Crop	Poultry	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:			
Crops		General	Light rain is expected to occur in the forthcoming days. Hence avoid irrigation, facilitate drainage and avoid spraying. To sustain the soil health avoid cultivating the same crop and adopt crop rotation practice. 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. seed treatment with <i>T. viride</i> @ 4g or <i>P. fluorescens</i> @ 1g/kg or Bacillus subtilis before sowing of crop can control the incidence root rot diseases
Chilli		Vegetative	High temperature followed by cloudy sky with drizzling may favour incidence of thrips in Chilly. To avoid damage spraying of Emamectin benzoate 5%SG @ 4g/10 lit.(or) Spinosad 45 %SC @ 3.2ml/10lit may be done.
Tomato		Vegetative	Leaf minor is observed in Tomato due to prevailing weather. To control spray 5 per cent Neem Seed Kernel Extract during non rainy period
Ladies finger		Vegetative	There are chances of occurrence of powdery mildew in ladies finger, to control the fungal growth, spray carbendazim 200 g/ac or mancozeb 500g/ac.
Ground nut		Vegetative	Since light to moderate rain is expected, Protect the harvested crop from rain
Turmeric		Vegetative	Due to continuous rainfall, micronutrient deficiency is observed irrigated turmeric. Hence, spray 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. Prevailing cloudy weather with high relative humidity with drizzling is favorable for the sigatoka leaf spot in turmeric hence farmers are requested to monitor the crop and spray if required chlorothalanyl @ 2g per liter of water or propiconazole @ 2ml per liter of water.
Paddy		Vegetative	In rice for the management of blast, treat the seeds with Carbendazim or Tricyclozole at 2 /lit of water for 1 kg of seed for 2 h before sowing or spray Metominostrobin 20 SC @ 500ml/ha (or) Azoxystrobin 25 SC @ 500 ml/ha.
Jasmine		Vegetative	Higher temperature and humidity favours the incidence of Bud worm in jasmine, to control the pest damage Collect and destroy infested flowers along with larvae at least once in a week. Proper pruning and hygienic maintenance of the bushes helps to minimize the pest incidence. Set up light trap to attract and kill the adult moths. Spraying of neem seed kernal extract (NSKE) at 5 per cent level is found effective. Spray thiacloprid 24 SC at 1 ml per litre of water to control the pest population.
Cotton		General	Adopting crop rotation with non-preferred hosts such as sorghum, ragi, maize etc., for the white fly to check the build up of the pest. Removal and destruction of alternate weed hosts. Monitoring the activities of the adult white flies by setting up yellow pan traps and sticky traps at 1 feet height above the plant canopy and also in situ counts. Spraying of Neem seed kernel

		extract 5% (50 kg) and neem oil at 5 ml/l of water or Notchi leaves 5% extract and <i>Catharanthus roseus</i> extract 5%. Spraying of Acetamiprid 20% SP 100 g/ha or Chlorpyrifos 20% EC 1250 ml/ha can control the damage.
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
Banana	Vegetative	Due to prevailing weather condition favorable for sigatoka leaf spot infection in banana crop. To control spray Carbendazim 0.1 % or Propiconazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval.
Mango	Vegetative	To control the hopper incidence in mango spray Wettable sulphur @ 25 g/10 l or 6 g/10l Acetamiprid or thiamethoxam 6g/10 l of water.
Chick	General	During brooding of young chicks in brooder, artificial heat should be given by using incandescent bulb at the rate of 2 watt / chick. Silpaulins / tarpaulins should be placed on either side of poultry house to prevent entry of rain water inside the shed.
Sheep	General	Control of external parasites like ticks, mites, flies should be done through "Dipping". By this animals can be protected from most of the protozoal diseases. Deworming should be done to control the internal parasites.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	In Tamil Nadu, calving and lambing season usually coincides with monsoon. During parturition minor laceration & abrasions in the reproductive tract likely to occur, besides discharges (post – partum) would attract the myiasis producing flies to deposit their eggs, leading to wound myiasis. Hence, if such lesions occur, fly repellents like neem oil / ointment may be applied to prevent myiasis.
Poultry	General	In the recent days, there has been a rainy day followed by shine days in a week, this prevailing temperature and relative humidity is found to be an ideal condition for fly breeding. This has led to a high fly population in poultry farms. A simple technique is commonly practised to monitor fly population is spot card, which helps to take decision on fly control measures at an appropriate time. A white paper of size 5 x 3 inch mounted on a cardboard with pin and keep 5 – 10 spot cards / shed for 24 hour. After 24 hour, cards are collected and fly specks (spots) (faecal and vomit drops) can be counted to arrive approximate number of flies. If the fly spots are above 100, necessary control measures have to be taken. To control fly menace, the farm premises should be maintained hygienically through replacement of faulty nipples, proper disposal of

		dead birds and broken eggs. If fly intensity is high the birds should be fed with IGR mixed feed.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Maize	Vegetative stage	Fall army worm incidence was noticed in many places of the district. Hence, farmers are advised to do spray chlorantraniliprole 18.5 sc 1 ml / 1 litre of water to control fall armyworm pest in maize.
Vegetable crops	Vegetative stage	Vegetable growers are requested to apply 20 gram of arka microbial consortia alongwith 10 kg well decomposed farmyard manure or 1 kg vermicompost or 1 kg enriched compost as soil application. Also, can go for foliar spraying with 20 gram of arka microbial consortia in liter of water.
Banana	General	KVK, Namakkal entered in to MoA with national research centre for banana Trichy and got TOT for banana shakti micronutrient formulation. Since April 2022 KVK, Namakkal has started producing and selling banana shakti. Hence, banana growers could purchase banana shakti from KVK, Namakkal cost basis @ Rs – 250 / kg.
Black gram and Green gram	Sowing season	New black gram (VBN – 11) and green gram (VBN – 4) varieties to be selected for purattasi season sowing for seed production purpose to achieve high grain yield and fetch higher farm income.

Dharmapuri

General Advisory

As light to Moderate rainfall is expected for this week. Postpone the irrigation .Based on the crop needed Irrigation and Spraying of chemicals may be given. High relative humidity with moderate wind speed is conducive for disease spread. So, farmers are advised to take the prophylactic measures to control the disease spread and to protect the livestock, poultry and pets.

Crop/ Ecosystem	Stage / Activities	Advisories
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.
Chilli	Vegetative stage	Chilli -Thrips incidence spraying of Emamectin benzoate 5%SG @4g/10 lit.(or)Spinosad 45 % SC @ 3.2ml/10lit.
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.
Tomato	Vegetative stage	Tomato- Early blight incidence Spray of hexaconazole 5% SC @ 1ml/l or propiconazole 25% EC @ 1 ml/l at 30 and 50 days after planting.
Jasmine	Flowering stage	Prevailing weather is conducive for Blossom midge. Spray Thiamethoxam 2.5% WG @ 0.75 g/litre (or) Novaluron 3ml/lit., of water.
Turmeric	Vegetative stage	Turmeric – leaf spot incidence affected leaves, elliptic or oblong spots with yellow halo are seen. The centre of spots are grayish white and then with numerous black dots in centre As the disease advances, the leaves dry up and give a scorched appearance. For control measure is spraying of propiconazole @ 500 ml/ha.

SMS: Rain: Light to Moderate rainfall, Turmeric – Leaf spot incidence spray propiconazole @ 500 ml/ha.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	In Tamil Nadu, calving and lambing season usually coincides with monsoon. During parturition minor laceration & abrasions in the reproductive tract likely to occur, besides discharges (post – partum) would attract the myiasis producing flies to deposit their eggs, leading to wound myiasis. Hence, if such lesions occur, fly repellents like neem oil / ointment may be applied to prevent myiasis.
Poultry	General	In the recent days, there has been a rainy day followed by shine days in a week, this prevailing temperature and relative humidity is found to be an ideal condition for fly breeding. This has led to a high fly population in poultry farms. A simple technique is commonly practised to monitor fly population is spot card, which helps to take decision on fly control measures at an appropriate time. A white paper of size 5 x 3 inch mounted on a cardboard with pin and keep 5 – 10 spot cards / shed for 24 hour. After 24 hour, cards are collected and fly specks (spots) (faecal and vomit drops) can be counted to arrive approximate number of flies. If the fly spots are above 100, necessary control measures have to be taken. To control fly menace, the farm premises should be maintained hygienically through replacement of faulty nipples, proper disposal of dead birds and broken eggs. If fly intensity is high the birds should be fed with IGR mixed feed.
Agro advisory from Krishi Vigyan Kendra		
Maize	Vegetative stage	Fall army worm incidence was noticed in many places of the district. Hence, farmers are advised to do spray chlorantraniliprole 18.5 sc 1 ml / 1 litre of water to control fall armyworm pest in maize.
Vegetable crops	Vegetative stage	Vegetable growers are requested to apply 20 gram of arka microbial consortia alongwith 10 kg well decomposed farmyard manure or 1 kg vermicompost or 1 kg enriched compost as soil application. Also, can go for foliar spraying with 20 gram of arka microbial consortia in liter of water.
Banana	General	KVK, Namakkal entered in to MoA with national research centre for banana Trichy and got TOT for banana shakti micronutrient formulation. Since April 2022 KVK, Namakkal has started producing and selling banana shakti. Hence, banana growers could purchase banana shakti from KVK, Namakkal cost basis @ Rs – 250 / kg.
Black gram and Green gram	Sowing season	New black gram (VBN – 11) and green gram (VBN – 4) varieties to be selected for purattasi season sowing for seed production purpose to achieve high grain yield and fetch higher farm income.

Karaikal

Agro Advisory

Crop/ Livestock	Stage/ Particulars	Agro Advisory
Rice	Main field preparation	Before planting or direct sowing, efficient drainage facilities may be provided to avoid flooding of fields.
	Sowing	For direct seeded rice, sowing may be done up to 30 th September.
	Fertilizer application	Apply urea @ 37 kg/ha, DAP @ 100 kg/ha, potash @ 25 kg/ha, zinc sulphate @ 25 kg/ha and gypsum @ 500 kg/ha as basal for samba paddy crop before transplanting.
		For direct seeded rice, apply 50 kg of P ₂ O ₅ /ha as basally in the last plough and level the field to have uniform crop stand and provide shallow trenches (15 cm width) at an interval of 3 m all along the field to facilitate the draining of excess water in case of heavy rainfall at the early growth stage of rice.
	Weeding	In paddy, to control weeds in nursery area of 800 m ² , apply pre-emergence herbicide Butachlor 160 ml at 8 th DAS with sand.
		To manage weeds in direct wet seeded rice, apply pyrazosulfuron ethyl @ 200 g/ha at 3-5 days after sowing.
	To manage weeds in direct dry seeded rice, apply pendimethalin @ 3.3 l/ha on 3 days after sowing (DAS) followed by bispyripac sodium @ 200 ml/ha as early post emergence (20 DAS) and followed by hand weeding on 40 DAS to manage weeds.	
Cattle	Paddy straw enriching	During rainy days, urea enriched paddy straw can be prepared and used for cattle (To enrich 100 kg of paddy straw, dissolve 4 kg urea in 65 litres of water and sprinkle prepared urea solution over the paddy straw and cover it. After 21 days the urea treated paddy straw can be used for feeding).
	Vaccination	Before the onset of monsoon, animals may be vaccinated for Foot and Mouth Disease and Hemorrhagic Septicemia.
	Deworming	Grazing animals that are drinking pond water should be dewormed.

SMS: Light to moderate rain is expected for next few days.

Puducherry

Weather based Agro-Advisories.

Crop	Stage/ Particulars	Agro Advisory
Coconut	Fruiting stage	<p>Pest population occurs round the year but population maximum during June – Sep coinciding with the onset of monsoon.</p> <p>To Control Rhinoceros beetle in coconut, Set up Rhino lure pheromone trap @ 5 traps/ha to trap and kill the beetles.</p> <p>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.</p> <p>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.</p>
General advice		<p>To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.</p> <p>As rain is expected in the coming days, it is advised to provide adequate drainage in the fields.</p> <p>As rains are expected in the coming days, it is advised to harvest and protect the agricultural and horticultural crops that are in harvesting stage.</p>
Rice	Tillering stage	<p>☑ To manage rice leaf folder release Trichogramma chilonis 5cc (1,00,000/ha) at 37, 44, 51 day after planting.</p> <p>☑ Avoid excess application of nitrogen fertilizers.</p> <p>☑ Setup light trap to attract adult moths.</p> <p>☑ Setup T- shaped bird perches for predatory birds to control these pests.</p> <p>☑ Apply cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.</p>
BRINJAL	Fruiting stage	<p>To manage Brinjal shoot borer, apply neem cake 200 kg/ha or spray Emamectin Benzoate 4% SG @ 0.4g/l.</p> <p>To manage tobacco cutworm in brinjal, spray Bacillus thuringiensis 2g/l or Novaluron 10% EC 1 ml/l or flubendamide 0.2 – 0.3 ml/l.</p>

SMS:

Light to Moderate rainfall will be expected in the forthcoming days so, don't spray any chemicals to crop and better to spray chemicals at the time of no rain

Puducherry Block level

Ariankuppam, Ozhukarai, Villianur, Bahour, Mannadipet and Nettapakkam Blocks

Thunderstorm with light to moderate rain is likely to occur one or two places from 28.09.2022 to 2.10.2022. Heavy rain is likely to occur one or two places on 28.09.2022 & 29.09.2022. Light to

Moderate rainfall will be expected in the forthcoming days so, don't spray any chemicals to crop and better to spray chemicals at the time of no rain.

Crop(Varieties)	Crop Specific Advisory
RICE	Tillering stage 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 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.
BRINJAL	Fruiting stage - • To manage Brinjal shoot borer, apply neem cake 200 kg/ha or spray Emamectin Benzoate 4% SG @ 0.4g/l. • To manage tobacco cutworm in brinjal, spray <i>Bacillus thuringiensis</i> 2g/l or Novaluron 10% EC 1 ml/l or flubendamide 0.2 – 0.3 ml/l.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely. • As rain is expected in the coming days, it is advised to provide adequate drainage in the fields. • As rains are expected in the coming days, it is advised to harvest and protect the agricultural and horticultural crops that are in harvesting stage.

