



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

## **DISTRICT LEVEL**

# **Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 079/2022**

For the period 0830 IST, 03<sup>rd</sup> October 2022 to  
0830 IST, 08<sup>th</sup> October 2022

**Issued on Monday, 03<sup>rd</sup> October 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 30.09.22 to 02.10.22 for the State of Tamilnadu & Puducherry

### Temperature:

Maximum Temperature of range **29°C – 38°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **15°C – 21°C** during the period.

Minimum temperature of range **20°C - 27°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **09°C - 11°C** during the same period.

### Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	--	--
Isolated (One or Two Places)	30.09.22, 01.10.22 & 02.10.22	Tamil Nadu
Dry	30.09.22, 01.10.22 & 02.10.22	Puducherry

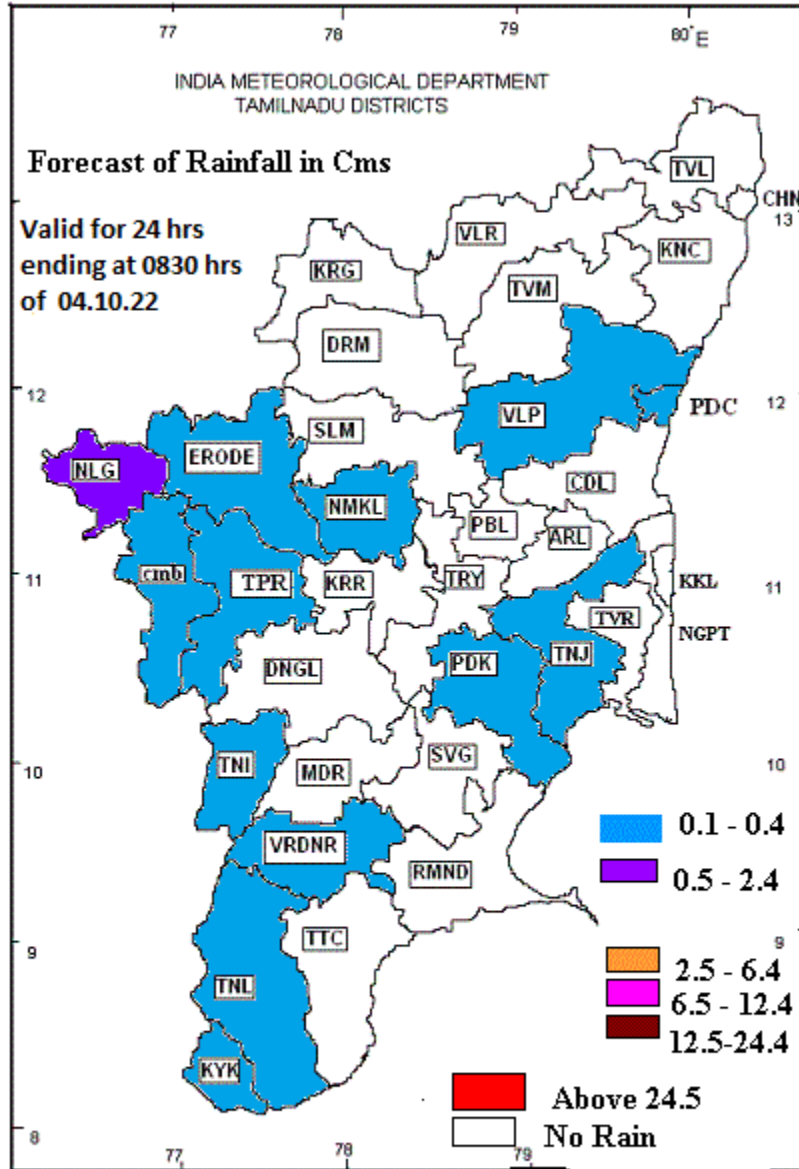
### Chief Amounts of Rainfall (in cms):-

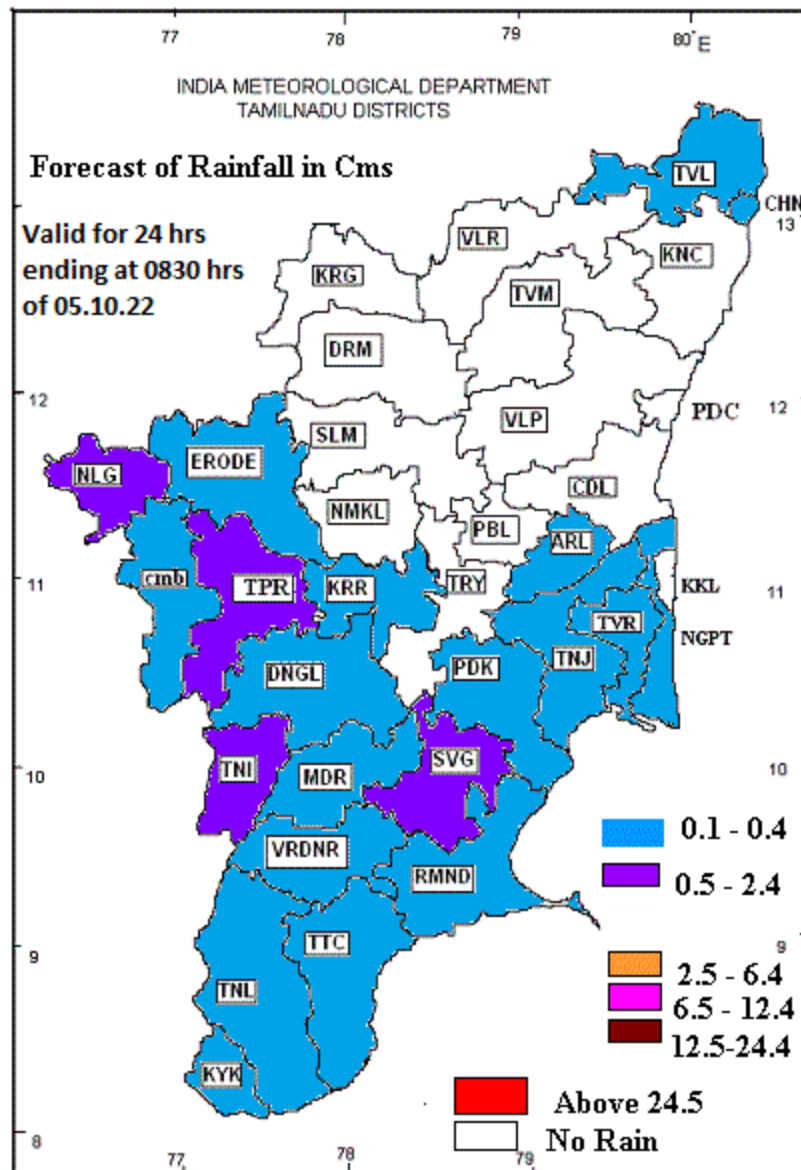
**30.09.22** : Mahabalipuram (dist Chengalpattu) 3, Mettupatti (dist Madurai) 2, Tirumangalam (dist Madurai), Wallajah (dist Ranipet), Vembakkam (dist Tiruvannamalai), Arcot (dist Ranipet), MRC Nagar ARG (dist Chennai) 1 each.

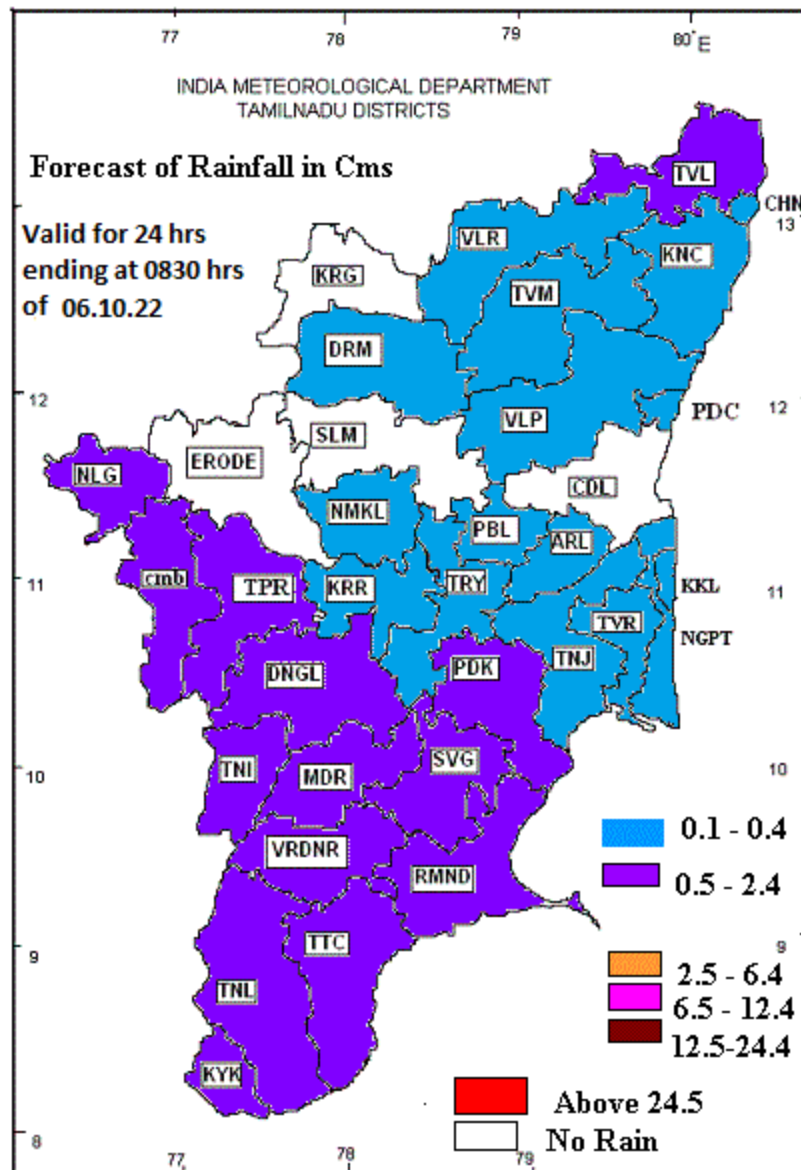
**01.10.22** : Vepur (dist Cuddalore) 3, Vadapudupattu (dist Tirupattur), Rayakottah (dist Krishnagiri), Thali (dist Krishnagiri), Koratur (dist Tiruvallur), Denkanikottai (dist Krishnagiri), Uthukottai (dist Tiruvallur), Dharmapuri Pto (dist Dharmapuri) 2 each, Krishnagiri (dist Krishnagiri), Kvk Kattukuppam Arg (dist Kancheepuram), Kattapakkam (dist Kancheepuram), Cheyyur (dist Chengalpattu), Tiruttani (dist Tiruvallur), Dgp Office (dist Chennai), Poonamallee (dist Tiruvallur), Tiruvallur, Dharmapuri, Tiruttani Pto (dist Tiruvallur), Shoolagiri (dist Krishnagiri) 1 each.

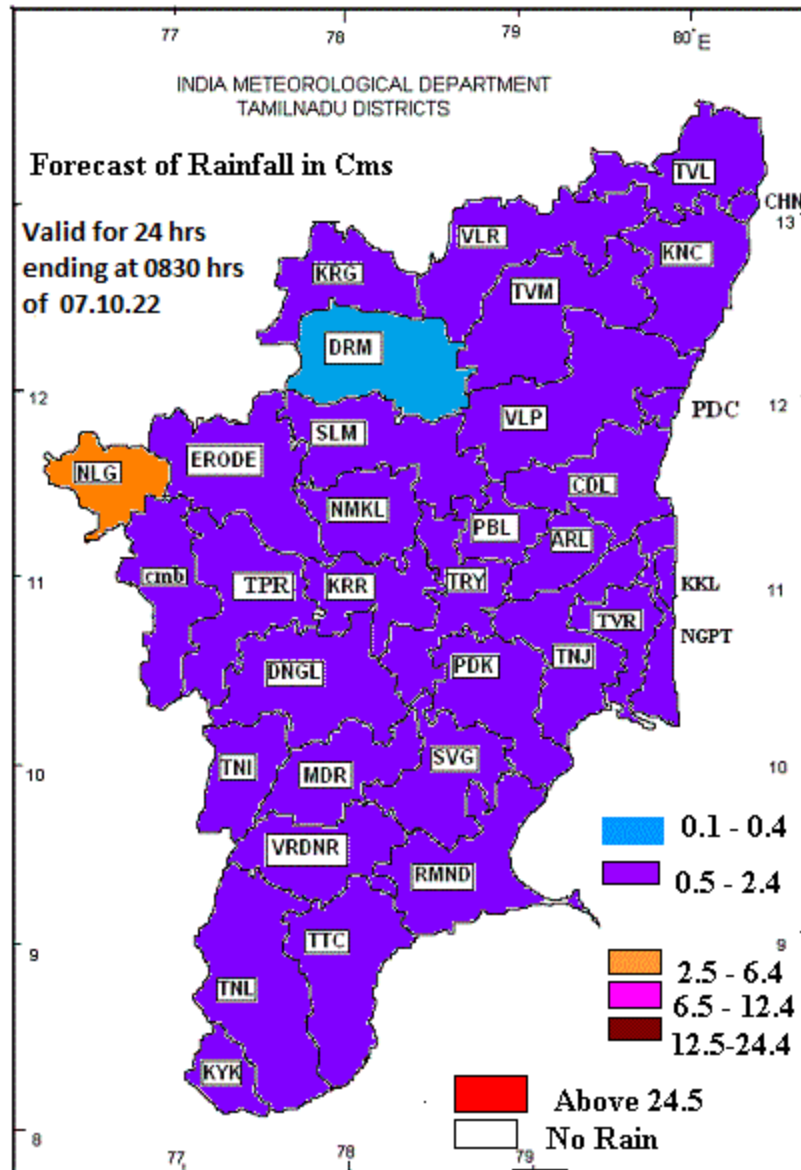
**02.10.22** : Thali (dist Krishnagiri), Hogenekal (dist Dharmapuri), Hosur (dist Krishnagiri), Rasipuram (dist Namakkal), Sankaridurg (dist Salem) 2 each, Sendamangalam (dist Namakkal), Puduchatram (dist Namakkal), Edapadi (dist Salem), Denkanikottai (dist Krishnagiri), Cheyyar (dist Tiruvannamalai), Barur (dist Krishnagiri), Kancheepuram (dist Kancheepuram), Pennagaram (dist Dharmapuri), Barwood (dist Nilgiris), Pandalur (dist Nilgiris) 1 each.

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 03.10.22  
VALID FOR THE NEXT 5 DAYS**

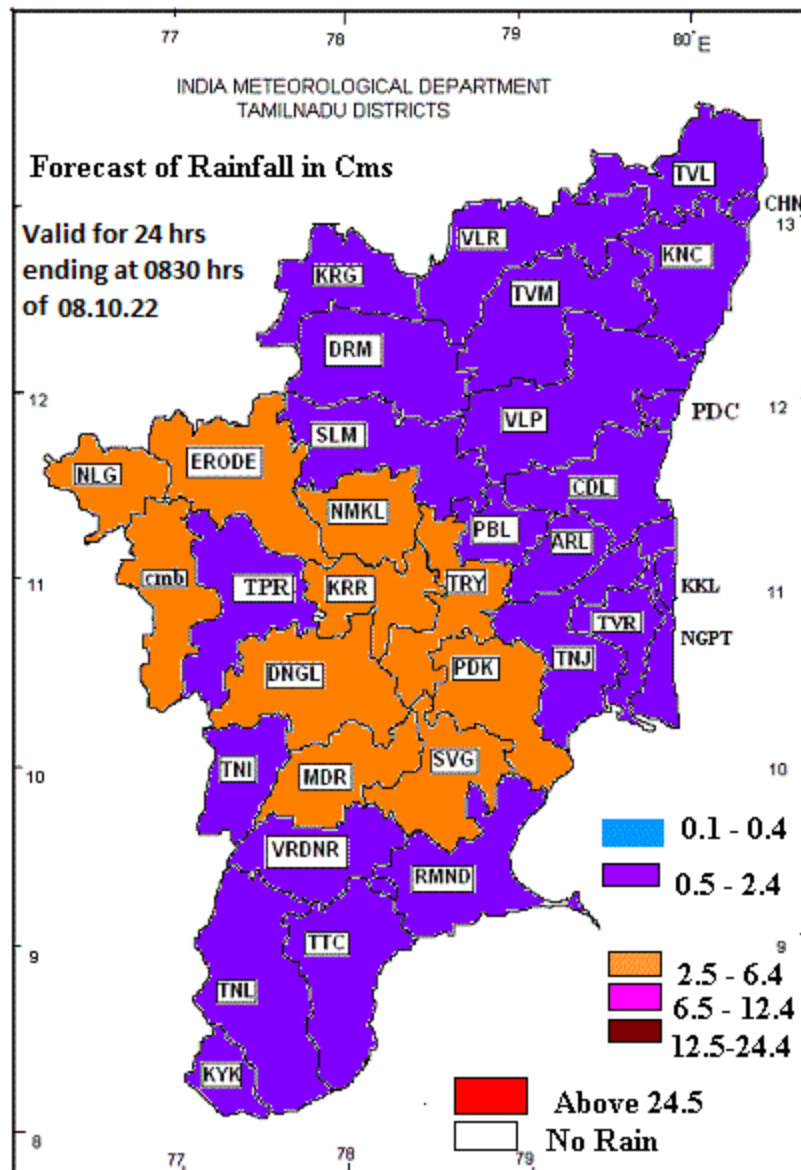












## District-wise Agromet Advisories

### Chennai

SMS Advisory:

(05.10.2022 08.10.2022) Light to moderate rain is likely to occur at a few places over Tamilnadu, Livestock Advisory

1. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
2. The concentrated feed and dry fodder must be stored in water proof god-owns to prevent aflatoxin and mould development.
3. To prevent mortality due to thunder strike during very heavy rainfall with thunderstorm, grazing during heavy rainfall should be prevented.
4. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation.
5. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.
6. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.
7. To prevent the ammonia accumulation there must be in the big house, good ventilation
8. The livestock should be given dipping ones in two month to prevent exoparasitic infestation,
9. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
10. In deep litter system of poultry rearing, the moisture level of litter system must be under check to prevent ammonia accumulation in poultry houses.

### Chennai Block level

From extended range forecast Above normal rainfall, normal maximum temperature and minimum temperature expected for the period of 05.10.2022 to 11.10.2022 over Tamil Nadu. (05.10.2022 08.10.2022) Light to moderate rain is likely to occur at a few places over Tamilnadu.

Live Stock(Varieties)	Live Stock Specific Advisory
COW	1. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching. 2. The concentrated feed and dry fodder must be stored in water proof god-owns to prevent aflatoxin and mould development.
GOAT	4. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation
RABBIT	5. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free
PIG	7. To prevent the ammonia accumulation there must be in the big house, good ventilation
Poultry(Varieties)	Poultry Specific Advisory

s)	
CHICKEN	10. In deep litter system of poultry rearing, the moisture level of litter system must be under check to prevent ammonia accumulation in poultry houses.

## Kancheepuram

### SMS Advisory:

(05.10.2022 08.10.2022) Light to moderate rain is likely to occur at a few places over Tamilnadu, Livestock Advisory

1. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
2. The concentrated feed and dry fodder must be stored in water proof god-owns to prevent aflatoxin and mould development.
3. To prevent mortality due to thunder strike during very heavy rainfall with thunderstorm, grazing during heavy rainfall should be prevented.
4. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation.
5. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.
6. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.
7. To prevent the ammonia accumulation there must be in the big house, good ventilation
8. The livestock should be given dipping ones in two month to prevent exoparasitic infestation,
9. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
10. In deep litter system of poultry rearing, the moisture level of litter system must be under check to prevent ammonia accumulation in poultry houses.

### Agricultural advisory Rice:

Before transplanting of rice seedlings farmers are advised to tip the seedlings in Bacillus subtilis bio control agent 2 gram/liter solution.

### Brinjal:

There are possibilities of red spider mite infestation in brinjal crop. For management farmers are advised to spray wettable sulphur 50 WP 2g/lit.

### Bottle gourd:

The forecasted weather may cause Anthracnose disease in cucurbit crops. For management farmers are advised to spray Mancozeb 2g/lit or Carbendazim 0.5g/lit of water.

## Villupuram

### SMS Advisory:

(05.10.2022 08.10.2022) Light to moderate rain is likely to occur at a few places over Tamilnadu, Livestock Advisory

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

2. The concentrated feed and dry fodder must be stored in water proof god-owns to prevent aflatoxin and mould development.
3. To prevent mortality due to thunder strike during very heavy rainfall with thunderstorm, grazing during heavy rainfall should be prevented.
4. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation.
5. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitary must be maintained damp free.
6. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.
7. To prevent the ammonia accumulation there must be in the big house, good ventilation
8. The livestock should be given dipping ones in two month to prevent exoparasitic infestation,
9. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
10. In deep litter system of poultry rearing, the moisture level of litter system must be under check to prevent ammonia accumulation in poultry houses.

#### 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, Ginge, 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 05.10.2022 to 11.10.2022 over Tamil Nadu. (05.10.2022 08.10.2022) Light to moderate rain is likely to occur at a few places over Tamilnadu.

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
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:

(05.10.2022 08.10.2022) Light to moderate rain is likely to occur at a few places over Tamilnadu, Livestock Advisory

1. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
2. The concentrated feed and dry fodder must be stored in water proof god-owns to prevent aflatoxin and mould development.
3. To prevent mortality due to thunder strike during very heavy rainfall with thunderstorm, grazing during heavy rainfall should be prevented.
4. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation.
5. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.
6. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.
7. To prevent the ammonia accumulation there must be in the big house, good ventilation
8. The livestock should be given dipping ones in two month to prevent exoparasitic infestation,
9. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
10. In deep litter system of poultry rearing, the moisture level of litter system must be under check to prevent ammonia accumulation in poultry houses.

### 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.

To control leaf folder in rice, apply fipronil 1ml/litre.

Utilize the expected rainfall and takeup land preparation work for sowing samba crop.

### Groundnut

Harvest the matured crops and store in safe places. Apply gypsum 400 kg / Ha at 45 days after sowing.

### Red gram

To control Aphid in redgram, spray Thiometheoxim @ 0.5 ml / litre or imidachloprid @ 0.5 ml / litre.

### Sugarcane

To control internode borer in Sugarcane, release egg parasitoid Trichogramma chilonis @ 2.5 cc/ha. Six releases fifteen days interval starting from fourth month onwards will be necessary.

### Coconut

To control red palm weevil 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. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 5 traps/ha.

### Brinjal

To control shoot borer/ fruit borer, spray chlorantraniliprole @ 0.5 ml / lit (or )Emamectin benzoate @ 0.4g/litre.

## 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 05.10.2022 to 11.10.2022. Dry weather with very light to moderate rainfall may be expected on forthcoming days. So, farmers are advised to avoid fertilizer application, insecticides or pesticides spray during rainy days . Harvest the matured crops during non-rainy days and store in safe places. (05.10.2022 08.10.2022) Light to moderate rain is likely to occur at a few places over Tamilnadu.

Crop(Varieties)	Crop Specific Advisory
RICE	Since rain is anticipated, provide drainage for the rice field. To avoid fertilizer application, insecticides or pesticides spray and postpond irrigation. Harvest the matured crops and store in safe places. To control leaf folder in rice, apply fipronil 1ml/litre. Utilize the expected rainfall and takeup land preparation work for sowing samba crop.
GROUNDNUT	Harvest the matured crops and store in safe places. Apply gypsum 400 kg / Ha at 45 days after sowing.
SUGARCANE	To control internode borer in Sugarcane, release egg parasitoid Trichogramma chilonis @ 2.5 cc/ha. Six releases fifteen days interval starting from fourth month onwards will be necessary.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	To control red palm weevil 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. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 5 traps/ha.
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.

## Vellore

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be receive above normal rainfall and normal temperature for the period of 05.10.2022 to 11.10.2022. Dry weather with very light to moderate rainfall may be expected on forthcoming days. So, farmers are advised to avoid fertilizer application, insecticides or pesticides spray during rainy days . Harvest the matured crops

during non-rainy days and store in safe places. Dry weather with very light to moderate rainfall may be expected on forthcoming days. So, farmers are advised to irrigate the field based on soil moisture.

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. To control leaf folder in rice, apply fipronil 1ml/litre. Utilize the expected rainfall and take up land preparation work for sowing samba crop.
GROUNDNUT	Harvest the matured crops and store in safe places. Apply gypsum 400 kg / Ha at 45 days after sowing.
PIGEON PEA (RED GRAM/ARHAR)	To control Aphid in redgram, spray Thiometheoxim @ 0.5 ml / litre or imidachloprid @ 0.5 ml / litre.
SUGARCANE	To control internode borer in Sugarcane, release egg parasitoid Trichogramma chilonis @ 2.5 cc/ha. Six releases fifteen days interval starting from fourth month onwards will be necessary.
COCONUT	To control red palm weevil 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. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 5 traps/ha.
BRINJAL	To control shoot borer/ fruit borer, spray chlorantraniliprole @ 0.5 ml / lit (or )Emamectin benzoate @ 0.4g/litre.
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.
Poultry(Varieties )	Poultry Specific Advisory
HEN	Give powder Amproleium 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 05.10.2022 to 11.10.2022 over Tamil Nadu. Farmers are advised to irrigate the crop based on the soil moisture.

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.

## Coimbatore

### Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall is expected in western zone during next five days. Irrigation may be postponed based on the soil moisture. Wind speed of 4-6 km/hr is expected. Since rainfall is expected, provide drainage to the cotton, turmeric, tapioca, tomato, groundnut etc. In rainfed, provide bunds or plough against the slope at 20 feet interval to arrest the rain water runoff.
Rice	Vegetative	Considering the rainfall, Drainage may be provided in recently transplanted samba rice. As Samba season is over, stop nursery sowing or direct seeding of samba paddy.
Sorghum		By utilizing prevailing rainfall North east monsoon dryland crops like

		sorghum, cumbu and other crops may be sown.
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 <sup>th</sup> node. Due to continuous rainfall, 45 days old irrigated Combodia cotton may show Zn deficiency and hence, spray 0.5% ZnSO <sub>4</sub> .
Tomato	Planting	By utilizing expected rainfall gap filling may be done for Tomato crop to maintain optimum population.
Banana		Expected Wind speed is 4-6 km per hour with rainfall, hence five months old banana may be provided with support against lodging. Avoid irrigation.
Turmeric		In turmeric, Trichoderma viride may be applied to prevent rhizome rot in addition to proper after drainage In Turmeric of 120 days old, top dressing with 55 kg urea 30 kg potash per ha with sufficient moisture.
Grapes		In Grapes, due to high relative humidity and optimum temperature, Downey mildew disease may occur, hence prophylactic spray with copper oxy oxide chloride @ 0.25%, twice at 15 days interval.
Animal		The udder of the animal after milking must be cleaned with potassium permanganate to avoid mastitis. Wetted feeds may be avoided to the animal. Since rainfall is expected drainage in and around cattle and poultry sheds may be provided to avoid water stagnation. Further farmers are requested to safeguard the feed and fodder material from rain soaking Prevent animal from drinking of stagnated rain water against food contamination. Provide clean and good drinking water to animals.

#### SMS advisory

Light to moderate rainfall is expected in rainfed. Hence, provide bunds or plough against the slope at 20 feet interval to arrest the rain water runoff.

## Erode

#### Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall is expected in western zone during next five days. Irrigation may be postponed based on the soil moisture. Wind speed of 4-6 km/hr is expected. Since rainfall is expected, provide drainage to the cotton, turmeric, tapioca, tomato, groundnut etc. In rainfed, provide bunds or plough against the slope at 20 feet interval to arrest the rain water runoff.
Rice	Vegetative	Considering the rainfall, Drainage may be provided in recently transplanted samba rice. As Samba season is over, stop nursery sowing or direct seeding of

		samba paddy.
Sorghum		By utilizing prevailing rainfall North east monsoon dryland crops like sorghum, cumbu and other crops may be sown.
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 <sup>th</sup> node. Due to continuous rainfall, 45 days old irrigated Combodia cotton may show Zn deficiency and hence, spray 0.5% ZnSO <sub>4</sub> .
Tomato	Planting	By utilizing expected rainfall gap filling may be done for Tomato crop to maintain optimum population.
Banana		Expected Wind speed is 4-6 km per hour with rainfall, hence five months old banana may be provided with support against lodging. Avoid irrigation.
Turmeric		In turmeric, Trichoderma viride may be applied to prevent rhizome rot in addition to proper after drainage In Turmeric of 120 days old, top dressing with 55 kg urea 30 kg potash per ha with sufficient moisture.
Animal		The udder of the animal after milking must be cleaned with potassium permanganate to avoid mastitis. Wetted feeds may be avoided to the animal. Since rainfall is expected drainage in and around cattle and poultry sheds may be provided to avoid water stagnation. Further farmers are requested to safeguard the feed and fodder material from rain soaking Prevent animal from drinking of stagnated rain water against food contamination. Provide clean and good drinking water to animals.

#### SMS advisory

Light to moderate rainfall is expected in rainfed. Hence, provide bunds or plough against the slope at 20 feet interval to arrest the rain water runoff.

## Tiruppur

#### Agro advisory

Crop	Stage	Advisory
General		Light to moderate rainfall is expected in western zone during next five days. Irrigation may be postponed based on the soil moisture. Wind speed of 4-6 km/hr is expected. Since rainfall is expected, provide drainage to the cotton, turmeric, tapioca, tomato, groundnut etc. In rainfed, provide bunds or plough against the slope at 20 feet interval to arrest the rain water runoff.
Sorghum		By utilizing prevailing rainfall North east monsoon dryland crops like sorghum, cumbu and other crops may be sown.
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 15th node. Due to continuous rainfall, 45 days old irrigated Combodia cotton may show Zn deficiency and hence, spray 0.5% ZnSO <sub>4</sub> .
Tomato	Planting	By utilizing expected rainfall gap filling may be done for Tomato crop to maintain optimum population.
Banana		Expected Wind speed is 4-6 km per hour with rainfall, hence five months old banana may be provided with support against lodging. Avoid irrigation.
Animal		The udder of the animal after milking must be cleaned with potassium permanganate to avoid mastitis. Wetted feeds may be avoided to the animal. Since rainfall is expected drainage in and around cattle and poultry sheds may be provided to avoid water stagnation. Further farmers are requested to safeguard the feed and fodder material from rain soaking Prevent animal from drinking of stagnated rain water against food contamination. Provide clean and good drinking water to animals.

#### SMS advisory

Light to moderate rainfall is expected in rainfed. Hence, provide bunds or plough against the slope at 20 feet interval to arrest the rain water runoff.

## Dindigul

Extended range Forecast for next week (7th – 13th Oct 2022): Rainfall: As per extended range predictions, there is possibility of normal to above normal rainfall likely over the district during 7th to 13th 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. 7th to 13th 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 7th to 13th Oct 2022. Chances of light rain on 5 Oct & Moderate rain during 6, 7, 8 Oct. Max temp-32°C-36°C & Min temp -21°C-26°C. Cloudy sky for next 5 days. Wind speed 8- 12 kmph from W & NW directions.

Crop(Varieties)	Crop Specific Advisory
COTTON	For the Cotton crop, if the basal application was not given or cannot be done, farmers are advised to apply the fertilizer on the 25th day after sowing. For varieties, apply 50% of N and K with full dose of P as basal and remaining 50% N and K at 40–45th DAS for varieties. For hybrids, apply N in three splits viz., basal, 45 and 65 DAS. Foliar applications of 2% DAP + 1% KCl or Poly-feed and Multi K can be sprayed to improve the yield.
MAIZE	The incidence of aphids is noticed in Maize. Colonies of aphids are found in the central leaf whorl, and the symptom appears as yellowing of leaves. To control spray Neem oil @ 30ml + Pseudomonas @ 40gm + Sticky agent @ 10ml with 10 litres of water.
Live Stock(Varieties)	Live Stock Specific Advisory

COW	Monthly once periodical de-worming is essential for Calves. Check the cow dung often, so that we can detect the worm infection if present. Likewise, periodical de-worming reduces the worm infection at calves and also induces the growth, weight & puberty.
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## Madurai

Extended range Forecast for next week (7th – 13th Oct 2022): Rainfall: As per extended range predictions, there is possibility of normal to above normal rainfall likely over the district during 7th to 13th 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. 7th to 13th 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 7th to 13th Oct 2022. Chances of light rain during 5, 6, 7 Oct & Rather heavy rain on 8 Oct. Max temp-33°C-36°C & Min temp -23°C-26°C. Cloudy sky for next 5 days. Wind speed 8- 12 kmph from W & NW directions.

Crop(Varieties)	Crop Specific Advisory
MAIZE	Farmers planning for maize cultivation, are advised to treat the seeds before sowing. Select good quality seeds. Adopt the seed rate @ 20kg/ha for hybrids and 25kg/ha. for varieties. Adopt a spacing of 45 cm between rows and 20 cm between plants in the row. Seeds treated with fungicides may be treated with three packets (1600 g/ha) of Azospirillum. Dibble the seeds at a depth of 4 cm.
COTTON	The incidence of spotted bollworms is seen in Cotton. The symptoms are, they appear on terminal shoots, drying and drooping of terminal shoots during the pre-flowering stage, shedding of squares and young bolls, flaring up of bracts during square and young boll formation stage, holes on bolls, and rotting of bolls can also be noticed. Remove the affected plant parts from the field. To control, spray Fipronil @ 400ml per acre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Monthly once periodical de-worming is essential for Calves. Check the cow dung often, so that we can detect the worm infection if present. Likewise, periodical de-worming reduces the worm infection at calves and also induces the growth, weight & puberty.

## Pudukottai

Chances of light rainfall for next five days. Proper drainage facilities to be ensured in the crops fields. Due to the rains for past few days there might be deficiency symptoms on leaves. Soil application of Urea 10 kg/ha, Gypsum 8 kg/ha and Neemcake 2 kg/ha can be done. Before monsoon ensure that cows and buffaloes were vaccinated against food and mouth disease.

Crop(Varieties)	Crop Specific Advisory
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BLACK GRAM	Foliar spray of the micronutrient is important for the Blackgram crop. Foliar spray of NAA 40mg/litre and Salicylic acid 100 mg/litre once at pre-flowering and another at 15 days later. For rice fallow crops, foliar spray of DAP 20gm/litre once at flowering and another at 15 days later. For irrigated and rain-fed crops, foliar spray of DAP 20gm/litre or Urea 20 gm/litre once at flowering and another at 15 days later. Foliar spray of salicylic acid 100 mg/litre once at pre-flowering and another at 15 days later.
RICE	As the sowing of Samba season is nearing end, direct sowing with pre germinated short duration paddy varieties seeds in puddled soil is recommended. Drainage may be provided in recently transplanted samba rice.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	There are chances of diarrhoea in the poultry. To protect the other birds from Diarrhoea, keep the diseased birds separately. Medicate the drinking water with 2gm Microsol or Bactrisol + 5ml Vimrol Syrup per litre of water. Medicated water should be given to all the birds for 5 days in the morning and evening time.

## Ramanathapuram

From extended range forecast, Above normal rainfall, Normal maximum temperature and Minimum temperature expected for the period of October 5 to October 11 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.

## Sivagangai

Extended range Forecast for next week (7th – 13th Oct 2022): Rainfall: As per extended range predictions, there is possibility of normal to above normal rainfall likely over the district during 7th to 13th 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. 7th to 13th 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 7th to 13th Oct 2022. Chances of light rain on 5 Oct & Moderate rain during 6, 7, 8 Oct. Max temp-33°C-36°C & Min temp -23°C-26°C. Cloudy sky for next 5 days. Wind speed 8- 12 kmph from W & NW directions.

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	The incidence of Lace bugs is noticed in Brinjal. The symptom appears on leaves. The leaves become yellow and the affected leaves are covered with exuviate and excreta. To control spray Neem oil @ 40ml + Pseudomonas @ 40gm + Egg white @ 20ml with 10 litres of water.
ONION	There are chances for incense of Downy mildew in Onion. The symptoms of disease are white downy growth appears on the surface of the leaves. Finally, the infected leaves are dried up. To control this, spray Propineb @ 350gm per acre.

	After 10 days, spray Pseudomonas @100gm + Trichoderma Viride @100gm per 10 litres of water.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Monthly once periodical de-worming is essential for Calves. Check the cow dung often, so that we can detect the worm infection if present. Likewise, periodical de-worming reduces the worm infection at calves and also induces the growth, weight & puberty.

## Theni

Extended range Forecast for next week (7th – 13th Oct 2022): Rainfall: As per extended range predictions, there is possibility of normal to above normal rainfall likely over the district during 7th to 13th 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. 7th to 13th 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 7th to 13th Oct 2022. Chances of light rain on 4, 5 Oct & Moderate rain during 6, 7, 8 Oct. Max temp-32°C-36°C & Min temp -23°C-26°C. Cloudy sky for next 5 days. Wind speed 8- 12 kmph from W & NW directions.

Horticulture(Varieties)	Horticulture Specific Advisory
MARIGOLD	Red spiders may be widely seen in the Marigold flower crop. These insects absorb sap from the leaves and flowers of the plants. During the severe infestation, the flowers dry up. To control this, spray Propargite @ of 1½ ml per litre of water.
COCONUT	There is a possibility of the occurrence of Thanjavur Wilt disease in coconut crops. The progress of the disease is faster from July to November. Initial symptoms of Thanjavur Wilt start with yellowing and drooping of the outer whorl of leaves. This is followed by exudation of reddish brown liquid through cracks at the base of the trunk and oozing spread upwards. Decaying of tissues at the bleeding point and rotting of the basal portion of the stem. To control this, mix and apply Pseudomonas fluorescence @ 200gm + Phosphobacter @ 200gm +Azotobacter @ 200gm with 50kg of FYM per tree. Also mix 5kg of Neem cake with 50kg of FYM per tree and apply it in six-month intervals.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Monthly once periodical de-worming is essential for Calves. Check the cow dung often, so that we can detect the worm infection if present. Likewise, periodical de-worming reduces the worm infection at calves and also induces the growth, weight & puberty.

## 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 28 - 29°C and minimum temperature ranged from 22 - 23°C. Mostly cloudy condition may prevail. The relative humidity will be 50 to 80 %. Wind speed may be 12 km / hr in West direction.		
1.	Banana	Harvesting stage	Harvested banana bunches should be stored in dry places to prevent disease incidence due to rainfall.
2.	Agricultural and Horticultural crops	All stages	Avoid application of fertilizer, insecticide and weedicide due to rains.
3.	Paddy	Trans planting	Apply zinc sulphate @ 25 kg/ha mixed with 50 kg dry sand before transplanting.
4.	Rubber	Tapping Stage	Fix a polythene rain guard to the trunk of the tree above the tapping panel so that tapping can be done during rainy season also.
5.	Horticultural crops	Planting stage	Farmers are requested to take up planting operations, especially vegetable crops like chillies, brinjal, gourd, banana and perennial crops.

#### SMS Advisory

As heavy winds (12 kmph) are blown from the west direction in the fourth coming days, staking should be given to young rubber and banana plants.

## Salem

### Weather Advisory Bulletin for livestock, poultry and agro advisory

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
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 heavy rain is expected, Protect the harvested crop from rain
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)Azoxytrobin 25 SC @ 500 ml/ha.
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 sprayCarbendazim 0.1 % or Propicanazole 0.1 % or Mancozeb 0.25% and teepol (sticking agent) at 10-15 days interval.
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 sideof 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	<p><u>Control of Haematodia fly menace in dairy farms</u></p> <p>Haematodia spp. is one of the commonly found biting flies in dairy farms in India. This fly is found in hundreds as cluster on animal’s body, leave only to lay eggs when animals defecate, because it prefers fresh dung. Both male and females are blood suckers, hence they continuously pierce the skin and suck blood, produce blood loss, irritation and wound sore in the innercanthus of the eyes and sides of the necks.</p> <p>Due to continuous feeding / biting, animals become restless, stamp their legs, shake their heads wag their tail, resulting in loss of weight &amp; milk yield.</p> <p>This fly menace can be controlled by frequent removal of dung material and stored in composting yard located away from farm premises.</p> <p>Application of insecticides like Flumethrin and Cypermethrin whenever fly population is high. Application of repellent to avoid myiasis fly.</p>
Livestock and Poultry	General	<p><u>Control of flies in poultry and livestock farms</u></p> <p>In Tamil Nadu, during monsoon season rainy days interspersed with a day of sunshine. This favours fly population to increase at a faster pace, and hence fly menace will be high in the forthcoming months. Necessary fly control measures with special attention for farm sanitation should be followed.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		

Tapioca	Vegetative stage	Due to change in climate red spider mite incidence was reported in Tapioca crop. To control this foliar spraying of chemical pesticide Propargite @ 1 ½ ml / litre of water along with adjuvant 1 ml / litre of water may be undertaken.
Castor	Flowering stage	Castor crop attained flowering stage. Hence farmers are advised to do foliar spray of <i>Castor gold</i> @ 0.5 ml / litre of water during flowering stage to increase female flower in spikes, more density of capsules in spikes and improve crop yield.
Banana	Vegetative stage	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3 , 5 and 7 month after planting to increase the yield of banana.
Paddy	Nursery stage	Due to change in climate seedling blight infestation was noticed in paddy nursery. Hence, farmers are advised to do foliar spraying of Tricyclazole @ 2 gram / litre of water before transplanting.
Tree crops	General	Tree growers are requested to grow 50 gram sun hemp or daincha or multigrains and uproot the plants before flowering and cover with soil after withering of plants instead of applying decomposed manure.

## 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.
Tapioca		Tapioca mealy bug Management practices, Infected shoots should be removed. Collect infected dry plants and discard or burn away from the field. In early stage of infection, any one of the following insecticide can be spray: Azadirachtin 0.15 % @ 50 ml/ liter of water, Fish oil resin soap @ 2.0 ml/ liter of water. Any one of the

		following insecticide can be sprayed on rotation basis as and required Thiamethoxam 25 WG @ 0.5 gram /liter of water, Flonicamid 50 WG @ 0.3 gram/ liter of water, Spirotetramat 150 OD @ 1.25 ml / liter of water.
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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	<p><u>Control of Haematodia fly menace in dairy farms</u></p> <p>Haematodia spp. is one of the commonly found biting flies in dairy farms in India. This fly is found in hundreds as cluster on animal's body, leave only to lay eggs when animals defecate, because it prefers fresh dung. Both male and females are blood suckers, hence they continuously pierce the skin and suck blood, produce blood loss, irritation and wound sore in the innercanthus of the eyes and sides of the necks.</p> <p>Due to continuous feeding / biting, animals become restless, stamp their legs, shake their heads wag their tail, resulting in loss of weight &amp; milk yield.</p> <p>This fly menace can be controlled by frequent removal of dung material and stored in composting yard located away from farm premises.</p> <p>Application of insecticides like Flumethrin and Cypermethrin whenever fly population is high. Application of repellent to avoid myiasis fly.</p>
Livestock and Poultry	General	<p><u>Control of flies in poultry and livestock farms</u></p> <p>In Tamil Nadu, during monsoon season rainy days interspersed with a day of sunshine. This favours fly population to increase at a faster pace, and hence fly menace will be high in the forthcoming months. Necessary fly control measures with special attention for farm sanitation should be followed.</p>
Agro advisory from Krishi Vigyan Kendra		
Tapioca	Vegetative stage	Due to change in climate red spider mite incidence was reported in Tapioca crop. To control this foliar spraying of chemical pesticide Propargite @ 1 ½ ml / litre of water along with adjuvant 1 ml / litre of water may be undertaken.
Castor	Flowering stage	Castor crop attained flowering stage. Hence farmers are advised to do foliar spray of <i>Castor gold</i> @ 0.5 ml / litre of water during flowering stage to increase female flower in spikes, more density of capsules in spikes and improve crop yield.
Banana	Vegetative stage	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3 , 5 and 7 month after planting to increase the yield of banana.
Paddy	Nursery stage	Due to change in climate seedling blight infestation was noticed in paddy nursery. Hence, farmers are advised to do foliar spraying of Tricyclazole @ 2 gram / litre of water before transplanting.
Tree crops	General	Tree growers are requested to grow 50 gram sun hemp or daincha or multigrains and uproot the plants before flowering and cover with soil after withering of plants instead of applying decomposed manure.

## Karaikal

### Agro Advisory

Crop/ Livestock	Stage/ Particulars	Agro Advisory
Rice	Weeding	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 from 06th to 08th October.

## Puducherry

### Weather based Agro-Advisories:

Crop	Stage/ Particulars	Agro Advisory
Coconut	Fruiting stage	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.
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.
Rice	Tillering stage	To manage rice leaf folder release Trichogramma chilonis 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.

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 Bacillus thuringiensis 2g/l or Novaluron 10% EC 1 ml/l or flubendamide 0.2 – 0.3 ml/l.
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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

Light to moderate rain is likely to occur during next five days. 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 Trichogramma chilonis 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.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Fruiting stage 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 Bacillus thuringiensis 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.

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