



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

## **DISTRICT LEVEL**

# **Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 009/2023**

For the period 0830 IST, 31<sup>st</sup> January 2023 to  
0830 IST, 05<sup>th</sup> February 2023

**Issued on Tuesday, 31<sup>st</sup> January 2023**

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 27.01.23 to 30.01.23 for the State of Tamilnadu & Puducherry**

**Temperature:**

Maximum Temperature of range **28°C – 34°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **19°C – 24°C** during the period.

Minimum temperature of range **15°C - 25°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **06°C - 09°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)	30.01.23	Tamil Nadu
Dry	27.01.23, 28.01.23 & 29.01.23 27.01.23, 28.01.23, 29.01.23 & 30.01.23	Tamil Nadu Puducherry

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

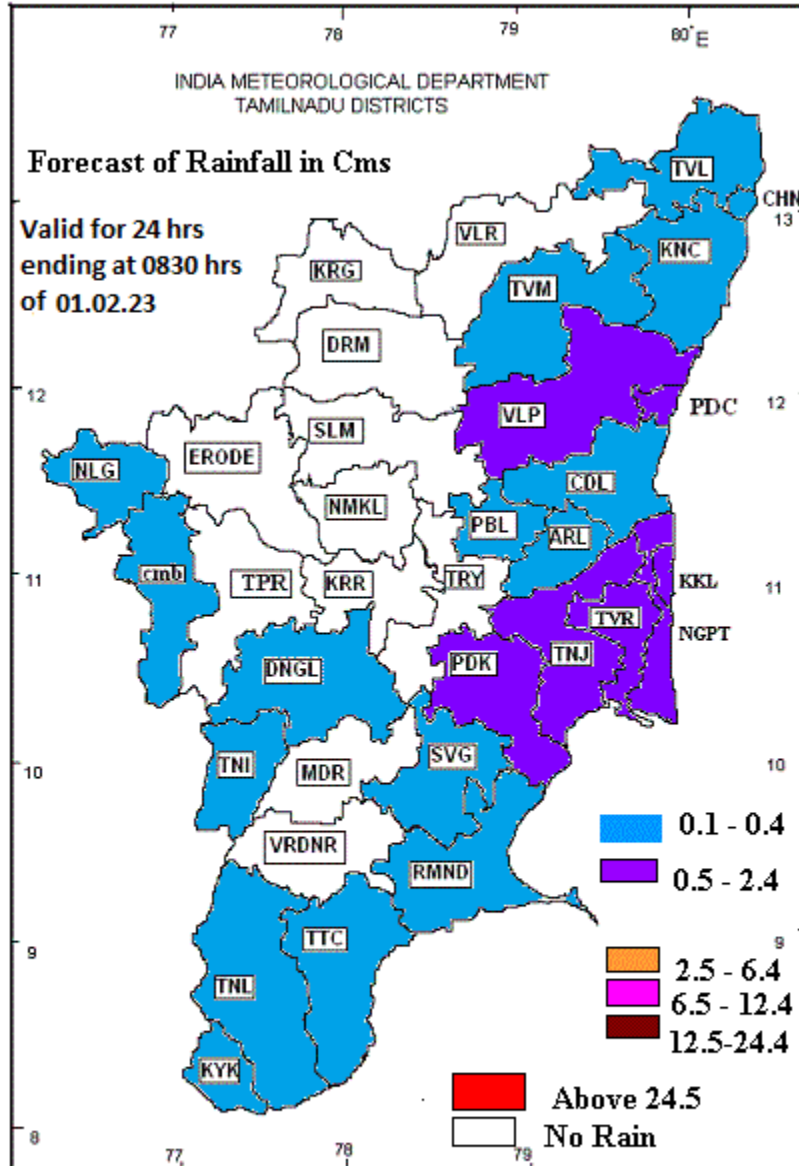
**27.01.23 : Nil**

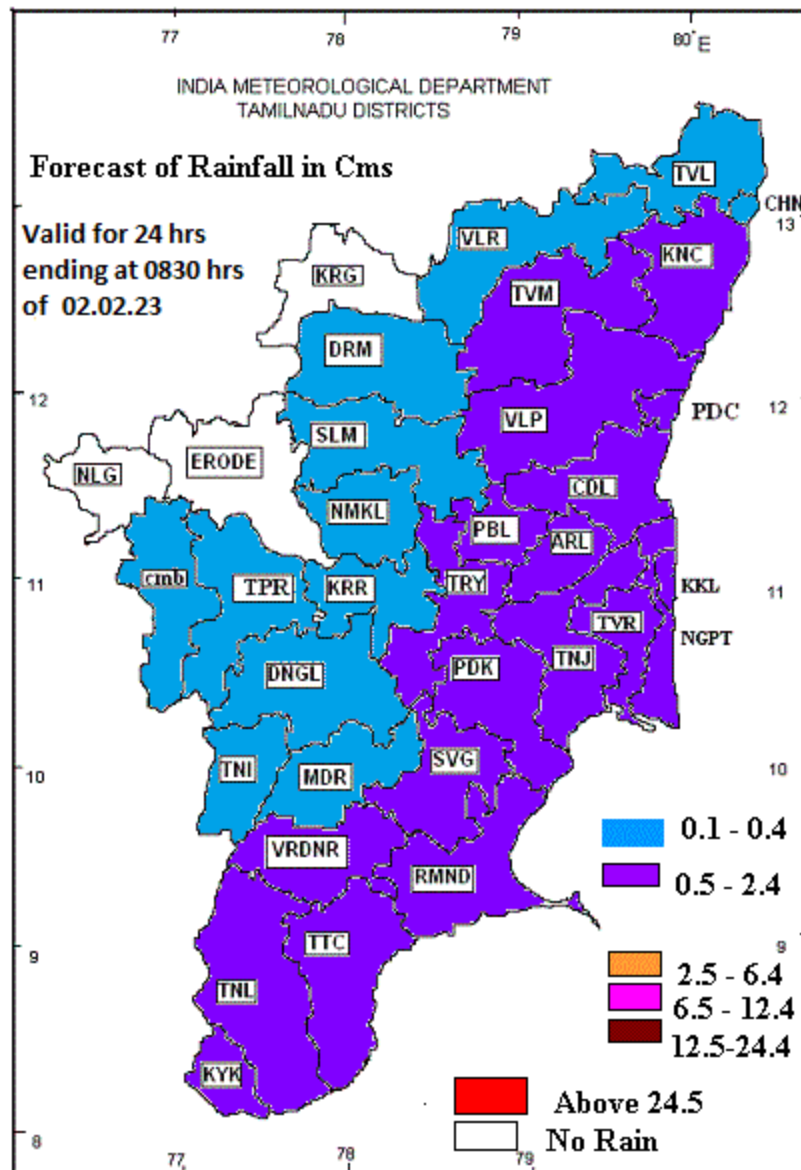
**28.01.23 : Nil**

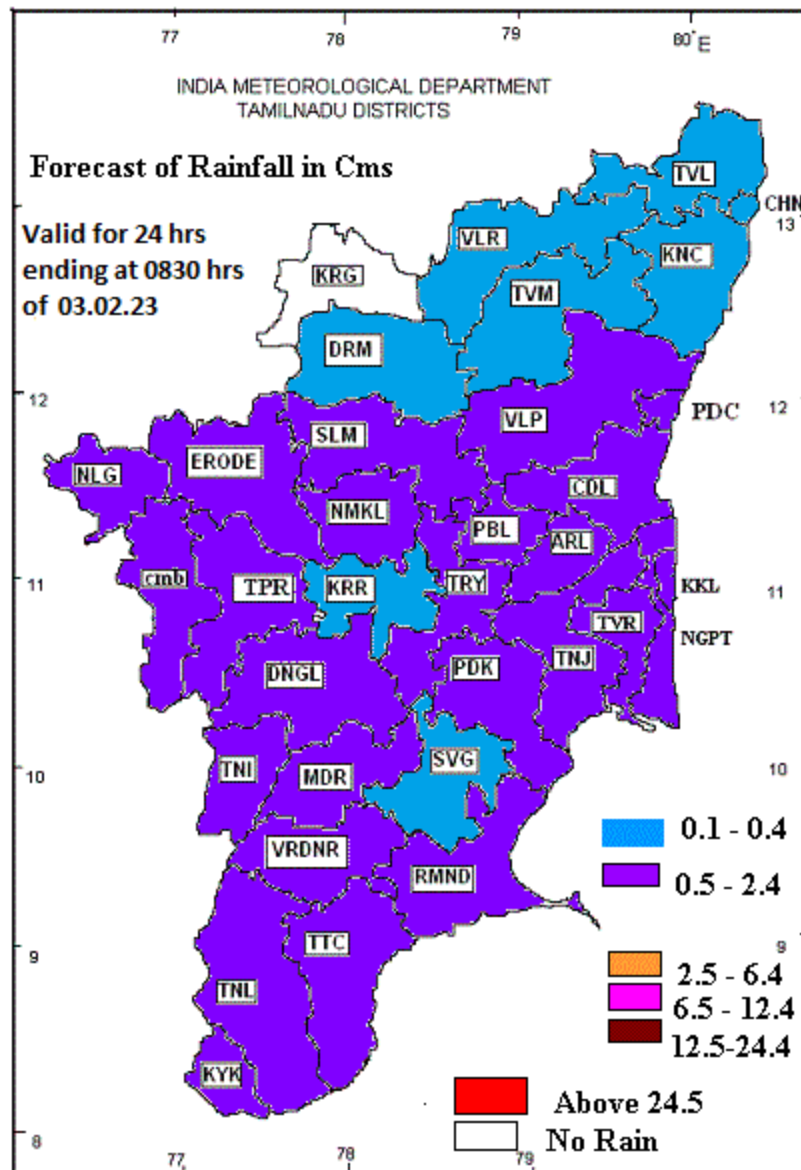
**29.01.23 : Nil**

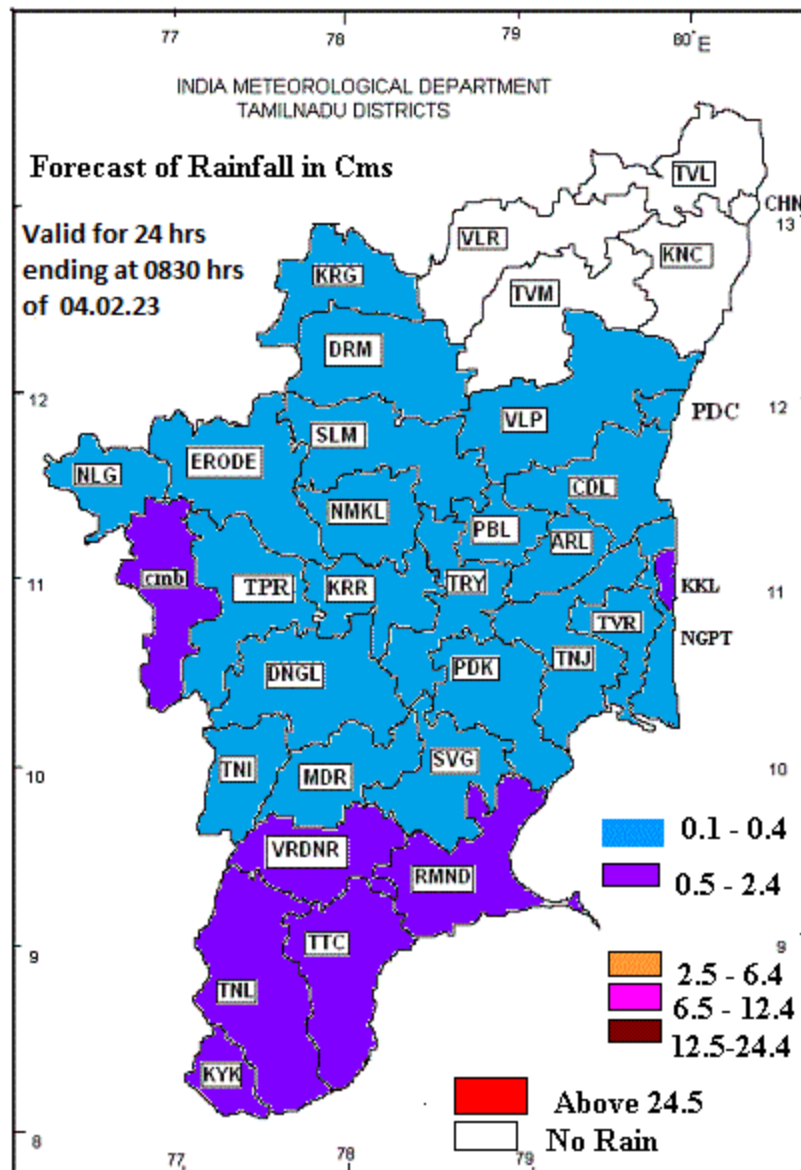
**30.01.23** : Sirkali (dist Mayiladuthurai), Sembanarkoil (dist Mayiladuthurai), Chidambaram AWS (dist Cuddalore) 2 each, Karaikal (dist Karaikal), Kollidam (dist Mayiladuthurai), Mayiladuthurai (dist Mayiladuthurai) 1 each.

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 31.01.23  
VALID FOR THE NEXT 5 DAYS**

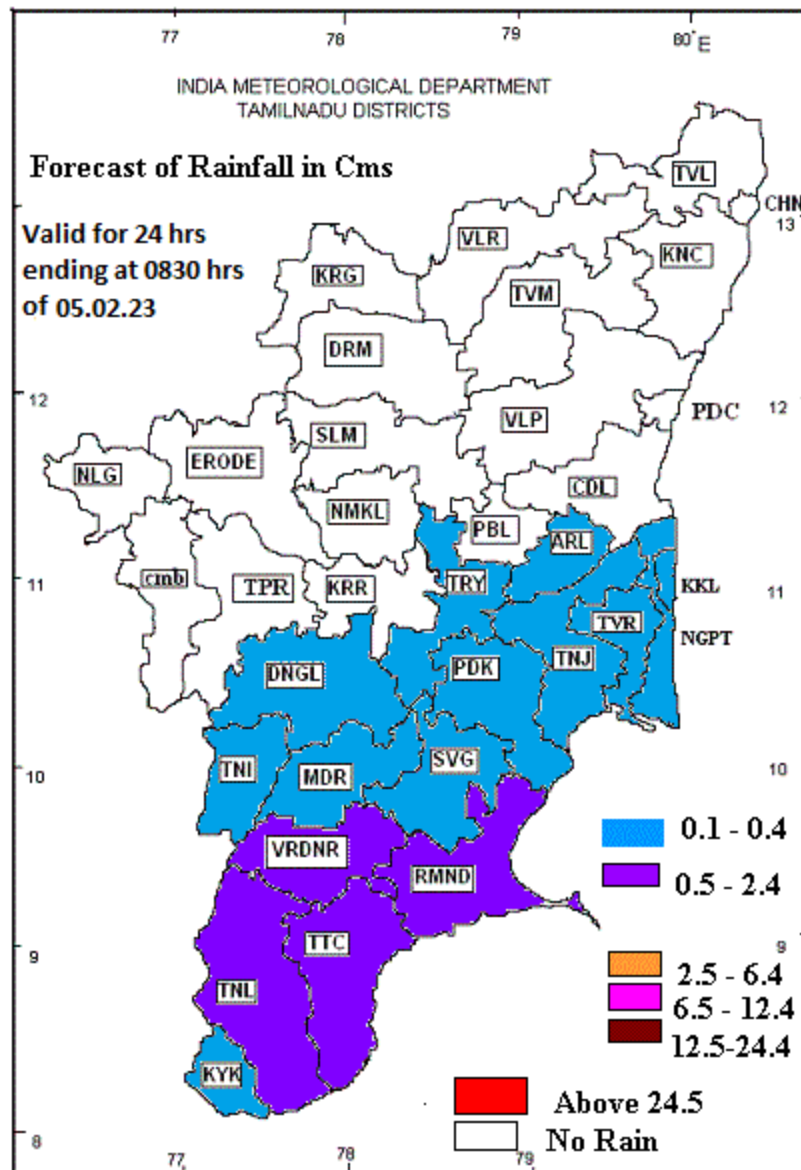












## District-wise Agromet Advisories

### Chennai

SMS Advisory:

(01.02.2023-05.02.2023) Light /moderate rain is likely to occur at one or two places over Coastal and adjoining districts of Tamil Nadu,

Livestock Advisory

1. During this month if the livestock are infested with ectoparasites care should be taken to give medicated dip during hot parts of the day and dry the animals to avoid chills.
2. The livestock must not be allowed to graze in very early morning.
3. The calving boxes must be provided with proper bedding of 10-12 to provide warmth 4. The newborn kids and lambs must be supplemented with vitamins to improve their immunity to withstand cold
5. The surplus fodder available must be preserved as silage for summer feeding.
6. Newly born piglets must be protected from cold drafts by provision of any means of heat source
7. The livestock must be provided in clean wholesome drinking water
8. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
10. Add 5% shell grit in laying hens for optimum egg production.

### Kancheepuram

SMS Advisory:

(01.02.2023-05.02.2023) Light /moderate rain is likely to occur at one or two places over Coastal and adjoining districts of Tamil Nadu,

Livestock Advisory

1. During this month if the livestock are infested with ectoparasites care should be taken to give medicated dip during hot parts of the day and dry the animals to avoid chills.
2. The livestock must not be allowed to graze in very early morning.
3. The calving boxes must be provided with proper bedding of 10-12 to provide warmth 4. The newborn kids and lambs must be supplemented with vitamins to improve their immunity to withstand cold
5. The surplus fodder available must be preserved as silage for summer feeding.
6. Newly born piglets must be protected from cold drafts by provision of any means of heat source
7. The livestock must be provided in clean wholesome drinking water
8. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
10. Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory Groundnut:

In groundnut there are possibilities of stemrot infestation. Infected plants may look yellowish and dry. Farmers are advised to trench soil with Carbendazim @0.5g/liter of water.

Blackgram:

There is possibilities leaf feeding insect infestation in pulses crops. For management farmers are advised to spray dimethoate @ 0.03%.

Chilli:

Farmers those who planting the chilli seedling are advised to apply 100kg/ac of neem cake before last ploughing.

Coconut:

In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil @ 3%.

## Villupuram

SMS Advisory:

(01.02.2023-05.02.2023) Light /moderate rain is likely to occur at one or two places over Coastal and adjoining districts of Tamil Nadu,

Livestock Advisory

1. During this month if the livestock are infested with ectoparasites care should be taken to give medicated dip during hot parts of the day and dry the animals to avoid chills.

2. The livestock must not be allowed to graze in very early morning.

3. The calving boxes must be provided with proper bedding of 10-12 to provide warmth 4. The newborn kids and lambs must be supplemented with vitamins to improve their immunity to withstand cold

5. The surplus fodder available must be preserved as silage for summer feeding.

6. Newly born piglets must be protected from cold drafts by provision of any means of heat source

7. The livestock must be provided in clean wholesome drinking water

8. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.

9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

10. Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory Rice:

Due to prevailing weather condition false smut is found in paddy crop. To manage the false smut, spray copper oxychloride 50 WG 2.5 g/l or copper hydroxide 77 WG 2.0 g/l or propiconazole 1.0 ml/l at panicle stage and 50 % flowering stage.

Blackgram:

Due to prevailing weather condition there are chances of blackgram pot borer infestation. To control spray thiodicarb 75% WP 250 g/ac.

Groundnut:

Due to prevailing weather condition there are chances of groundnut leaf miner infestation. To control spray methyl demeton 25 EC 400 ml/ac or dimethiate 30 EC 200 ml/ac.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

Cashew:

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyrifos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

## Tiruvannamalai

### SMS Advisory:

(01.02.2023-05.02.2023) Light /moderate rain is likely to occur at one or two places over Coastal and adjoining districts of Tamil Nadu,

### Livestock Advisory

1. During this month if the livestock are infested with ectoparasites care should be taken to give medicated dip during hot parts of the day and dry the animals to avoid chills.
2. The livestock must not be allowed to graze in very early morning.
3. The calving boxes must be provided with proper bedding of 10-12 to provide warmth 4. The newborn kids and lambs must be supplemented with vitamins to improve their immunity to withstand cold
5. The surplus fodder available must be preserved as silage for summer feeding.
6. Newly born piglets must be protected from cold drafts by provision of any means of heat source
7. The livestock must be provided in clean wholesome drinking water
8. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
10. Add 5% shell grit in laying hens for optimum egg production.

### Agricultural advisory

#### Rice:

To control brown leaf spot and blast disease in nursery plot, spray SAAF (Carbendazim 12% + mancozeb 63%) @ 2g per litre of water. To control leaf folder, spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water. Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

#### Groundnut:

To increase flower retention , pod filling and to induce drought tolerance apart from yield improvement , 2 sprays of groundnut rich @ 5 kg / ha( for each spray) at 35 DAS (50 % flowering ) and 45 DAS (pod development stage).

#### Banana:

To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 2.5 kg/ha. or drenching with Bacillus subtilis 5 ml/litre.

#### Coconut:

To control Rugose Spiraling Whitefly in coconut, release of Encarsia guadeloupae @ 100 parasitoids /ac (10 leafbits/ac), spray neem oil@10ml or azadiractin 1%@5ml/litre or Installation of yellow sticky traps ( 5ft. X 1.5 ft.) smeared with castor oil @ 5ml ac. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 5 traps/ha.

#### Chilli:

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

#### Mango:

NAA 20 PPM is sprayed at flowering to increase fruit retention during February 0.5 % urea ( 5g / lit) or 1 % potassium nitrate ( 10 g/lit) maybe sprayed to induce flowering, if trees do not flower by that time.

## Tiruvallur

From extended range forecast Blow normal rainfall, normal maximum temperature and minimum temperature expected for the period of 05.02.2023 to 11.02.2023 over Tamil Nadu. Farmers are advised to irrigate the crop based on the soil moisture.

Crop(Varieties)	Crop Specific Advisory
RICE	Late Samba/ Thaladi Season- Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 2. Bacterial leaf blight- Spray twice copper hydroxide 77 WP 500g per acre in 200 litres of water; 3. Brown plant hopper- Spray Azadirachtin 0.03% 400 ml (or) Spray Chlorantraniliprole 18.5% SC 60 g per acre in 200 litres of water; Drain water before use of insecticides and Direct spray towards the base of the plants, Set up light traps during night or yellow pan traps during day time, Avoid excessive use of nitrogen; 4. Rice blast - Spray Propiconazole 75 WP @ 200ml per acre in 200 litres of water (or) spray Tricyclozole @ 2g/lit of water.
RICE	Navarai season-Transplanting stage- Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water.
GROUNDNUT	1.Early leaf spot- Spray carbendazim @ 200g (or) Spray chlorothalonil @ 400g per acre in 200 liters of water; 2. Tobacco caterpillar- Spray Methomyl 40 SP 300 ml per acre in 200
	litres water to control the early instar (1st to 3rd instar) larvae. (or) Spray NSKE 5%.
BLACK GRAM	1. Yellow mosaic virus (YMV)- Installation of yellow sticky traps 5 to 6 / acre and rogue out virus injected plants and destroy and Foliar spray of 10% notchi leaf extract at 30 DAS or neem formulation @ 3 ml/l; 2.Tobacco caterpillar- Spray Chlorantraniliprole 18.5% SC 60 ml (or) Spray Flubendiamide 40 ml per acre in 200 litres of water.
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	1. Thrips- Spray imidacloprid 17.8% SL 3 ml/ 10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/ 1 liter of water; 2. Die back and Fruit rot- Spray copper oxychloride @ 2.5 g/l thrice at 15 days interval starting from noticing the die-back symptoms
BRINJAL	1.Little Leaf - Remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector; 2. Fruit borer- Spray Neem Seed Kernel Extract 5 % (or) Spray Dimethoate 30 % EC 7.0 ml/10 l. and Encourage the activity of larval parasitoids: <i>Pristomerus testaceus</i> , <i>Cremastus flavoorbitalis</i> .

## Vellore

As per the IMD extended range forecast (ERF), generally below normal rainfall and normal temperature is likely over Tamil Nadu and Puducherry during 5th to 11th February 2023. Prevailing weather condition is favorable for pest and disease incidence for all crops. Farmers are advised to monitor their field and take necessary plant protection measures based on symptoms of damage. Very light rainfall with dry weather may be expected on forthcoming days. So, farmers are advised to irrigate the field based on soil moisture.

Crop(Varieties)	Crop Specific Advisory
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RICE	To control brown leaf spot and blast disease in nursery plot, spray SAAF (Carbendazim 12% + mancozeb 63%) @ 2g per litre of water. To control leaf folder, spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water. Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 2.5 kg/ha. or drenching with Bacillus subtilis 5 ml/litre.
COCONUT	To control Rugose Spiraling Whitefly in coconut, release of Encarsia guadeloupeae @ 100 parasitoids /ac (10 leafbits/ac), spray neem oil@10ml or azadiractin 1%@5ml/litre or Installation of yellow sticky traps ( 5ft. X 1.5 ft.) smeared with castor oil @ 5ml ac. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 5 traps/ha.
CHILLI	Prevailing weather condition is favorable for thrips incidence in chilli. The symptom of damage is infected leaves develop crinckles and curl upwards. Hence farmers are requested to monitor the field and spray fipronil 1.5ml/litre.
MANGO	NAA 20 PPM is sprayed at flowering to increase fruit retention during February 0.5 % urea ( 5g / lit) or 1 % potassium nitrate ( 10 g/lit) maybe sprayed to induce flowering, if trees do not flower by that time.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	During night, all the animals should be tethered in a covered shelter. To maintain the body temperature of animals in milk, they should be fed with a mixture of oil cakes and 100 gram of jiggery per cow. Give mineral mixture 30 gram/cow.
GOAT	Deworm the non-pregnant animals with liquid oxychloxamide @ 5mg/kg of body weight. Vaccinate against P.P.R and enterotoxemia. If nasal discharge and cold administer Bolus sulphadimidine 5 gram per adult animal, half of bolus per young animals.
Poultry(Varieties)	Poultry Specific Advisory
HEN	Brooding of chicks upto one month of age with pot or electrical means. Give lukewarm water for drinking during night and morning. Give powder Neodox forto@ 1gram per two litres of drinking water.

## Cuddalore

From extended range forecast Below Normal rainfall, normal maximum temperature and minimum temperature expected for the period of 05.02.2023 to 11.02.2023 over Tamil Nadu. light to Moderate rainfall expecting for the next five days, so farmers are advised to protect the harvested crops.

Crop(Varieties)	Crop Specific Advisory
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RICE	Due to prevailing weather condition brown plant leafhopper infestation is found in paddy crop. Symptoms Nymphs and adults congregate at the base of the plant above the water level. Affected plant dries up and gives a scorched appearance called "hopper burn". Circular patches of drying and lodging of matured plant. To control spray dinotefuran 20 SG @ 80 g/ac or pymetrozine 50% WG @ 120 g/ac or thiamethoxam 25 WG @ 40 g/ac with wetting agent.
RICE	Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.
RICE	Due to prevailing weather condition false smut is found in paddy crop. To manage the false smut, spray copper oxychloride 50 WG 2.5 g/l or copper hydroxide 77 WG 2.0 g/l or propiconazole 1.0 ml/l at panicle stage and 50 % flowering stage.
GROUNDNUT	Due to prevailing weather condition there are chances of groundnut leaf miner infestation. To control spray methyl demeton 25 EC 400 ml/ac or dimethiate 30 EC 200 ml/ac.
BLACK GRAM	Due to prevailing weather condition there are chances of blackgram pot borer infestation. To control spray thiodicarb 75% WP 250 g/ac.
SUGARCANE	Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.
Horticulture(Varieties)	Horticulture Specific Advisory
CASHEW	To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyrifos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

## Coimbatore

### Agro Advisory

Crop	Stage	Advisory
General		Cool dry days with wind speed of 6-10 km/hr is expected in western zone during next five days. One or two places may receive light rainfall. Dry days are continued. Provide irrigation based on soil moisture during evening hours and apply mulches to conserve moisture. After the harvest of crops disc/tiller may be used to plough the land immediately so as to control weeds and also to make the soil friable to conserve summer monsoon rain.
Rice	Planting Milking	Navarai season rice planting may be initiated with wet and dry method of irrigation. Prevailing weather condition is favorable for the ear head bug incidence in paddy crop hence farmers are requested to monitor the crop carefully if required spray dichlorvos @ 2ml/liter of water.
Sugarcane	Vegetative	Since dry weather is continuing, early shoot borer incidence in sugarcane may be increased. Hence farmers are requested to provide frequent

		irrigation to keep the field wet and do mulching.
Banana	Planting	Dry wind with 6-12 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support.
Cucurbits	Vegetative Flowering	To encourage more female flower in cucurbits, spray Ethrel 100 ppm (1 ml in 10 lit of water) four times from 10 to 15 days after sowing at weekly intervals when sufficient moisture is available.
Turmeric	Maturity	Interval between irrigation in turmeric crop has to be increased to facilitate the maturity.
Tapioca		White fly incidence is seen in tapioca hence farmers are requested to monitor the crop carefully and place yellow sticky trap in 5 or 6 places and if required spray diazophos @ 2ml/water or imidacholoprid @ 0.6ml/ liter of water
Animal		Since the weather is conducive for occurrence of mastitis disease in dairy animals, wash the udder with 1% KMnO4 solution before and after milking.

#### SMS advisory

Dry weather favours early shoot borer incidence in sugarcane. To control keep the field in wet condition by frequent irrigation and application of mulch.

## Erode

#### Agro Advisory

Crop	Stage	Advisory
General		Cool dry days with wind speed of 6-10 km/hr is expected in western zone during next five days. One or two places may receive light rainfall. Dry days are continued. Provide irrigation based on soil moisture during evening hours and apply mulches to conserve moisture. After the harvest of crops disc/tiller may be used to plough the land immediately so as to control weeds and also to make the soil friable to conserve summer monsoon rain.
Rice	Planting Milking	Navarai season rice planting may be initiated with wet and dry method of irrigation. Prevailing weather condition is favorable for the ear head bug incidence in paddy crop hence farmers are requested to monitor the crop carefully if required spray dichlorvos @ 2ml/liter of water.
Sugarcane	Vegetative	Since dry weather is continuing, early shoot borer incidence in sugarcane may be increased. Hence farmers are requested to provide frequent irrigation to keep the field wet and do mulching.
Banana	Planting	Dry wind with 6-12 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support.
Cucurbits	Vegetative Flowering	To encourage more female flower in cucurbits, spray Ethrel 100 ppm (1 ml in 10 lit of water) four times from 10 to 15 days after sowing at weekly intervals when sufficient moisture is available.
Turmeric	Maturity	Interval between irrigation in turmeric crop has to be increased to facilitate the maturity.
Tapioca		White fly incidence is seen in tapioca hence farmers are requested to monitor the crop carefully and place yellow sticky trap in 5 or 6 places and



		if required spray diazophos @ 2ml/water or imidacholoprid @ .6ml/ liter of water
Animal		Since the weather is conducive for occurrence of mastitis disease in dairy animals, wash the udder with 1% KMnO <sub>4</sub> solution before and after milking.

#### SMS advisory

Dry weather favours early shoot borer incidence in sugarcane. To control keep the field in wet condition by frequent irrigation and application of mulch.

## Tiruppur

#### Agro advisory

Crop	Stage	Advisory
General		Cool dry days with wind speed of 6-10 km/hr is expected in western zone during next five days. One or two places may receive light rainfall. Dry days are continued. Provide irrigation based on soil moisture during evening hours and apply mulches to conserve moisture. After the harvest of crops disc/tiller may be used to plough the land immediately so as to control weeds and also to make the soil friable to conserve summer monsoon rain.
Rice	Planting Milking	Navarai season rice planting may be initiated with wet and dry method of irrigation. Prevailing weather condition is favorable for the ear head bug incidence in paddy crop hence farmers are requested to monitor the crop carefully if required spray dichlorvos @ 2ml/liter of water.
Sugarcane	Vegetative	Since dry weather is continuing, early shoot borer incidence in sugarcane may be increased. Hence farmers are requested to provide frequent irrigation to keep the field wet and do mulching.
Banana	Planting	Dry wind with 6-12 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support.
Cucurbits	Vegetative Flowering	To encourage more female flower in cucurbits, spray Ethrel 100 ppm (1 ml in 10 lit of water) four times from 10 to 15 days after sowing at weekly intervals when sufficient moisture is available.
Animal		Since the weather is conducive for occurrence of mastitis disease in dairy animals, wash the udder with 1% KMnO <sub>4</sub> solution before and after milking.

#### SMS advisory

Dry weather favours early shoot borer incidence in sugarcane. To control keep the field in wet condition by frequent irrigation and application of mulch.

## Nilgiris

To manage fruit fly in gourds, plough the inter spaces to expose pupae, collect and destroy the fallen fruits and spray Neem oil @ 30ml/l. during initial stage of fruit maturation. Prepare bait with methyl eugenol 1% solution mixed with malathion @ 2.0 ml/l. Take 10 ml of this mixture per trap and keep them in 25 different places in one hectare between 6 a.m. and 8 a.m. or keep methyl eugenol traps @25/ha. To manage leaf spot in carrot, foliar application of mancozeb @ 2 g/l is recommended.

Horticulture(Varieties)	Horticulture Specific Advisory
POTATO	To manage nematode infestation in potato, avoid growing potato year after year in the same field; soil application of Purpureocillium lilacinum @ 5kg/ha mixed with 250kg FYM is recommended.

## Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

### Agro Advisory

Crop	Stage	Advisory
General		Postpone irrigation to all crops.
		Avoid application of fertilizers and insecticides to the crops.
Rice	Harvest	Farmers are advised to harvest matured paddy immediately in order to protect from expected rainfall.
Cattle	Cow and Goat	The prevailing night time temperature is favorable for pneumonia formation in cattle. To reduce the risk, suitable night time shelter with enough heating provision must be given.

### SMS advisory

Farmers are advised to harvest matured paddy immediately in order to protect from expected rainfall.

## Dindigul

Extended range Forecast for next week (03rd – 09th Feb 2023): Rainfall: As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 03rd to 09th Feb 2023.

Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 03rd to 09th Feb 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 16°C to 22°C over the district during next week 03rd to 09th Feb 2023. Chances of light

rain on 2, 5 Feb & Moderate rain on 3 Feb. Max temp- 29°C-32°C & Min temp -20°C- 23°C. Generally cloudy sky for next 5 days. Wind speed 6-10 kmph from N, NE & E 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 a severe infestation, the flowers dry up. To control this, spray Propargite @ of 1½ ml per litre of water.
CHILLI	To control the flower, and fruit falling and to increase the fruit set in the chilly crop, farmers are advised to spray NAA 10ppm (10 mg/l of water) on the 60th and 100th days after planting. And spray Triacantanol @ 1.25 ml/l on 20, 40, 60 and 80th day of planting.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Due to the prevailing weather condition, cattle may get affected by Foot and mouth disease (FMD), Hence, farmers are advised to vaccinate their cattle in the nearby veterinary dispensary during this (January) month to protect the cattle from FMD.

## Madurai

Extended range Forecast for next week (03rd – 09th Feb 2023): Rainfall: As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 03rd to 09th Feb 2023.

Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 03rd to 09th Feb 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 16°C to 22°C over the district during next week 03rd to 09th Feb 2023. Chances of light rain during 2, 3, 4 & 5 Feb. Max temp- 29°C-32°C & Min temp -20°C- 23°C. Generally cloudy sky for next 5 days. Wind speed 8-12 kmph from N & NE directions.

Crop(Varieties)	Crop Specific Advisory
SUGARCANE	Top dressing with fertilizers will give good results in Sugarcane cultivation. In the case of the lift irrigation belt, apply 225 kg of nitrogen and 112 ½ kg of K <sub>2</sub> O per hectare in three equal splits during 30, 60 and 90 days.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	The incense of Fusarium wilt disease was noticed in Banana. The first obvious signs of the disease in most of the varieties are wilting, a light yellow colouring of the lower leaves, most prominent around the margins, they eventually turn into bright yellow colour with dead leaf margins. To control, follow the crop rotation practices and apply 2kg of Farm yard manure + Trichoderma viride @ 40gm + Pseudomonas @ 40gm + Neem Cake @ 200gm, mix thoroughly and apply ½ feet away from the root portion of sucker.
Live Stock(Varieties)	Live Stock Specific Advisory

COW	Due to the prevailing weather condition, cattle may get affected by Foot and mouth disease (FMD), Hence, farmers are advised to vaccinate their cattle in the nearby veterinary dispensary during this (January) month to protect the cattle from FMD.
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## Pudukottai

Extended Range Forecast For Tamil Nadu February 05. 02 .2023 to 11.02.2023 (During the Week from 05 th to 11 th February Above Below Normal Rainfall . maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu. Postpone irrigation, fertilizer and pesticide application to all crops. Provide adequate drainage facility to cropped fields wherever essential due to light to moderate rainfall forecast.

Crop(Varieties)	Crop Specific Advisory
GINGELLY	Use the expected rainfall to land preparation for Sesamum cultivation which can be grown as a Rainfed crop in Masipattam. Drought tolerant varieties like TMV 3, TMV 4, TMV 6, TMV 7, CO 1, VRI 1, SVPR 1, VRI (SV) 2 etc. should be selected and sowing should be done after the expected rains.
BLACKGRAM	Due prevailing weather conditions Blackgram, powdery mildew disease would be more pronounced due to dew in morning time. Symptom • White powdery patches appear on leaves and other green parts which later become dull coloured. These patches gradually increase in size and become circular covering the lower surface also. • When the infection is severe, both the surfaces of the leaves are completely covered by whitish powdery growth. Severely affected parts get shriveled and distorted. • Management: • spray carbendazim 100g/ac or wettable sulphur 1 kg/ac.
Crop(Varieties)	Crop Specific Advisory
RICE	Navarai season rice planting may be initiated with wet and dry method of irrigation. Due to low minimum temperature, zinc deficiency may be seen in rice which is around flowering. Spray 5 gram Zinc sulphate + 10 gram urea per litre of water, followed by another spray within 10 days. Prevailing weather condition is favorable for the ear head bug incidence in paddy crop hence farmers are requested to monitor the crop carefully if required spray dichlorvos @ 2ml/liter of water.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Mix 50 g of Azospirillum, 50 g of Phosphobacteria ( or ) 100 g Azophos and 50 g of VAM in sufficient quantity of compost or FYM and apply near feeding roots palm starting from planting. Don't mix with chemical fertilizers and pesticides.
TOMATO	There are chances for rot disease in vegetable crops due to continuous rain. To avoid the spread of rot disease, spray or drench Copper Oxochloride @ 2 gms per litre of water.
	The current season is the time for mango to bloom Mango hoppers. Symptoms of

MANGO	damage • Nymphs and adults suck the sap of inflorescence • Withering • Shedding of flower buds and flowers • Presence of honey dew secretion on lower leaves and development of sooty mould. • Clicking sound - movement of jassids amidst leaves. Hoppers provide shelter in the cracks and crevices of the barks on the tree Management • . • Orchards must be kept clean by ploughing and removal of weeds. Spray two rounds of acephate 75 SP@ 1g/lit or phosalone 35 EC@ 1.5 ml/li.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	During the last week of January, usually the night temperature is low and day temperatures are slightly higher indicating late winter. All these days will witness wide variation in the temperatures. Above weather conditions may cause some stress to livestock and poultry. This will largely influence the bird's ability to consume more feed, reduced egg production in birds and decreased milk yield with low fat in dairy animals. It can be prevented by addition of vegetable oil @ 5 kg / tonne in the feed for birds. Animals shed should be protected from cold by covering the side and top walls of the shed.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	By,utilizing the expected rainfall sowing of pulses and Small Millets can be taken up in dry land If sowing is done already, gap filing may be done. As continuous rain is expected .To overcome feed shortage during ensuing summer season, farmers • are advised to cultivate cenchrus grass and stylo fodder in rainfed.

## Ramanathapuram

To overcome the drought situation in rice, spray PPFM @ 250-400 ml / 200 liter of water or spray @ 2-3 kg of Kcl with 200 liter of water at evening hours. Changing weather condition is favourable for ectoparasites in livestock so apply de-ticking solution like cypermethrin 1% (clinar) externally.

Crop(Varieties)	Crop Specific Advisory
COTTON	Prevailing weather condition incidence of leaf hopper is expected in cotton. The damage symptoms are margin of the leaves start curling downwards and reddening.In the case of severe infestation, leaves get a bronze or brick red colour which is typical "hopper burn" symptom.The margin of the
	leaves get broken and crumble into pieces when crushed.The leaves dried up and are shed and the growth of the crop is retarded. If symptoms are observed in cotton field spray any one of the following chemicals. Fipronil 5% SC @ 600 ml/ac or Imidacloprid 17.8% SL @ 40 ml/ac or Thiamethoxam 25% WG @ 40g/ac.
Horticulture(Varieties)	Horticulture Specific Advisory

CHILLI	Due to the prevailing weather condition incidence of mite is noticed in chilli. The damage symptoms are downward curling and crinkling of leaves. Leaves with elongated petiole and stunted in growth. If symptoms are observed in field spray any one of the following miticide at rotational basis. Spiromesifen 22.9 SC @ 100 ml or Fenpyroximate 5 EC @ 200 ml or Fenazaquin 10 EC 400 ml
COCONUT	Due to the prevailing weather condition incidence of rugose whitefly is expected in coconut. The damage symptoms are presence of heavy white waxy material and sticky honeydew on the under surface of leaves and become black sooty mold formation on the coconut leaves. If symptoms are observed in coconut tree. Spraying of water forcibly on the under surface of the palm by forcible sprayers. Setting up of yellow sticky traps smeared with castor oil @ 10 Nos. /acre. Spraying with boiled maida flour paste @ 25g/liter of water. Spraying of @ 5 ml of neem oil in one liter of water along with 1 ml of sandovit as sticking agent.
COCONUT	Due to the prevailing weather condition incidence of incidence of thanjore wilt is expected in coconut. Initial symptoms of Thanjorewilt start with yellowing and drooping of the outer whorl of leaves followed by exudation of reddish brown liquid through cracks at the base of the trunk and decaying of tissues at bleeding point. To manage the wilt, spray Hexaconazole 5 SC 2 ml with 100 ml of water applied as root feeding (3 times at 3 months interval).

## Sivagangai

Heavy Rainfall Warning: Heavy rain is likely to occur at one or two places over the district on 2 Feb 2023. Farmers are advised to act swiftly to repair the water channels, farm ponds and other water bodies to harvest the rain water. During these days farmers are advised to avoid irrigation, inter-cultural operations and application of plant protection measures to the standing crops, provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall, do not allow the animals to graze outside, standing near the trees or electric poles & provide safe shelter. Chances of Moderate rain on 2 Feb & light rain on 3, 5 Feb. Max temp- 29°C-32°C & Min temp -20°C- 23°C. Generally cloudy sky for next 5 days. Wind speed 8-12 kmph from N& NE directions.

Horticulture(Varieties)	Horticulture Specific Advisory
OKRA/ LADYFINGER	The occurrence of powdery mildew growth is seen in Bhendi fields. Greyish powdery growth is seen on the upper and lower surface of the leaf, it also affects young stems, buds, flowers and young fruits. Infected leaves may become distorted, turn yellow with small patches of green and fall prematurely, causing a severe reduction in fruit yield. To control, spray any one of the chemicals, wettable sulphur @ 25gm per tank or Hexaconazole @ 25ml per 10 litres of water. Plant protection activities can be done only on non-rainy days.
MANGO	There are chances for the incidence of Anthracnose disease in Mango fields, to control the anthracnose, farmers are advised to go for a foliar spray of Propiconazole @ 1.5gram per litre of water is recommended.
Live Stock(Varieties)	Live Stock Specific Advisory

COW	Due to the prevailing weather condition, cattle may get affected by Foot and mouth disease (FMD), Hence, farmers are advised to vaccinate their cattle in the nearby veterinary dispensary during this (January) month to protect the cattle from FMD.
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## Theni

Extended range Forecast for next week (03rd – 09th Feb 2023): Rainfall: As per extended range predictions, there is possibility of slightly above normal rainfall likely over the district during 03rd to 09th Feb 2023.

Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 32°C over the plains of the district during next week. 03rd to 09th Feb 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 16°C to 22°C over the district during next week 03rd to 09th Feb 2023. Chances of light rain during 2, 3, 4 & 5 Feb. Max temp- 29°C-32°C & Min temp -20°C- 23°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from N & NE directions.

Crop(Varieties)	Crop Specific Advisory
JASMINE	It is the suitable time for pruning in Jasmine cultivation. The Jasmine plant bushes are pruned to 50 cm height from the ground level. During pruning the diseased twigs and unwanted branches should be removed, it helps to expose the sunlight to plants.
Horticulture(Varieties)	Horticulture Specific Advisory
GRAPES	Prevailing weather is suitable for pruning in Grapes field. In general, four bud level pruning can be adopted for Muscat, Green grapes, hybrids and two bud level pruning for Thompson Seedless. It is better to decide the level of pruning as per bud forecasting technique. Weak and immature vines should be pruned with one or two buds to induce vegetative growth. Pruning can be done during December & January months for summer crop and May & June months for monsoon crop.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Due to the prevailing weather condition, cattle may get affected by Foot and mouth disease (FMD), Hence, farmers are advised to vaccinate their cattle in the nearby veterinary dispensary during this (January) month to protect the cattle from FMD.

## Kanyakumari

### AGRO ADVISORIES:

S. N.	CROP	STAGES	ADVISORIES
	There are possibilities of rainfall during the forth coming five days. Maximum temperature will range from 30 - 33°C and minimum temperature will range from 18 - 21°C. Mostly cloudy condition may prevail. The relative humidity will be 40 to 90 %. Wind speed may be 12 – 18 km / hr in East direction.		
1.	Horticultural crops.	All stages	Basins can be formed for all tree crops and coir compost should be applied to conserve moisture in banana, pepper, clove, nutmeg, cinnamon and coconut.

2.	Fruit trees and Tree spices	All stages	Strengthening the basins may be taken up for better harvesting of rains.
3.	Banana	Shooting stage.	High wind Speed (12 - 18.0 km/hr) is anticipated it is advised to provide mechanical support to banana crop to avoid lodging.
4.	Pepper	All stages	The runner shoots may be protected from spreading on the ground by coiling it on supports.
5.	Rice	Harvesting stage	As rainfall is expected, harvested paddy grains should be stored in dry places.
6.	Coconut	Juvenile period, pre-bearing and bearing stage.	Apply coir pith up to a height of 10 cm in the basin of coconut trees.

SMS Advisory

Strengthening the basins may be taken up for better harvesting of rains.

## Salem

Weather Advisory Bulletin for livestock, poultry and agro advisory

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Crops	General	Irrigate the crop as per requirement and use mulching to reduce evaporation, enhance water holding capacity and soil health
Coconut	General	Prevent the young calves and kids from chillness by covering the surrounding with gunny bags or coconut leaves. The cows and sheep should be allowed for grazing after 10 am in the morning.
Livestock		<p><b>Cow</b> The livestock should not be allowed for gracing in early hours of morning to avoid fluke infestations. Dairy cows/buffaloes in the advanced stages of pregnancy should be shifted to calving pen which is kept damp free and clean The surplus of fodder may be preserved as silage for using summer. The side wall of young livestock must be shielded with gunny bag or sheet to prevent cold draft attack.</p>
Brinjal:	Vegetative	The prevailing weather would favour the occurrence of bacterial wilt in brinjal. To manage bacterial wilt, mix 500 g copper oxychloride or 100 g of streptomycin sulphate (per acre) in 200 l of water and spray.
Blackgram:	Vegetative	Install yellow stick trap @ 10 numbers per acre to monitor the whitefly incidence. To manage this vector (white fly) of yellow mosaic disease spray 5 % Neem seed Kernel extract or thiamethoxam 25 WG – 50g/ac using hand operated sprayer.



Gourds	Vegetative	Prevailing weather is favourable for fruit fly incidence in Gourds. Collect infested and fallen fruits and burn in deep pits. To control spray Malathion 1ml/litre of water.
Chilly	Vegetative	High day temperature and lower night temperature 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 may be observed in Tomato due to prevailing weather. To control spray 5 per cent Neem Seed Kernel Extract
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.
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.

## Namakkal

### Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	Sheep and Goat	<p>PPR is an acute contagious viral disease affects small ruminants (goat &amp; sheep) with high rate of morbidity and mortality. It is prevalent throughout Tamil Nadu and reported all round the year. The virus is shed in tears, nasal discharge from coughing and in the faeces of the infected goats and sheep. Close contact between healthy and infective animals in confinements, in shandies and during festivals results in out breaks. New stocks of animals introduced into the farm without quarantine also results in outbreaks.</p> <p style="text-align: center;">Symptoms</p> <p>Sudden onset of fever, severe depression and loss of appetite. Clear nasal discharge at first, then becoming thick mucopurulent followed by blocking of airways breathing gives a putrid odour to the breath. In early stage, accumulation of dead cells on the lower gums and commissures ; ulcers in dental pad, hard palate, cheeks and tongue. Foul smelling diarrhoea and young animals are mostly severely affected. Goats are affected more than sheep.</p> <p style="text-align: center;">Vaccination</p> <p>Vaccination to be given before monsoon.First vaccinate all the goats / sheep in the age of 4 months and above. Revaccination to be done annually. Avoid vaccinating the animals in advanced stages of pregnancy and lactating animals.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Small onion	Vegetative stage	<p>leaf blight in onion crop</p> <p>Symptoms</p> <p>Hundreds of white specks are seen on the foliage</p>

		<p>The disease then spreads very rapidly and tops of the entire crop may be killed.</p> <p>Management measures Carbendazim @ 4 gram / kg of bulb treatment. Or Mancozeb or Chlorothalonil or Redomylcold 1 gram / litre of water 5 – 7 days interval during incidence.</p>
Tapioca	Vegetative stage	<p>Spiraling whitefly in Tapioca</p> <p>Symptoms The infested leaves will become yellow. Development of Sooty mould fungus in lower leaves. Dropping of affected leaves. Adult powdery white fly will be active during early morning.</p> <p>Management measures Removal of unwanted weeds and infested leaves. Setting up of yellow sticky trap 10 – 15 numbers / acre for monitoring. If the damage is beyond the economic threshold level, foliar spraying of Neem oil 3 % and foliar application of Imidacloprid @ 1 ml / litre or thiamethoxam @ 1 gram / litre of water /acre may be undertaken.</p>

## Dharmapuri

### Weather Advisory Bulletin for livestock, poultry and agriculture

<p><b>General Advisory</b> As Very light to light rainfall is expected for this week. Based on the local weather and crop requirement irrigation may be provided. 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, Harvested agricultural and horticultural produce may be stored under protective shelter and to protect the livestock, poultry and pets.</p>	
<p>SMS: Very light to light Rainfall - Chilli thrips- Spinosad 45% SC 3.2ml/10 litre of water. Mango hoppers incidence – Tolfenpyrad 1.5 m.l/. &amp; crop requirement Irrigation may be given.</p>	
Crop	Advisory
Turmeric	<p>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.</p>
Mango	<p>Prevailing weather Mango hoppers incidence Nymphs and adults suck the sap of inflorescence, Withering. Shedding of flower buds and flowers, Presence of honey dew segregation on lower leaves and development of sooty mould. Clicking sound – movement of jassids amidst leaves. Hoppers provide shelter in the cracks and crevices of the barks on the tree Management of the incidence Avoid close planting, as the incidence very severe in overcrowded orchards. Orchards must be kept clean by ploughing and removal of weeds. Spray Tolfenpyrad 1.5 m.l./lit</p>
Chilli	<p>Chilli thrips Symptoms: 1. Crinkling and curling upwards. 2. Elongated Petiole. 3. Buds become brittle and drop down. 4. Early stage infestation leads to stunted growth and flower production and fruit set are arrested. Management: 1. Don't follow chilli and onion mixed crop. 2. Sprinkle water over the seedlings to control the multiplication of thrips. 3. Spray with Spinosad 45% SC 3.2ml/10 litre of water.</p>

Goat	Goat pox: A Serious viral disease of goats commonly occurring in summer. The disease spread by direct contact and contaminated feed and water. Symptoms: High fever followed by appearance of blisters on the hairless parts of the body especially lips, nose, mouth, eyes, Groin, Udder and under the base of the tail. Prevention: 1. Vaccinating the animals above 3 months- primary Vaccination.2.Annual revaccination should be done at the time of Feb-March. Treatment: 1.Isolate the affected animal and treating them symptomatically. 2. Boric acid and glycerin paste can be applied over the skin lesions.3. Antibiotics should be given for 3-5 day
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## Krishnagiri

### Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	Sheep and Goat	<p>PPR is an acute contagious viral disease affects small ruminants (goat &amp; sheep) with high rate of morbidity and mortality. It is prevalent throughout Tamil Nadu and reported all round the year. The virus is shed in tears, nasal discharge from coughing and in the faeces of the infected goats and sheep. Close contact between healthy and infective animals in confinements, in shandies and during festivals results in out breaks. New stocks of animals introduced into the farm without quarantine also results in outbreaks.</p> <p style="text-align: center;">Symptoms</p> <p>Sudden onset of fever, severe depression and loss of appetite. Clear nasal discharge at first, then becoming thick mucopurulent followed by blocking of airways breathing gives a putrid odour to the breath. In early stage, accumulation of dead cells on the lower gums and commissures ; ulcers in dental pad, hard palate, cheeks and tongue. Foul smelling diarrhoea and young animals are mostly severely affected. Goats are affected more than sheep.</p> <p style="text-align: center;">Vaccination</p> <p>Vaccination to be given before monsoon.First vaccinate all the goats / sheep in the age of 4 months and above. Revaccination to be done annually. Avoid vaccinating the animals in advanced stages of pregnancy and lactating animals.</p>
Agro advisory from Krishi Vigyan Kendra		
Small onion	Vegetative stage	<p>leaf blight in onion crop</p> <p>Symptoms Hundreds of white specks are seen on the foliage The disease then spreads very rapidly and tops of the entire crop may be killed.</p> <p>Management measures Carbendazim @ 4 gram / kg of bulb treatment. Or Mancozeb or Chlorothalonil or Redomylcold 1 gram / litre of water 5 – 7 days interval during incidence.</p>
Tapioca	Vegetative stage	Spiraling whitefly in Tapioca

		<p><b>Symptoms</b> The infested leaves will become yellow. Development of Sooty mould fungus in lower leaves. Dropping of affected leaves. Adult powdery white fly will be active during early morning.</p> <p><b>Management measures</b> Removal of unwanted weeds and infested leaves. Setting up of yellow sticky trap 10 – 15 numbers / acre for monitoring. If the damage is beyond the economic threshold level, foliar spraying of Neem oil 3 % and foliar application of Imidacloprid @ 1 ml / litre or thiamethoxam @ 1 gram / litre of water /acre may be undertaken.</p>
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## Karaikal

### Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Green gram	Sowing	Rice fallow green gram variety, ADT 3 @ 25 kg/ha shall be used for sowing till second week of February. Broadcast the seeds 7 days prior to harvest of paddy crop.
Rice	Harvesting	Provide drainage, harvest the rice crop, dry and store rice grains with 14 to 16% moisture.
Goat	Sheep and goat pox	There is a chance of an occurrence of sheep and goat pox in summer season. Hence, to prevent the pox, sheep and goat should be vaccinated before summer.

SMS: Light to heavy rain is expected for next few days. Hence, provide drainage to crops.

## Puducherry

### Weather based Agro-Advisories:

Crop	Stage/ Particulars	Agro Advisory
Black gram/ Green gram	Flowering stage	Two percent of DAP spray (Dissolve 4.5 kg of DAP in 10 litres of water previous day night and at morning the supernatant liquid shall be mixed with 190 litres of water) may be done at the time of flowering and another dose at fifteen days after first spray for rice fallow pulses. To manage yellow mosaic virus disease in black gram and green gram, spray Methyldematon 25%EC 1ml/l or Dimethoate 30%EC 2ml/l to manage vectors like whitefly and aphids.
Groundnut	Pegging	In groundnut crop apply gypsum 200kg + borax 10 kg and earthing up on 45 DAS for improving flowering and pod formation.
Jasmine	Flowering stage	Due to prevailing weather condition, there may be changes of budworm infestation in jasmine. To control budworm, Setup 4 helilure sex pheromone trap per acre, spray Bacillus thuringiensis 2g/ lit.

Brinjal	Before sowing	To control the damping of infection in brinjal treat seeds with Trichoderma viride @ 4 g / kg or bacillus subtilis @ 10 g /kg of seeds treat with 24 hours before sowing.
Cow		To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
General Advice		To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

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 with thunderstorm & lightning is likely to occur at one or two places from 01.02.2023 to 03.02.2023. Light to moderate rain is likely to occur at one or two places on 04.02.2023 & 05.02.2023. 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
BLACK GRAM	Flowering stage - Two percent of DAP spray (Dissolve 4.5 kg of DAP in 10 litres of water previous day night and at morning the supernatant liquid shall be mixed with 190 litres of water) may be done at the time of flowering and another dose at fifteen days after first spray for rice fallow pulses. To manage yellow mosaic virus disease in black gram and green gram, spray Methyldematon 25%EC 1ml/l or Dimethoate 30%EC 2ml/l to manage vectors like whitefly and aphids.
GROUNDNUT	Pegging - In groundnut crop apply gypsum 200kg + borax 10 kg and earthing up on 45 DAS for improving flowering and pod formation.
JASMINE	Flowering stage - Due to prevailing weather condition, there may be changes of budworm infestation in jasmine. To control budworm, Setup 4 helilure sex pheromone trap per acre, spray Bacillus thuringiensis 2g/ lit.
BRINJAL	Before sowing - To control the damping of infection in brinjal treat seeds with Trichoderma viride @ 4 g / kg or bacillus subtilis @ 10 g /kg of seeds treat with 24 hours before sowing.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.

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.

