

तमिलनाडु के लिए जिला स्तरीय कृषि मौसम सलाहकार बुलेटिन



**DISTRICT LEVEL**

**Agro meteorological Advisory Bulletin for the state of  
Tamil Nadu Bulletin No. 011/2024**

For the period 0830 IST, 06<sup>th</sup> February 2024 to  
0830 IST, 11<sup>nd</sup> February 2024

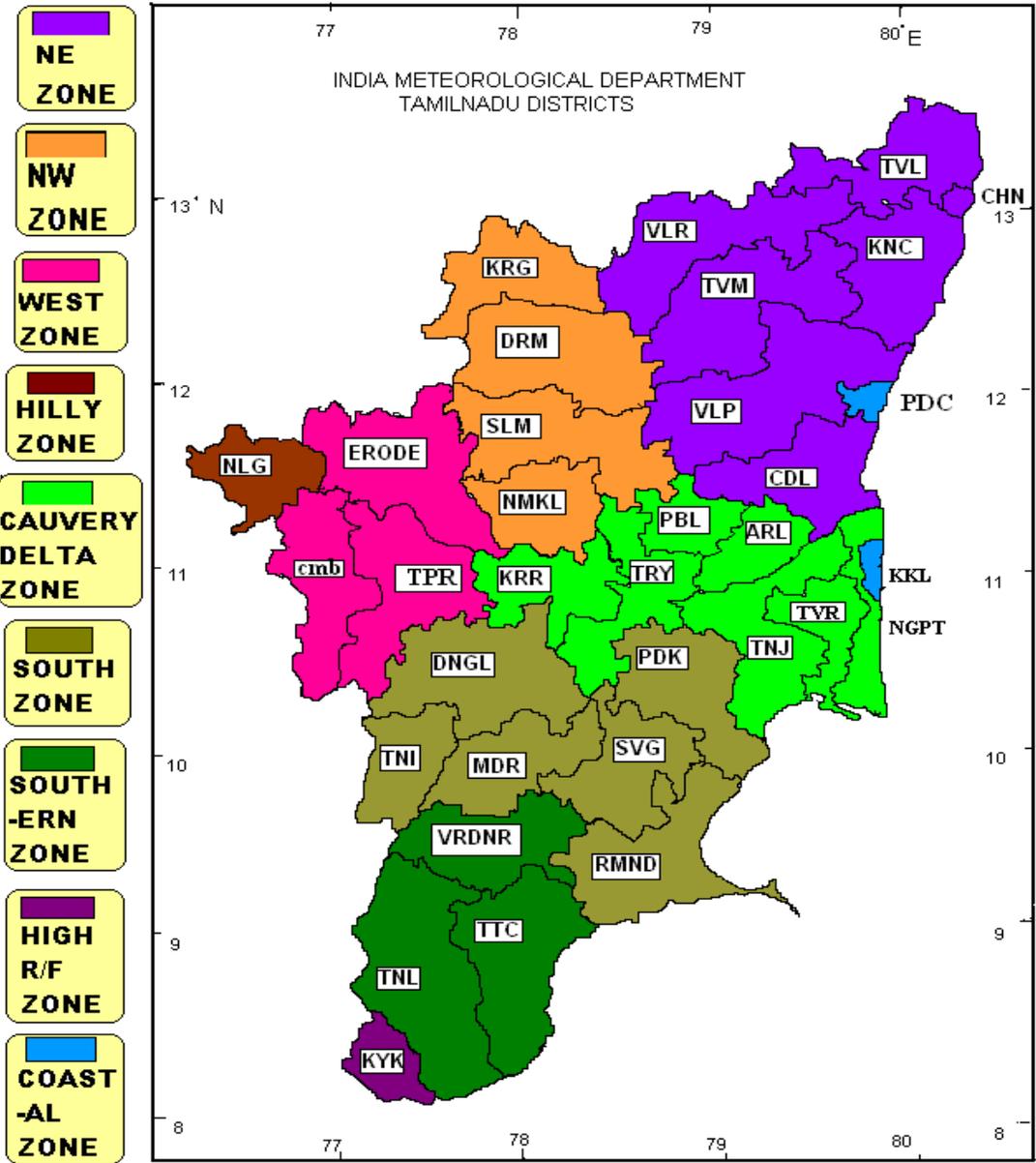
**Issued on Tuesday, 06<sup>th</sup> February 2024**

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 02.02.24 to 05.02.24 for the State of Tamilnadu & Puducherry**

**Temperature:**

Maximum Temperature of range 28°C – 36°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 18°C – 24°C during the period.

Minimum temperature of range 19°C - 26°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 06°C - 10°C during the same period.

**Spatial distribution of Rainfall**

Spatial distribution of Rainfall	Tamil Nadu	Puducherry
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	--	--
Isolated (One or Two Places)	02.02.24 to 04.02.24	--
Dry	05.02.24	02.02.24 to 05.02.24

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

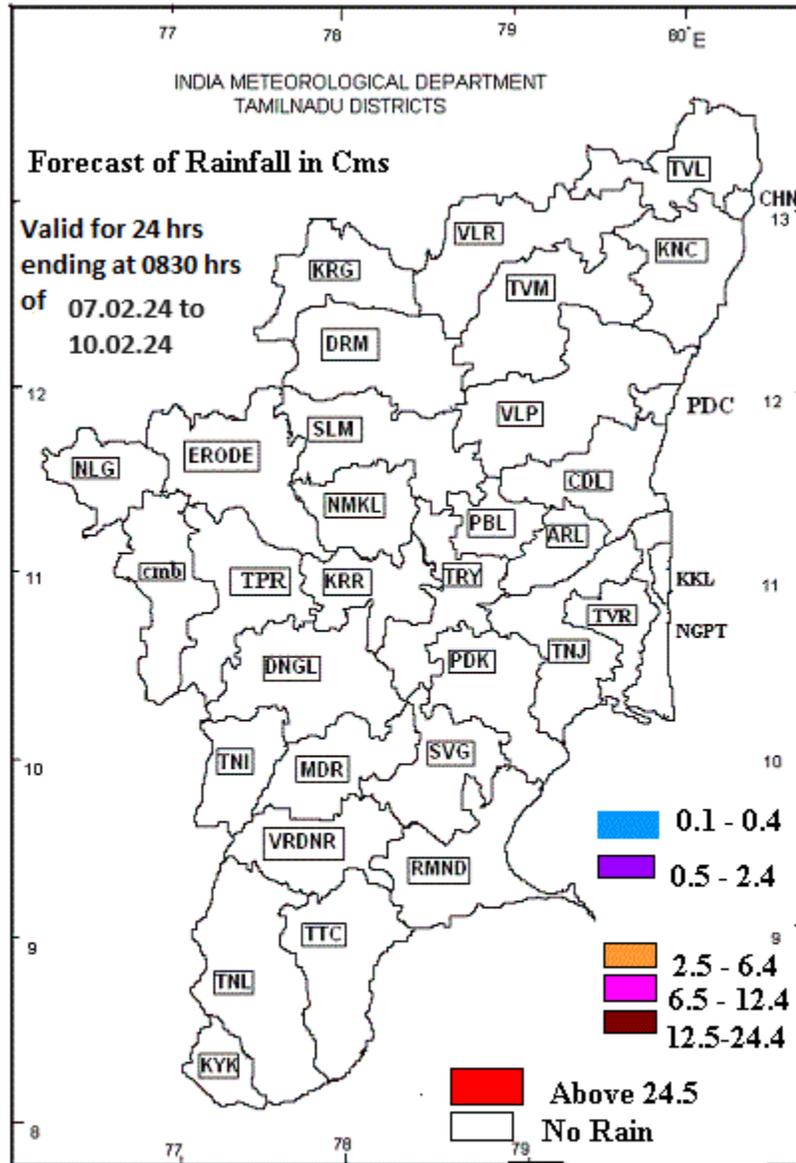
**02.02.24** : Vembakottai (dist Virudhunagar), Kunderipallam (dist Erode) 5 each, Kadambur (dist Thoothukudi), Kalugumalai (dist Thoothukudi), Kayathar (dist Thoothukudi) 4 each, Bhavanisagar (dist Erode), Rajapalayam (dist Virudhunagar), Perunchani Dam (dist Kanniyakumari) 3 each, Puthan Dam (dist Kanniyakumari), Kovilpatti (dist Thoothukudi), Sathyamangalam (dist Erode) 2 each, Palayamkottai (dist Tirunelveli), Suralacode (dist Kanniyakumari), Thirparappu (dist Kanniyakumari), Old Taluk Office Srivaikuntam (dist Thoothukudi), Balamore (dist Kanniyakumari), Kovilpatti AWS (dist Thoothukudi), Thiruchendur AWS (dist Thoothukudi) 1 each.

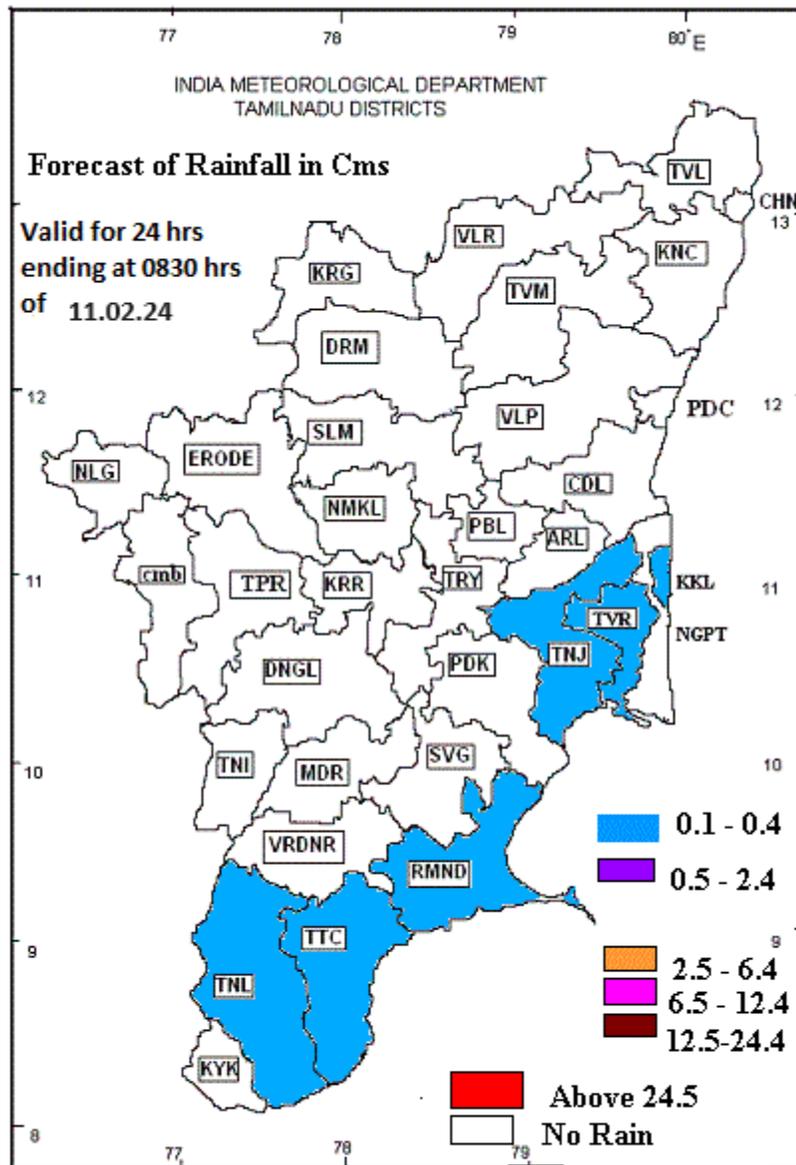
**03.02.24** : Kil Kotagiri Estate (dist Nilgiris), Ramnadu Kvk Aws (dist Ramanathapuram) 2 each, Kodanad (dist Nilgiris) 1.

**04.02.24** : Nil

**05.02.24** : Nil

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 06.02.24  
VALID FOR THE NEXT 5 DAYS**





## District-wise Agromet Advisories

### Chennai

SMS Advisory:

(07.02.2024-11.02.2024) Dry weather is very likely to prevail over Tamilnadu.

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 or piglet comfort crate
7. The livestock must be provided with 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:

(07.02.2024-11.02.2024) Dry weather is very likely to prevail over Tamilnadu.

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 or piglet comfort crate
7. The livestock must be provided with 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:

(07.02.2024-11.02.2024) Dry weather is very likely to prevail over Tamilnadu.

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 or piglet comfort crate
7. The livestock must be provided with 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 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.

Sugarcane:

Crown mealy bug and pokkahboeng disease of sugarcane observed in field. Symptoms are stunted growth, terminal shoot drying, yellowing of leaf and weakening of cane. To control follow integrated management practices.

Sett treatment - carbendazim 50 WP @ 2 g/lit for 30 min & imidacloprid 70 WS @ 1.5 ml/lit. for 5 min before planting,

Monitor ant movement in the border rows at regular intervals,

Prophylactic measure - in endemic area, field borders (3 rows) spray imidacloprid 17.8 SL @ 3 ml/10 lit (or) chlorantraniliprole 18.5 SC 4 ml /10 lit (or) clothianidin 50 WDG @ 5g/10 lit (or) spirotetramet 150 OD @ 12.5 ml/10 lit (or) Flonicamid 50% WG @ 3 g/10 lit. If infestation crosses ETL (10%), the insecticide application should be repeated at 20 days interval with rotation of above insecticides. Before spraying ensure de-trashing and it should be done at 5 months after planting.

If Pokkahboeng noticed, spray carbendazim 50 WP @ 2 g/lit or propiconazole 25 EC@ 2 ml/lit + sticking agent @ 1 ml/lit 3 times at 20 days interval. Spray should be directed towards central whorl for better control

Ratoon cropping should be discouraged after two ratooning in the endemic areas

Groundnut:

Due to prevailing weather conditions, there are chances of tobacco caterpillar in groundnut. To control install pheromone trap 5 nos/ac. Spray flubendiamide 20 WG 120 gram/ac or Quinalphos 20 AF @ 500ml/ac.

Coconut:

Installation of yellow sticky traps (25 Nos./ ha) on the palm trunk to trap the adult whiteflies. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae at emerging zones of whitefly outbreak.

In sever case, spray neem oil 20 ml/l of water or spray Azadirachtin 2.0 ml/l of water with 1.0 ml of sticking agent.

## Tiruvannamalai

SMS Advisory:

(07.02.2024-11.02.2024) Dry weather is very likely to prevail over Tamilnadu.

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 or piglet comfort crate
7. The livestock must be provided with 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 the heavy dew falls there is a possibility to prevail the rice blast disease. To control the rice blast disease spray azoxystrobin 25 SC ml/litre.

Redgram:

Foliar spray of TNAU Pulse Wonder @ 2 kg/acre in 200 litres of water at flower initiation stage decreases flower shedding, increases yield

Banana:

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

Brinjal:

Application of 1.5% foliar spray of PPFM at the flowering stage in Brinjal, will prevent the premature falling of flowers and increase the numbers and quality of fruits.

## Cuddalore

### Weather Advisory:

Dry weather will be expected forthcoming days. Morning time humidity 90%, in daytime 40-50% will be expected. Maximum temperature will be 31.0-33.0°C and Minimum temperature will be 21.0-22.0°C. High wind speed of 10-16 kmph expected.

### General Advisory:

From extended range forecast above normal rainfall, normal maximum temperature and minimum temperature expected for the period of 11.02.2024 to 17.02.2024 over Tamil Nadu.

### SMS Advisory:

Harvested paddy seeds may be dried to 13% moisture content to prevent pests damage in storage. 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.

### Greengram

Rice fallow pulses farmers advised to treat the seed with Carbendazim @ 2.0 g/kg of seed before the sowing.

### Groundnut

Due to prevailing weather conditions, there are chances of tobacco caterpillar in groundnut. To control install pheromone trap 5 nos/ac. Spray flubendiamide 20 WG 120 gram/ac or Quinalphos 20 AF @ 500ml/ac.

### Coconut

Installation of yellow sticky traps (25 Nos./ ha) on the palm trunk to trap the adult whiteflies.  
Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae at emerging zones of whitefly outbreak.

In severe case, spray neem oil 20 ml/l of water or spray Azadirachtin 2.0 ml/l of water with 1.0 ml of sticking agent.

### Cow

Grazing of immature tender grasses will lead to low milk fat content. The Prevailing climate is conducive for mastitis infection in milch animals. Hence, clean the udder with 1% KMnO<sub>4</sub> before and after milking

## Coimbatore

### Agro Advisory

Crop	Stage	Advisory
General		Dry days are expected during next week with wind speed of 6-14 km/hr in western zone districts. Maximum temperature is slightly increasing. Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture. By utilizing the dry days complete the harvest of samba paddy, pulses and millets at harvesting stage.
Rice	Grainfilling	Prevailing weather condition is favorable for the ear head bug incidence in paddy crop hence monitor the crop carefully if required spray dichlorvos @ 2ml/liter of water.
Maize	Sowing	By utilizing the favourable weather, sowing of irrigated maize may be continued with assured irrigation.

Sugarcane	Planting	Under prevailing weather conditions planning may done to plant early season sugarcane as early as possible.
Turmeric	Rhizome maturing	Interval between irrigation in turmeric crop has to be increased to facilitate the maturity.
Banana	4 months	Prevailing weather is favourable for sigatoka leaf spot in banana where soil moisture is high. Therefore, dry the field and remove the affected leaves & burn it. Spray Carbendazim @ 1 g/lit., of water.
Animal Husbandry		The afternoon relative humidity drops to <30 %, So clean drinking water should be provided to reduce the thirstiness in livestock.

#### SMS advisory

The afternoon relative humidity drops to <30 %, So clean drinking water should be provided to reduce the thirstiness in livestock.

## Erode

#### Agro Advisory

Crop	Stage	Advisory
General		Dry days are expected during next week with wind speed of 6-14 km/hr in western zone districts. Maximum temperature is slightly increasing. Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture. By utilizing the dry days complete the harvest of samba paddy, pulses and millets at harvesting stage.
Rice	Grain filling	Prevailing weather condition is favorable for the ear head bug incidence in paddy crop hence monitor the crop carefully if required spray dichlorvos @ 2ml/liter of water.
Maize	Sowing	By utilizing the favourable weather, sowing of irrigated maize may be continued with assured irrigation.
Sugarcane	Planting	Under prevailing weather conditions planning may done to plant early season sugarcane as early as possible.
Turmeric	Rhizome maturing	Interval between irrigation in turmeric crop has to be increased to facilitate the maturity.
Banana	4 months	Prevailing weather is favourable for sigatoka leaf spot in banana where soil moisture is high. Therefore, dry the field and remove the affected leaves & burn it. Spray Carbendazim @ 1 g/lit., of water.
Animal Husbandry		The afternoon relative humidity drops to <30 %, So clean drinking water should be provided to reduce the thirstiness in livestock.

#### SMS advisory

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## Tiruppur

### Agro Advisory

Crop	Stage	Advisory
General		Dry days are expected during next week with wind speed of 6-14 km/hr in western zone districts. Maximum temperature is slightly increasing. Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture. By utilizing the dry days complete the harvest of samba paddy, pulses and millets at harvesting stage.
Rice	Grain filling	Prevailing weather condition is favorable for the ear head bug incidence in paddy crop hence monitor the crop carefully if required spray dichlorvos @ 2ml/liter of water.
Maize	Sowing	By utilizing the favourable weather, sowing of irrigated maize may be continued with assured irrigation.
Sugarcane	Planting	Under prevailing weather conditions planning may be done to plant early season sugarcane as early as possible.
Turmeric	Rhizome maturing	Interval between irrigation in turmeric crop has to be increased to facilitate the maturity.
Banana	4 months	Prevailing weather is favourable for sigatoka leaf spot in banana where soil moisture is high. Therefore, dry the field and remove the affected leaves & burn it. Spray Carbendazim @ 1 g/lit., of water.
Animal Husbandry		The afternoon relative humidity drops to <30 %, So clean drinking water should be provided to reduce the thirstiness in livestock.

### SMS advisory

The afternoon relative humidity drops to <30 %, So clean drinking water should be provided to reduce the thirstiness in livestock.

## Nilgiris

For the management of nematode in carrot, soil application of neem cake @ 1 ton/ha at planting. Biofumigation of mustard plants followed by application of neem cake @ 250kg/ha along with *Purpureocillium lilacinum* @ 5kg/ha is recommended.

To manage blister blight in tea, spray of hexaconazole @ 200 ml + copper oxychloride @ 210 g/ha at 5 days or copper oxychloride @ 210 g + propiconazole @ 200 ml/ha at 10 days interval is recommended.

Horticulture (Stage)	Horticulture Specific Advisory
BLACK PEPPER (Vegetative)	Soil application <i>Bacillus subtilis</i> (BbV 57) or <i>Pseudomonas fluorescens</i> @ 10 g/vine is recommended for the management of root knot and reniform nematode population in black pepper.

## Nilgiris Block level Coonoor, Gudalur, Kotagiri and Ooty Blocks

For the management of nematode in carrot, soil application of neem cake @ 1 ton/ha at planting. Biofumigation of mustard plants followed by application of neem cake @ 250kg/ha along with *Purpureocillium lilacinum* @ 5kg/ha is recommended.

To manage blister blight in tea, spray of hexaconazole @ 200 ml + copper oxychloride @ 210 g/ha at 5 days or copper oxychloride @ 210 g + propiconazole @ 200 ml/ha at 10 days interval is recommended.

Horticulture(Varieties)	Horticulture Specific Advisory
BLACK PEPPER	Soil application <i>Bacillus subtilis</i> (BbV 57) or <i>Pseudomonas fluorescens</i> @ 10 g/vine is recommended for the management of root knot and reniform nematode population in black pepper

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

### Agro Advisories

Crop	Stage	Advisory
General		Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI).
Rice		Using dry weather, harvested grains may be dried to 13% moisture content to prevent pest damage in storage.
Rice	Flowering	In late Thaladi planting, prophylactic spraying of fungicides viz., Probenconazole (200 ml/acre) or Copper hydroxide (500 g/acre) at the time of booting and milky stages may be adopted towards management of false smut disease.
Blackgram	Sowing	Considering ideal weather condition, black gram seeds can be sown with carbendazim (2g/1kg) treatment to avoid disease incidence.
Coconut	Bearing Stage	To reduce the button shedding under this weather condition, feed the roots with 200 ml of coconut tonic per palm.
Cattle	Cow	Farmers are advised to not allow the livestock to graze near pond and stagnated water area to avoid infestational parasites load in livestock

### SMS advisory

Considering ideal weather condition, black gram seeds can be sown with carbendazim (2g/1kg) treatment to avoid disease incidence.

## Tiruchirapalli

Tamilnadu's average rainfall is likely to be below normal during this week

To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

Crop (Stage)	Crop Specific Advisory
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RICE	During the time of rain decreases, the harvesting stage paddy crop should be harvested by harvest machine and harvested paddy should be kept at a moisture content of 14%.
Horticulture (Stage)	Horticulture Specific Advisory
BANANA	Banana cultivating farmers are advised to earth up the soil at bi-monthly intervals, it will facilitate the better establishment of banana plants. De suckering should be done carefully at monthly intervals. The dry and diseased leaves have to be removed and burned to control the spread of leaf spot diseases.
COCONUT	Coconut Tonic: Root feeding of the tonic @ 200 ml / palm twice a year at six months interval. Benefits: Increases chlorophyll content and greenness of leaves, Improves photosynthetic efficiency of leaves, Decreases button shedding, Increases number and size of nuts, Increases nut yield up to 20 per cent, Increases longevity and vigour of the palm, Imparts resistance to pests, diseases and environmental stresses.
Live Stock	Live Stock Specific Advisory
GOAT	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ecto - parasites in sheep and goats.
Poultry	Poultry Specific Advisory
CHICKEN	Prevailing high temperature leads to temperature stress in poultry and hence wetted gunny bags may be hanged in the side walls of the shed.

### **Tiruchirapalli Block level**

**Andanallur, Lalgudi, Manachanellur, Manapparai, Manikandam, Marungapuri, Musiri, Pullambadi, Tattayangarpettai, Thiruverambur, Thottiam, Turaiyur, Uppiliapuram & Vaiyampatti Blocks**

Tamilnadu's average rainfall is likely to be below normal during this week

To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

Crop(Varieties)	Crop Specific Advisory
RICE	During the time of rain decreases, the harvesting stage paddy crop should be harvested by harvest machine and harvested paddy should be kept at a moisture content of 14%.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Banana cultivating farmers are advised to earth up the soil at bi-monthly intervals, it will facilitate the better establishment of banana plants. De suckering should be done carefully at monthly intervals. The dry and diseased leaves have to be removed and burned to control the spread of leaf spot diseases.

COCONUT	Coconut Tonic: Root feeding of the tonic @ 200 ml / palm twice a year at six months interval. Benefits: Increases chlorophyll content and greenness of leaves, Improves photosynthetic efficiency of leaves, Decreases button shedding, Increases number and size of nuts, Increases nut yield up to 20 per cent, Increases longevity and vigour of the palm, Imparts resistance to pests, diseases and environmental stresses.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ecto - parasites in sheep and goats.
Poultry(Varieties)	Poultry Specific advisory
CHICKEN	Prevailing high temperature leads to temperature stress in poultry and hence wetted gunny bags may be hanged in the side walls of the shed.

## Dindigul

SMS Advisory	Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 33°C to 35°C and the minimum temperature would be between 21°C-22°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 6-10 Kmph from, Northeast & East directions.
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### General Advisory:

Since dry weather is forecasted for the next five days, based on the soil moisture condition of the field, farmers can provide irrigation to their crops.

Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Wind with the speed of 6 to 10 kmphs expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Weather Based Agro-Advisories: (Guava, Tomato & Animal Husbandry).

### Guava:

The incidence of spiralling whiteflies is expected in Guava. The symptoms of damage are nymphs and adults suck the sap from leaves.

Due to honeydew secretion, the sooty mould fungus is developed, yellowing and shedding of leaves.

To control, place yellow sticky trap @ 12 Nos. per acre.

### Tomato:

The incense of Septoria Leaf Spot disease is noticed in Tomato. The plant may be attacked at any stage of its growth. The disease is characterized by numerous, small, grey, circular leaf spots having a dark border.

Remove and destroy the affected plant parts.

Spraying Copper-oxchloride @ 350gm per acre in the field may effectively control the disease.

### Animal Husbandry:

Due to the unhygienic maintenance of cow shed, there are chances of infection of Sub acute mastoiditis in cow. This can be controlled by the regular application of "TANUVAS Masti Guard" on the udder and teats, twice a day before and after milking.

## Madurai

SMS Advisory	Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 33°C to 35°C and the minimum temperature would be between 21°C-22°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 10-14 Kmph from, Northeast direction.
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### General Advisory:

Since dry weather is forecasted for the next five days, based on the soil moisture condition of the field, farmers can provide irrigation to their crops.

Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Wind with the speed of 10 to 14 kmphs expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Weather Based Agro-Advisories: (Paddy, Groundnut, & Animal Husbandry).

### Paddy:

The incense of Bacterial Leaf Blight may be noticed in the paddy during the 3rd to 4th week of planting. The symptoms are seedling wilt. Lesions turn yellow to white as the disease advances.

To avoid this, treat the seeds with the bio-input Pseudomonas mixed with rice gruel.

Spray any one of the following, (starting from the initial appearance of the disease and another one at a fortnight interval) Neem oil 60 EC @ 3% (or) NSKE @ 5% (or) fresh cow dung extract @ 20% twice to control the sheath rot, sheath blight, grain discolouration and bacterial blight.

### Groundnut:

The incidence of Gram pod borer is expected in Groundnut. The larvae feed on the foliage, prefers flowers and buds, when tender leaf buds are eaten, symmetrical holes or cuttings can be seen upon unfolding of leaflets.

Install pheromone trap @ 5Nos./ha. Releasing of Trichogramma chilonis @ 1 lakh/ha,40 days after sowing of groundnut can effectively check the pest.

Or spray any one of the following insecticide Indoxacarb 14.5%SC @ 160ml /acre (0.5ml per litre) or Spinosad 45% SC @ 60ml per acre (0.5ml/litre) from flower bud formation at fortnight interval.

### Animal Husbandry:

Due to the unhygienic maintenance of cow shed, there are chances of infection of Sub acute mastoiditis in cow. This can be controlled by the regular application of "TANUVAS Masti Guard" on the udder and teats, twice a day before and after milking.

## Pudukottai

Irrigation should be given to all agricultural and horticultural crops due dry weather condition.

Prevailing soil moisture condition is suitable for mechanical harvesting of mature paddy and drying.

Crop (Stage)	Crop Specific Advisory
MAIZE	Farmers who have cultivated Thai Pattam Maize crop can give Foliar spray of TNAU Maize Maxim @ 3 kg/acre in 200 litres of water at tassel initiation and at grain filling stages improve grain filling, grain yield and drought tolerance.

BLACK GRAM	Foliar spray of TNAU Pulse Wonder @ 2 kg/acre in 200 litres of water at flower initiation stage decreases flower shedding, increases yield and moisture stress tolerance.
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 (Stage)	Horticulture Specific Advisory
BITTER GOURD	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.
JASMINE	Jasmine -Bud worm incidence in jasmine Infested flowers turn pale red in colour and they fall off from the plant. One larva attacks 2-3 buds in its life span, to control measures spray Thiochlorid 240SC @1 m.l /litre is advised.
Poultry	Poultry Specific Advisory
CHICKEN	During the second week of February, 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.

## Ramanathapuram

From extended range forecast, Above normal rainfall, Normal maximum temperature and Normal minimum temperature expected for the period of February 11 to February 17 over Tamil Nadu.

Harvest the mature crop immediately and sundry the produce, to bring storable moisture content then store at safe place.

Crop (Stage)	Crop Specific Advisory
RICE	Due to the prevailing weather condition, incidence of blast is expected in rice. Initial symptoms are white to gray green lesions or spots with necrotic borders. Several spots coalesce to form big irregular patches. If blast symptoms are observed in field spray tricyclozole 75 WP 200g/ac with 200 litre of water to manage the blast.
Crop (Stage)	Crop Specific Advisory
RICE	Due to the prevailing weather condition, incidence of brown plant hopper is expected in rice. Initial symptoms are caused by the plant hoppers are dry plants or hopper burns or a scorched appearance on the leaves. If brown plant hopper symptoms are observed in field spray Pymetrozine 50% WG 120g/ac or Acephate 75 SP 250 gm/acre with 200 litre of water to manage the brown plant hopper.

RICE	There are possibilities of bacterial leaf blight in Rice. Temperature of 25-30 C with relative humidity above 80 percent is highly favorable. if Bacterial leaf blight symptoms are observed in field spray Copper hydroxide 77 WP 500 g/ac 200 litre of water to manage the BLB.
COTTON	In rainfed cotton cultivation, it is recommended for farmers to apply Urea @ 25 kg and Potash @ 10 kg per acre, as the second dose, between 40 to 45 days after germination.
COTTON	Farmers are advised to manage green leaf hopper on cotton spray flonicamid 50% WG @ 60gram / acre.
COTTON	Farmers are advised to follow the nipping technique for increase the yield in cotton, by nipping the 15th node on 75th to 80th day after planting in cotton.
BLACK GRAM	Farmers are advised to harvested the paddy field followed by sowing at block gram, also it advised to sow the ragi seeds were the water available.
Horticulture (Stage)	Horticulture Specific Advisory
CHILLI	Farmers should ensure that excess water has drained off in Chilli field. After the water has drained off, spray 1 percent urea or NPK 19:19:19 (all 19) as a foliar application.

## Sivagangai

SMS Advisory	Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 33°C to 35°C and the minimum temperature would be between 21°C-22°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 12-20 Kmph from, Northeast direction.
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### General Advisory:

Since dry weather is forecasted for the next five days, based on the soil moisture condition of the field, farmers can provide irrigation to their crops.

Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Wind with the speed of 12 to 20 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Weather Based Agro – Advisories: (Important Crops: Pulses, Banana & Animal Husbandry)

### Pulses:

The incense of the Yellow mosaic is seen in pulses.

Farmers are advised to set up yellow sticky traps @ 5 No. per acre to monitor and manage the movements of the vector whitefly.

If the vector population is noticed farmers are advised to spray Imidachloprid @ 100gm /acre to manage the vector whitefly.

### Banana:

The incense of Hard scale is found in Banana. Hard-scale grubs bore into the rhizome and cause the death of the banana plant.

The symptoms are, the presence of dark-coloured red tunnels in the rhizomes, death of unopened pipe and withering of outer leaves.

To control this, collect and destroy the affected plant parts.

Spray with Beauveria bassiana @ 5gm + Metarhizium @ 5gm + Verticillium lecanii @ 5gms per litre of water.

Or release Coccinellid predators like Chilocorus nigritus, Symnus coccivora in affected banana fields.

Animal Husbandry:

Due to the unhygienic maintenance of cow shed, there are chances of infection of Sub acute mastoiditis in cow. This can be controlled by the regular application of "TANUVAS Masti Guard" on the udder and teats, twice a day before and after milking.

## Theni

SMS Advisory	Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 27°C to 28°C and the minimum temperature would be between 17°C-18°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 6-10 Kmph from, Northeast direction.
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General Advisory:

Since dry weather is forecasted for the next five days, based on the soil moisture condition of the field, farmers can provide irrigation to their crops.

Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Wind with the speed of 6 to 10 kmphs expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Weather Based Agro-Advisories: (Sugarcane, Chilly & Animal Husbandry)

Sugarcane:

The occurrence of woolly Aphids is noticed in Sugarcane. These Aphids suck the sap from leaves, excrete honeydew and development of sooty mould fungus, white chalk powder-like coating on the ground and leaves.

To manage the woolly Aphids, field release of biocontrol agents like *Dipha aphidivora*, *Micromus* and *coccinellids*.

Avoiding transportation of aphid-infested leaves from one location to another. Avoid the use of an infested cane for seed purposes.

Ensure that the insecticide-treated leaves are not used as fodder.

Spray any one of the following insecticides Acephate 75 SP @ 2gm/lit or Chloropyrifos 25 EC @ 2ml/litre once or twice in affected patches

Chilly:

The occurrence of powdery mildew may be seen in chilly. due to the incense of powdery mildew, shedding of foliage, and white powdery growth on the lower side of leaves.

To control this spray wettable sulphur @ 25gm per tank or Hexaconazole @ 25ml per 10 litres of water.

Animal Husbandry:

Due to the unhygienic maintenance of cow shed, there are chances of infection of Sub acute mastoiditis in cow. This can be controlled by the regular application of "TANUVAS Masti Guard" on the udder and teats, twice a day before and after milking.

## Virudhunagar

Crop	Stage	Agromet Advisory
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Irrigated crops	Water management	Irrigate the crop.
rainfed / irrigated crops	Relative humidity/dew	Spray fungicide to avoid diseases spread.
Paddy	All stages	Prevailing weather may persist with Leaf folder (or) leaf roller. To control spray Chlorantraniliprole 18.5% SC 60 g/ac.
Chilli	Fruit formation	Dry weather may persist with Tobacco Cutworm to control spray with Spinosad 45% SC 3.2ml/10 litre of water (or) Emamectin benzoate 5%SG 4g/10lit. to in Chilli. In order to meet the nutrient requirement, spray 1% solution of 19:19:19 fertilizer.
Sunflower	Heading	Low cloud cover and moderate to high humidity are conducive for the incidence of head borer. Spray 5% Neem oil or 5% Neem Seed Kernal extract before egg laying.
Livestock	Dry condition	Dry condition is expected provide water frequently. Avoid grazing ruminants during the early morning hours The ruminants must not be tethered in marshy and slushy area to avoid foot rot, they must be housed in damp free elevated places.

SMS: Rain: Nil. Spray Spinosad 45% SC @ 3.2ml/10 litre of water to control Tobacco Cutworm in Chilli.  
Spray Chlorantraniliprole 18.5% SC @ 60 g/ac. to control Paddy Leaf folder.

## Tirunelveli

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Irrigate the crop.
rainfed / irrigated crops	Relative humidity/dew	Spray fungicide to avoid diseases spread.
Paddy	Tillering, panicle initiation stage	Apply recommended dose of N and K during tillering to avoid nutrient deficiency. Prevailing weather may persist with Leaf folder (or) leaf roller. To control spray Chlorantraniliprole 18.5% SC 60 g/ac. Prevailing weather may persist with White backed plant hopper. Spray Azadirachtin 0.03% @400 ml.
Sunflower	Heading stage	The expected weather having low cloud cover and moderate to high humidity are conducive for the incidence of head borer. To control the pest, spray 5% Neem oil or 5% Neem Seed Kernal extract before egg laying.
Livestock	Dry condition	Dry condition is expected provide water frequently. Avoid grazing ruminants during the early morning hours The ruminants must not be tethered in marshy and slushy area to avoid foot rot, they must be housed in damp free elevated places.

SMS: Rain: 11.02-1 mm. Spray Chlorantraniliprole 18.5% SC @ 60 g/ac. to control Paddy Leaf folder.  
Spray Azadirachtin 0.03% @400 ml.to control White backed plant hopper

## Thoothukudi

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Irrigate the crop.

Plant protection	Relative humidity/ dew	Spray fungicide to avoid diseases spread.
Cotton	Squaring to boll formation stage	Spray Phosalone 35% EC@ 2.5 l/ ha or Quinalphos 25 EC@ 2.0 l/ha (or) Emamectin benzoate 5% SG 190-220 g/ha . to control boll worm incidence.
Sunflower	Heading stage	Moderate to high humidity are conducive for the incidence of head borer. To control the pest, spray 5% Neem oil or 5% Neem Seed Kernal extract before egg laying.
Paddy	Tillering, panicle initiation stage	Apply recommended dose of N and K during tillering to avoid nutrient deficiency. Prevailing weather may persist with Leaf folder (or) leaf roller. To control spray Chlorantraniliprole 18.5% SC 60 g/ac. Prevailing weather may persist with White backed plant hopper. Spray Azadirachtin 0.03% @400 ml.
Chilli	Fruit formation	Dry weather may induce Tobacco Cutworm in Chilli. Spray with Spinosad 45% SC 3.2ml/10 litre of water (or) Emamectin benzoate 5%SG 4g/10lit. In order to meet the nutrient requirement, spray 1% solution of 19:19:19 fertilizer.
Livestock	Dry condition	Dry condition is expected provide water frequently. Avoid grazing ruminants during the early morning hours The ruminants must not be tethered in marshy and slushy area to avoid foot rot, they must be housed in damp free elevated places.

SMS: Rain: 11.02-1mm Spray Chlorantraniliprole 18.5% SC @ 60 g/ac. to control Paddy Leaf folder. Spray Azadirachtin 0.03% @400 ml.to control White backed plant hopper..

Tamil Nadu		
Weather forecast	Next five days	Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area on Day 1 (07.02.2024) and Day 2 (08.02.2024). Mist/Haze is likely to prevail over Tamilnadu, Puducherry and Karaikal area during early morning hours on on Day 1 (07.02.2024) and Day 2 (08.02.2024). Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area on Day 3 (09.02.2024) and Day 4 (10.02.2024). Light rain is likely to occur at one or two places over South Coastal Tamil Nadu, Delta districts and Karaikal area on Day 5 (11.02.2024). Dry weather is very likely to prevail over rest of Tamilnadu and Puducherry on Day 5 (11.02.2024).

## Kanyakumari

### AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
			There is no possibility of rainfall during forthcoming five days. Maximum temperature will range from 34 - 36°C and minimum temperature will range from 25°C. Mostly cloudy condition may prevail. The morning relative humidity will range from 70 - 80 % and it may range from 30 - 40 % during afternoon. Wind speed may be 06 - 14 km / hr in North East direction.

1.	Horticultural crops	All stages	There is no possibility of rainfall during forthcoming five days. So, Irrigation should be given to banana, coconut, black pepper and other horticultural crops.
2.	Jasmine	Flowering stages (Yellowing of leaves)	Apply 10 g of Phorate granules near root zone and irrigate to control the nematode pest.
3.	Flowers	All stages	There is no possibility of rainfall during forthcoming five days. Irrigation should be given to all flower crops due to low rainfall.
4.	Rubber	Younger stages.	White washing should be done for younger plants upto the height of branching level by using lime or white clay for protection against sun scorching
5.	Horticultural crops	All stages	Irrigation should be given to fruit trees, Spices, Vegetables and other horticultural crops.
6.	Rubber	New shoot formation and flowering	Spray 1% Bordeaux mixture or 0.2% Mancozeb to control leaf spot.

SMS Advisory

Since there will be good air temperature. Harvesting and Drying of clone can be taken.

## 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	Farmers should do soil testing before sowing or cultivation of any crop. Soil testing report shows availability of nutrients in soil and due to this, it is easy to manage fertilizer dose of any crop, to save fertilizer and to maintain soil fertility also. seed treatment with <i>T. viride</i> @ 4g or <i>P. fluorescens</i> @ 1g/kg or <i>Bacillus subtilis</i> before sowing of crop can control the incidence root rot diseases
Crops	General	Treat setts with Aerated steam at 50°C for one hour to control primary infection of grassy shoot → disease or The setts should be soaked in Carbendazim (1 gram in 1litre of water).
Sugarcane	Detrashing	Detrash the crop on 150th and 210th day of planting. Detrashing dislodge the pupae that remain in the leaf sheath. Install pheromone traps @ 10Nos. /ha for surveillance and monitoring, change the septa/lure once in 45 days. Release egg parasitoid, <i>Trichogramma chilonis</i> at the rate of @ 2.5 cc / release / ha. Six release at fortnightly intervals starting from 4th month onwards.
Sorghum	Vegetative	Shoot flies are damaging the sorghum crop mostly it affects the yield. The maggot bores inside the stem and cuts the growing point. Central shoots dried and produce “dead heart” symptom. The infested plant produces side tillers. Take up early sowing of sorghum immediately after the receipt of South West or North East Monsoon to minimise the shoot fly incidence. To control Shoot flies in sorghum, Apply Quinalphos 25EC 1500 ml /ha. Plough soon after harvest, remove and destroy the stubbles

Cotton	Vegetative	Due to prevailing weather the leaf blight incidence may occur in cotton. To control leaf blight in cotton, Spray mancozeb 2 kg/ha immediately after the symptom appearance and 2-3 times once in 15 days.
Banana	Vegetative	Due to prevailing weather condition favourable for leaf spot infection in banana crop. To control spray carbendazim 1g/l or propiconazole 1ml/l or mancozeb 2.5 g/l with sticking agent @ 1 ml / lit at 10-15 days interval.

## Namakkal

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

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>During the prevailing weather conditions, there will be dew in the early morning and day temperature will be high. Hence, the grazing time for the livestock will be reduced considerably resulting in the shortage of feed intake and decrease in the production performance of the animals.</p> <p>To avoid this, the farmers are advised to take their animals for grazing as soon as the dew comes off the grass and also graze their animals for extended time in the evening.</p> <p>Also, the farmers can use the stored dry fodders in their farm under stallfed conditions to compensate the shortage of feed intake due to reduction in grazing time.</p> <p>Alternatively, the farmers can also increase the quantity of concentrate regularly fed to their livestock to the required level to compensate the shortage of feed intake to optimize the production performance.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Mango	Flowering stage	This season is known for mango flowering. So the farmers are advised to irrigate mango trees at correct interval depends on the soil moisture and prevailing temperature to prevent flower and fruit drop.
Jasmine	Flowering stage	To increase the flowering in jasmine give foliar spraying with panchakavya @ 3% + Humic acid @ 0.4 % at one month interval. Also give foliar spraying with iron sulphate @ 0.5 % and zinc sulphate @ 0.5 % at one month interval.
Mulberry	Vegetative stage	Apply 2 kg zinc sulphate enriched with 20 kg well decomposed farmyard manure after harvesting of mulberry leaves as basal dose. 10 – 15 days after harvesting apply azospirillum @ 8 kg / acre in 5 equal splits and 4 kg of phosphobacteria in 2 equal splits after 1 and 3 rd harvesting of mulberry leaves.
Fruit and Vegetable crops	General	Temperature may be raised in forthcoming days. Hence the vegetable as well as fruit growers are requested to apply dried leaves, twigs, coconut fronds/ areca nut fronds in the root zone of the crops to avoid evaporation loss of water and also it conserve the moisture content in the soil.
Crops	General	Farmers are requested to give foliar spraying with Methylobacterium @ 200 ml / acre (or) 0.5 % potassium chloride solution with 15 – 20 days interval to increase the area under irrigation with wide gap between irrigations and available water.

Tapioca	Vegetative stage	Tapioca farmers are requested to give foliar spraying with zinc sulphate + iron sulphate (5 gram and 10 gram / litre) in 200 litres of water / acre twice @ 60 and 90 days after planting.
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## Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Rain : No Rainfall – Based on the local weather go for spraying of pesticides and fertilizers. Keep the harvested produce in safe place, Keeping the animals in proper sheds.	
Crop	Advisory
Groundnut	Groundnut Early leaf spot: Infection starts about a month after sowing. Small chlorotic spots appear on leaflets, with time they enlarge and turn brown to black and assume sub circular shape on upper leaf surface. On lower surface of leaves light brown colouration is seen. Lesions also appear on petioles, stems, stipules. In severe cases several lesions coalesce and result in premature senescence for control measures Spray Propiconazole 1ml/lit
Bhendi	Yellowing of the entire of veins in the leaf blade is the characteristic symptom. In severe infections the younger leaves turn yellow, become reduced in size and the plant is highly stunted. The veins of the leaves will be cleared by the virus and interveinal area becomes completely yellow or white. In a field, most of the plants may be diseased and the infection may start at any stage of plant growth. Infection restricts flowering and fruits, if formed, may be smaller and harder. The affected plants produce fruits with yellow or white colour and they are not fit for marketing. The virus is spread by whitefly for the control measures Spray azadirachtin 0.03 WSP @ 5 g/10l or methyl demeton 25 EC @ 1.6 ml/l or thiamethoxam 25 WG @ 2 g/lit to kill the insect vector, whitefly.
Tapioca	Tapioca Whitefly Chlorotic spots on the leaves which latter coalesce forming irregular yellowing of leaf tissue, Severe infestation results in premature defoliation, Development of sooty mould Vector of cassava mosaic virus for control measures Remove alternate host: Abutilon indicum, Set up +yellow sticky trap, Spray any one of the following, Phosalone 35 EC @ 2.5 l/ha, Quinalphos 25 EC @ 2.0 l/ha, Triazophos 40 EC 2.0 l/ha
Tomato	Tomato Early Blight Brown spots with concentric rings in a bull's eye pattern with yellow margin. Fruit gets infected through calyx or stem attachment. Brown concentric rings on fruits. For control measures Mancozeb 35% SC @ 2g /lit, or propiconazole 1 ml/liter
Mango	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 Imidacloprid 17.8 SL 2.0 ml/10 litter or Dimethoate 30EC 1.5 ml/l.
Rice	Paddy Brown Spot- prevailing weather condition Temperature of 25-30°C, Relative humidity above 80 per cent, excess of nitrogen aggravates the disease incidence attacks seedling in nursery to milky stage in main field. The disease appears first as minute brown dots later becoming cylindrical or oval to circular to control Carbendazim 12% + Mancozeb 63%wp 2.0 g

	per lit.
Chilli	Chilli Yellow mite or muranai mite: Downward curling and crinkling of leaves, Leaves with elongated petiole, Stunted growth for controlling measures Quinalphos 25 % EC, 1.5 ml/lit.or Emamectin benzoate 5 SG 4 g /10 lit.
Maize	Maize Fall army worm incidence noticed with the prevailed weather. To control spray any one of the following insecticides / biopesticide (use manually operated or battery-operated high-volume knapsack sprayer only with a spray volume of 500 lit. /ha.) Emamectin Benzoate 5 SG @4grams for 10 litre of water. or Spinetoram 11.7 SC @ 5 ml/10 lit or Novaluron 10 EC @ 10 ml/10 lit.* Preference may be given to the chemical not applied during the previous stage.
Cattle	Mastitis in high yielding cows: Mastitis is a very common problem in high yielding cows caused mainly by bacteria in unhygienic farm conditions. Ethno veterinary medicine for Mastitis: 1. Aloe vera -250g. 2. Turmeric- 50g. (rhizome (or) powder. 3. Calcium hydroxide. (Lime-15g). Preparation: 1. Blend ingredients to form a reddish paste. Application: 1. Make a handful of paste by adding 150-200ml of water. 2. Wash and clean the udder and apply the mixture throughout. 3. Repeat the application 10 times a day for 5 days. 4. Feed 2 lemons twice daily for 3 days.
Goat and sheep	Enterotoxaemia: Serious bacterial disease of Sheep and goats causes high mortality in young lambs. Incidence is more common after rainy season. Clinical signs: 1. Sudden death in young lambs. 2. Affected animals show Anorexia, breathing difficulty, abdominal pain. Diarrhea and convulsions before death. Prevention: Regular annual vaccination should be followed prior to rainy season. Young lambs should be vaccinated at the age of 6 weeks. Treatment: Treating the affected animals at early stage with suitable antibiotics will reduce the death rate. Control: Restrict the animals (young lambs) to graze on immature succulent grass / pasture lands which are available plenty after rainy season.

## Krishnagiri

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

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>During the prevailing weather conditions, there will be dew in the early morning and day temperature will be high. Hence, the grazing time for the livestock will be reduced considerably resulting in the shortage of feed intake and decrease in the production performance of the animals.</p> <p>To avoid this, the farmers are advised to take their animals for grazing as soon as the dew comes off the grass and also graze their animals for extended time in the evening.</p> <p>Also, the farmers can use the stored dry fodders in their farm under stallfed conditions to compensate the shortage of feed intake due to reduction in grazing time.</p> <p>Alternatively, the farmers can also increase the quantity of concentrate regularly fed to their livestock to the required level to compensate the shortage of feed</p>

		intake to optimize the production performance.
Agro advisory from Krishi Vigyan Kendra		
Mango	Flowering stage	This season is known for mango flowering. So the farmers are advised to irrigate mango trees at correct interval depends on the soil moisture and prevailing temperature to prevent flower and fruit drop.
Jasmine	Flowering stage	To increase the flowering in jasmine give foliar spraying with panchakavya @ 3% + Humic acid @ 0.4 % at one month interval. Also give foliar spraying with iron sulphate @ 0.5 % and zinc sulphate @ 0.5 % at one month interval.
Mulberry	Vegetative stage	Apply 2 kg zinc sulphate enriched with 20 kg well decomposed farmyard manure after harvesting of mulberry leaves as basal dose. 10 – 15 days after harvesting apply azospirillum @ 8 kg / acre in 5 equal splits and 4 kg of phosphobacteria in 2 equal splits after 1 and 3 rd harvesting of mulberry leaves.
Fruit and Vegetable crops	General	Temperature may be raised in forthcoming days. Hence the vegetable as well as fruit growers are requested to apply dried leaves, twigs, coconut fronds/ areca nut fronds in the root zone of the crops to avoid evaporation loss of water and also it conserve the moisture content in the soil.
Crops	General	Farmers are requested to give foliar spraying with Methylobacterium @ 200 ml / acre (or) 0.5 % potassium chloride solution with 15 – 20 days interval to increase the area under irrigation with wide gap between irrigations and available water.
Tapioca	Vegetative stage	Tapioca farmers are requested to give foliar spraying with zinc sulphate + iron sulphate (5 gram and 10 gram / litre) in 200 litres of water / acre twice @ 60 and 90 days after planting.

## Karaikal

### Agro Advisory

Crop	Stage	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.
Paddy	Harvesting	Harvest the rice crop, dry and store rice grains with 14 to 16% moisture.
Goat	Sheep and goat pox	There is a chance of occurrence of sheep and goat pox in summer season. Hence, to prevent the pox, sheep and goat should be vaccinated before summer.

SMS: Rice fallow green gram can be sown till second week of February.

## Puducherry

Weather based Agro-Advisories.

Crop	Stage/ Particulars	Agro Advisory
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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.
Rice		If the rice crop is from tillering stage to flowering stage and it's low in growth the spray 1Kg Urea + 0.5kg Zinc sulphate in 100-150 lit of water through sprayer. Or Spraying 19:19:19 (All 19) 0.5 kg mixed in 100 litre of water may increase the tillering and avoids flower shedding

SMS: To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

**Puducherry Block level**  
**Ariankuppam, Ozhukarai, Villianur, Bahour, Mannadipet and**  
**Nettapakkam Blocks**

Dry weather is likely to occur

To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

Crop(Varieties)	Crop Specific Advisory
RICE	If the rice crop is from tillering stage to flowering stage and it's low in growth the spray 1Kg Urea + 0.5kg Zinc sulphate in 100-150 lit of water through sprayer. Or • Spraying 19:19:19 (All 19) 0.5 kg mixed in 100 litre of water may increase the tillering and avoids flower shedding
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.

