



तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श  
बुलेटिन



**State Composite Agro-meteorological Advisory  
Bulletin for Tamil Nadu and Puducherry  
Bulletin No. 016/2025**

For the period 0830 IST, 25<sup>th</sup> February 2025 to  
0830 IST, 02<sup>nd</sup> March 2025

**Issued on Tuesday, 25<sup>th</sup> February 2025**

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 Thoothukudi	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 21.02.25 to 24.02.25 for the State of Tamilnadu & Puducherry**

**Temperature:**

Maximum Temperature of range 30°C – 36°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 20°C – 27°C during the period.

Minimum temperature of range 19°C - 26°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 09°C - 11°C during the same period.

**Spatial distribution of Rainfall**

Spatial distribution of Rainfall	Tamil Nadu	Puducherry
Widespread (Most places)	-	-
Fairly widespread (Many places)	-	-
Scattered (Few Places)		-
Isolated (One or Two Places)	-	-
Dry	21.02.2025, 22.02.2025, 23.02.2025 and 24.02.2025	21.02.2025, 22.02.2025, 23.02.2025 and 24.02.2025

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

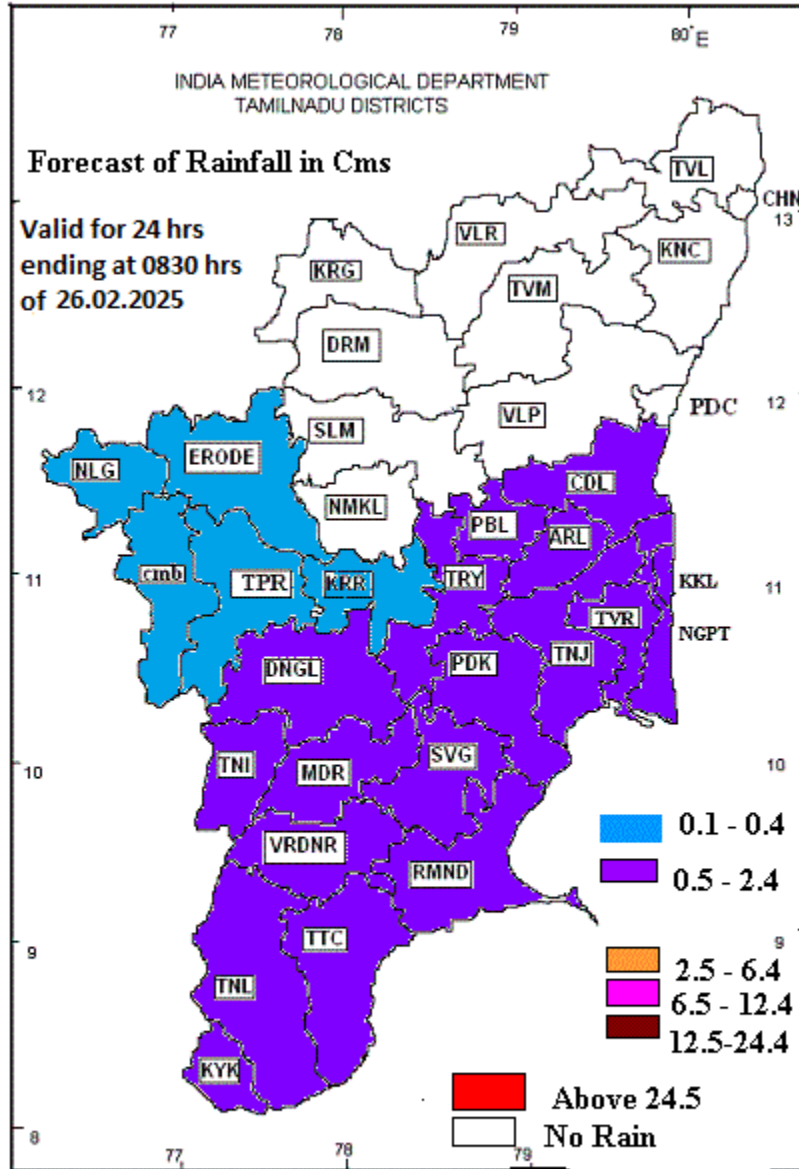
**21.02.25 : Nil**

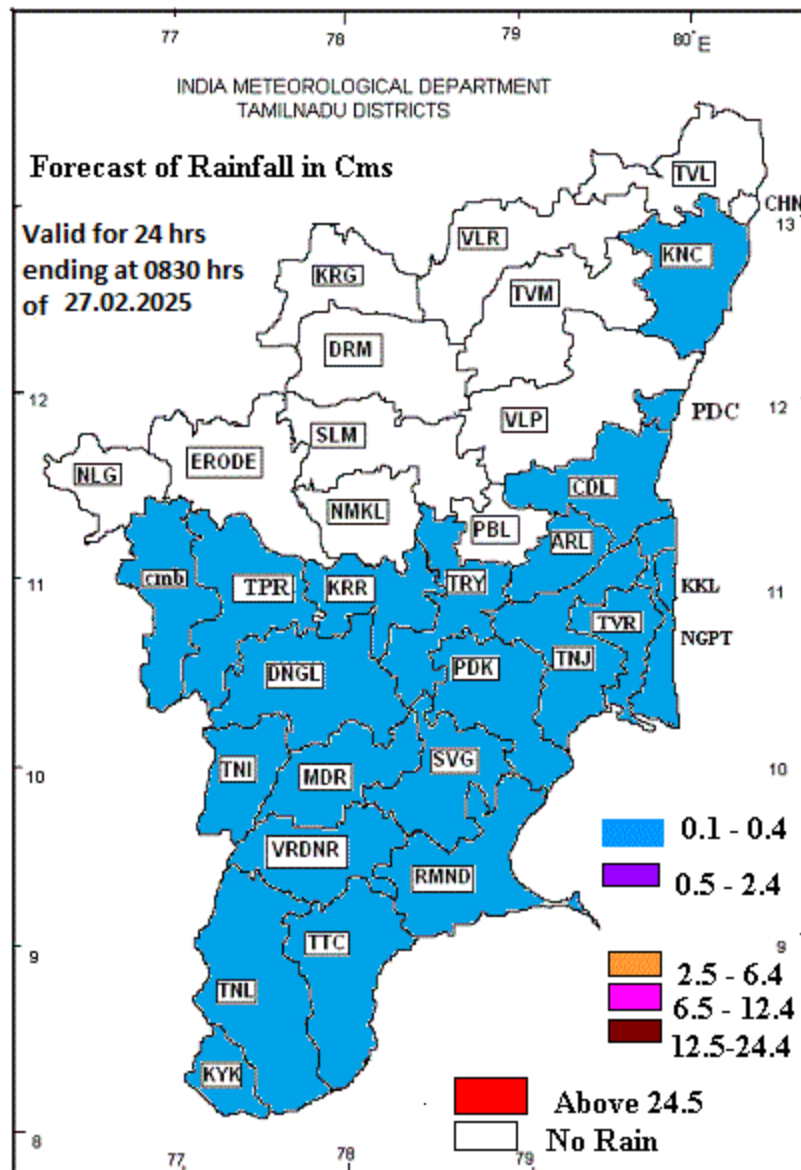
**22.02.25 : Nil**

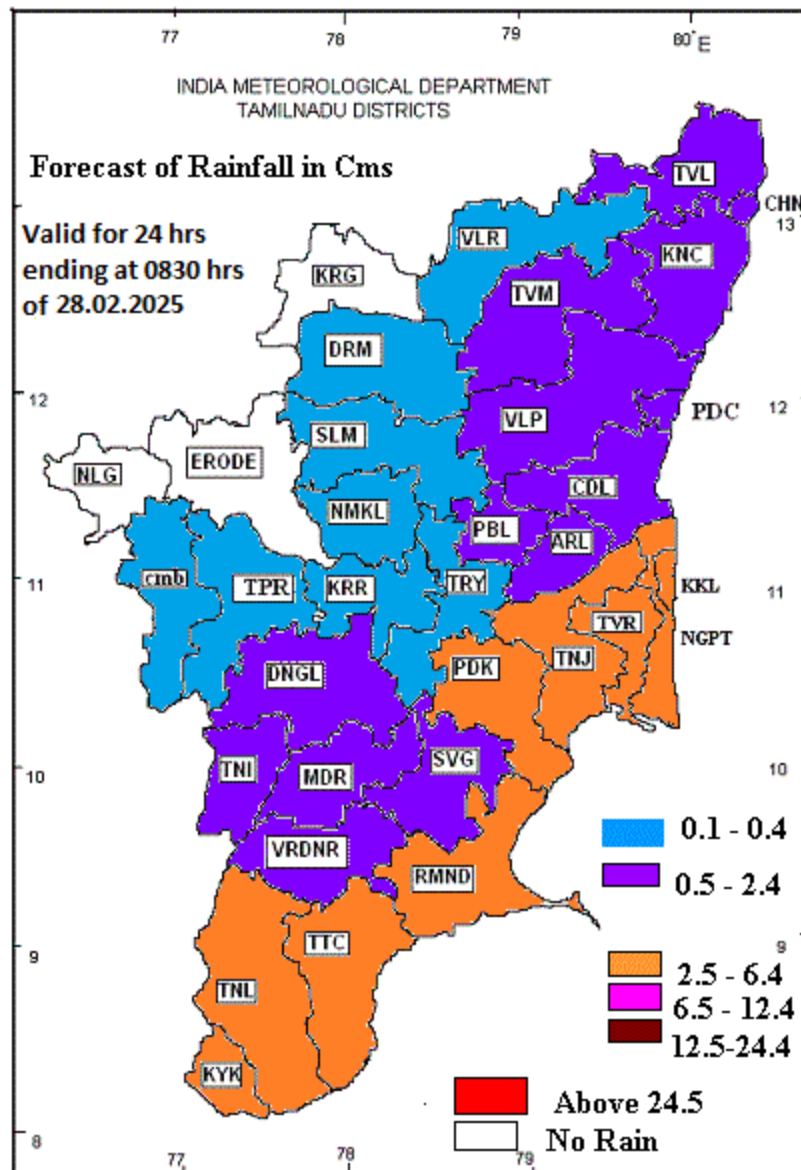
**23.02.25 : Nil**

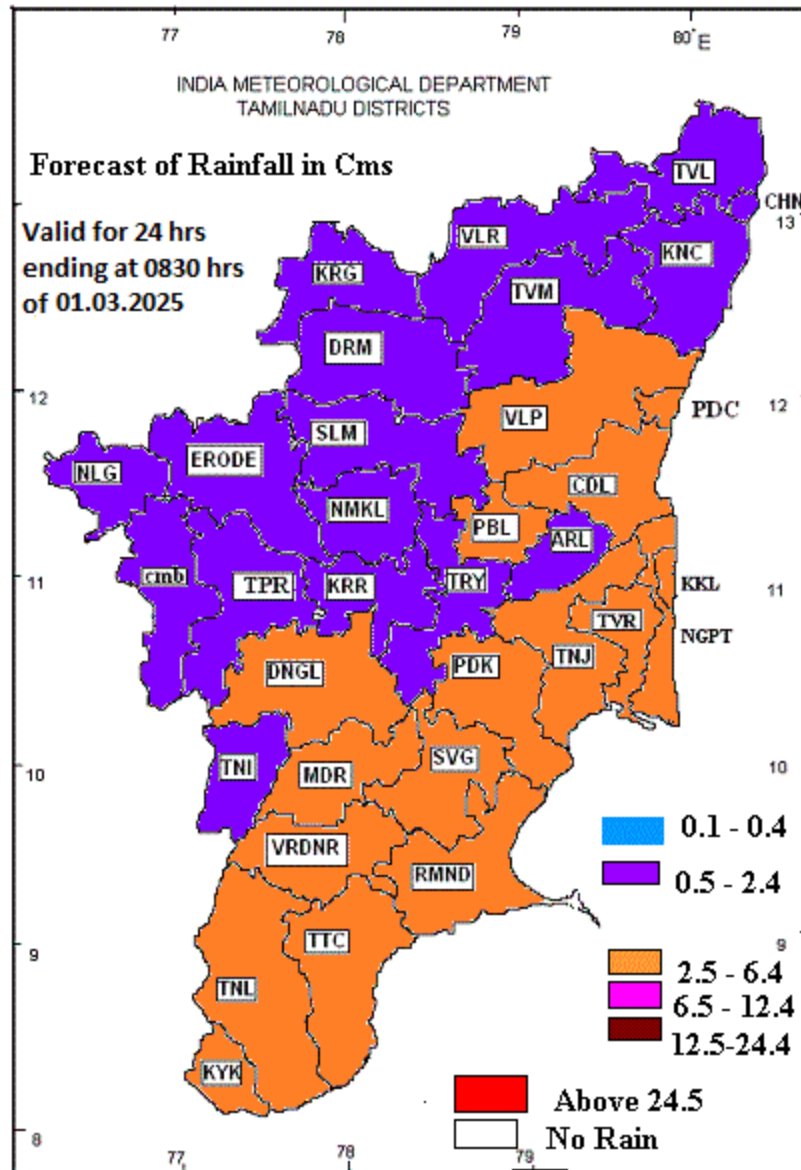
**24.02.25 : Nil**

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 25.02.25  
VALID FOR THE NEXT 5 DAYS**

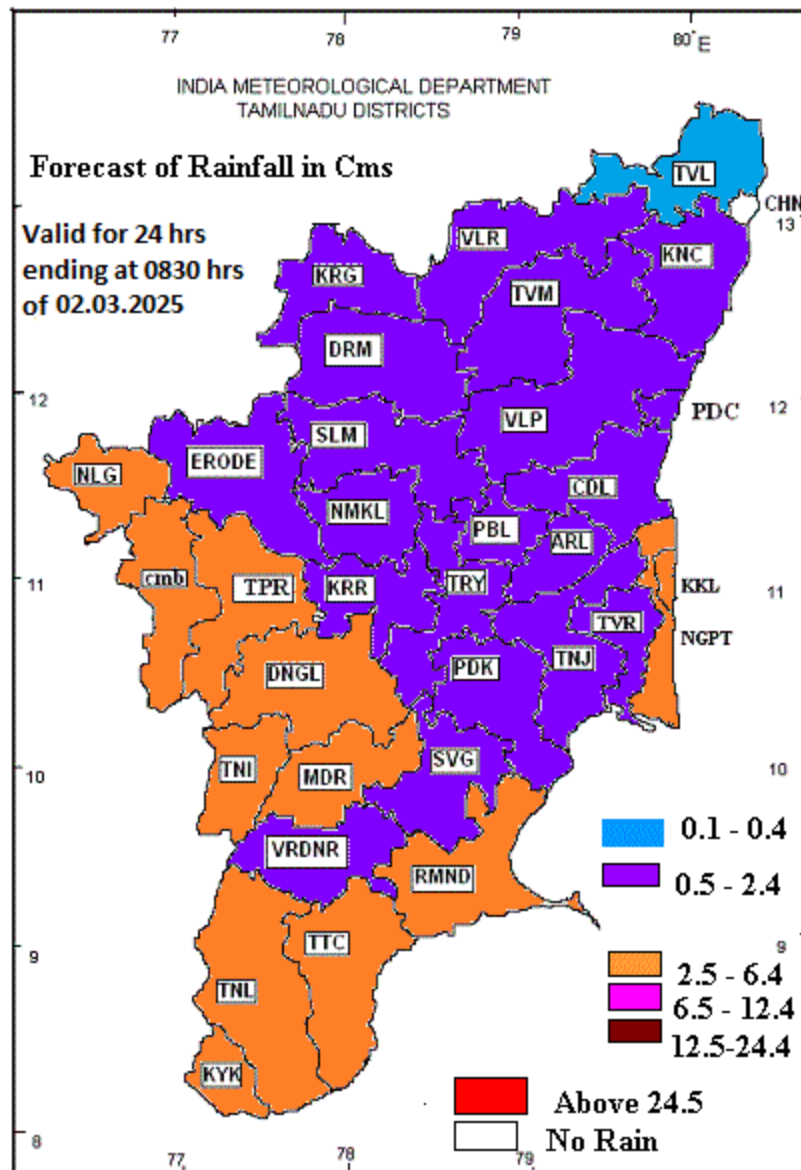












## District-wise Agromet Advisories

### **Chennai, Kancheepuram, Villupuram, Tiruvannamalai, Tiruvallur, Vellore and Cuddalore**

#### SMS Advisory:

(26.02.2025-02.03.2025) Mist/ Haze conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

#### Livestock Advisory:

1. Till the inclement weather the livestock must not be allowed for grazing in early morning hours.
2. Drinking water must be warmed to body temperature so as to avoid drip in body temperature.
3. The livestock must be provided with vitamins and mineral supplementation to maintain good health during cold weather.
4. Antibiotics, oral rehydration solution, intravenous fluids must be stored in handy during emergency
5. Pregnant animals nearing parturition should be housed separately in clean dry shelter and must be protected from cold stress by covering the side walls
6. The young calf shed must be adequately bedded to prevent cold stress which is very detrimental to the young stock
7. Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.
8. Newly born piglets must be protected from cold drafts
9. Add 5% shell grit in laying hens for optimum egg production.

#### Agricultural advisory Rice:

Due to prevailing weather conditions leaf folder and stem borer infestation found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

The forecasted weather may cause stem borer and leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

#### 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.

#### Blackgram:

Farmers are advised to treat the seeds with Trichoderma viride @ 4g/kg of seed (or) Pseudomonas fluorescens @ 10 g/kg seed before sowing.

#### 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.

#### Banana:

Prevailing weather condition is favorable for sigatoka leaf spot infection in banana. To control spray carbendazim 1.0 g/l or propiconazole 1.0 ml/l or mancozeb 2.5 g/l and sticking agent 1.0 ml/l at 10-15 day intervals.

Prevailing weather condition is favorable for panama wilt and nematode infection in banana. To control apply *Bacillus subtilis* 1.0 kg/ha + *Paecilomyces lilacinus* 1.0 kg/ha at 2, 4 and 6<sup>th</sup> months of planting.

## Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		<p>Dry days with increasing temperature is expected for the next five days and the wind speed is expected to be around up to 10-12 kmph in Western zone districts.</p> <p>Continuous dry days for the past 45 days. Provide irrigation to all irrigated crops and supplemental irrigation to rainfed crops from farm ponds.</p> <p>By utilizing the dry weather, plough the land immediately after the harvest so as to control weeds and also to make the soil friable to conserve summer monsoon rain.</p> <p>Avoid burning of harvested crop residues and incorporation of crop residues in the field will facilitate faster decomposition of residues.</p>
Maize	Reproductive	As maize crop is most sensitive moisture stress at 45 to 65 days after sowing, ensure optimum moisture availability by providing irrigation to avoid yield loss at harvest.
Groundnut	Vegetative	In groundnut crop, apply gypsum @ 400kg/ha by the side of the plants at 40th days of sowing depending on the soil moisture in the field.
Sugarcane	Vegetative	<p>Dry weather favours early shoot borer in sugarcane, frequent irrigation with mulching is advised to keep the field in wet condition which prevent pest infestation.</p> <p>Considering dry and hot weather, mid season sugarcane planting may be taken up followed by irrigation and mulching.</p>
Cucurbits	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.
Mango		<p>Considering the dry weather, if mango tree doesn't have flowers at this time. Spray either 0.5% urea (5g /litre) or 1% Potassium nitrate (10g/litre) to induce flowering under sufficient soil moisture.</p> <p>If mango tree already having flower, spray 2% Potassium nitrate, when sufficient soil moisture is available to increase fruit set and retardation of fruit.</p>
Animal Husbandry		<p>Provide adequate clean drinking water to avoid thirstiness in animals during dry winter.</p> <p>Due to prevailing weather ranikot disease in poultry especially backyard poultry may be expected hence suitable vaccination is advised from nearby veterinary hospital.</p>

SMS advisory:

By utilizing the dry weather, plough the land immediately after the harvest so as to control weeds and also to make the soil friable to conserve summer monsoon rain.

## Erode

### Agro Advisory

Crop	Stage	Advisory
General		<p>Dry days with increasing temperature is expected for the next five days and the wind speed is expected to be around up to 10-12 kmph in Western zone districts.</p> <p>Continuous dry days for the past 45 days. Provide irrigation to all irrigated crops and supplemental irrigation to rainfed crops from farm ponds.</p> <p>By utilizing the dry weather, plough the land immediately after the harvest so as to control weeds and also to make the soil friable to conserve summer monsoon rain.</p> <p>Avoid burning of harvested crop residues and incorporation of crop residues in the field will facilitate faster decomposition of residues.</p>
Maize	Reproductive	As maize crop is most sensitive moisture stress at 45 to 65 days after sowing, ensure optimum moisture availability by providing irrigation to avoid yield loss at harvest.
Groundnut	Vegetative	In groundnut crop, apply gypsum @ 400kg/ha by the side of the plants at 40th days of sowing depending on the soil moisture in the field.
Sugarcane	Vegetative	<p>Dry weather favours early shoot borer in sugarcane, frequent irrigation with mulching is advised to keep the field in wet condition which prevent pest infestation.</p> <p>Considering dry and hot weather, mid season sugarcane planting may be taken up followed by irrigation and mulching.</p>
Cucurbits	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.
Mango		<p>Considering the dry weather, if mango tree doesn't have flowers at this time. Spray either 0.5% urea (5g /litre) or 1% Potassium nitrate (10g/litre) to induce flowering under sufficient soil moisture.</p> <p>If mango tree already having flower, spray 2% Potassium nitrate, when sufficient soil moisture is available to increase fruit set and retardation of fruit.</p>
Animal Husbandry		<p>Provide adequate clean drinking water to avoid thirstiness in animals during dry winter.</p> <p>Due to prevailing weather ranikot disease in poultry especially backyard poultry may be expected hence suitable vaccination is advised from nearby veterinary hospital.</p>

#### SMS advisory:

By utilizing the dry weather, plough the land immediately after the harvest so as to control weeds and also to make the soil friable to conserve summer monsoon rain.

## Tiruppur

### Agro Advisory

Crop	Stage	Advisory
General		<p>Dry days with increasing temperature is expected for the next five days and the wind speed is expected to be around up to 10-12 kmph in Western zone districts.</p> <p>Continuous dry days for the past 45 days. Provide irrigation to all irrigated crops and supplemental irrigation to rainfed crops from farm ponds.</p> <p>By utilizing the dry weather, plough the land immediately after the harvest so as to control weeds and also to make the soil friable to conserve summer monsoon rain.</p> <p>Avoid burning of harvested crop residues and incorporation of crop residues in the field will facilitate faster decomposition of residues.</p>
Maize	Reproductive	<p>As maize crop is most sensitive moisture stress at 45 to 65 days after sowing, ensure optimum moisture availability by providing irrigation to avoid yield loss at harvest.</p>
Sugarcane	Vegetative	<p>Dry weather favours early shoot borer in sugarcane, frequent irrigation with mulching is advised to keep the field in wet condition which prevent pest infestation.</p> <p>Considering dry and hot weather, mid season sugarcane planting may be taken up followed by irrigation and mulching.</p>
Cucurbits	Flowering	<p>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.</p>
Mango		<p>Considering the dry weather, if mango tree doesn't have flowers at this time. Spray either 0.5% urea (5g /litre) or 1% Potassium nitrate (10g/litre) to induce flowering under sufficient soil moisture.</p> <p>If mango tree already having flower, spray 2% Potassium nitrate, when sufficient soil moisture is available to increase fruit set and retardation of fruit.</p>
Animal Husbandry		<p>Provide adequate clean drinking water to avoid thirstiness in animals during dry winter.</p> <p>Due to prevailing weather ranikot disease in poultry especially backyard poultry may be expected hence suitable vaccination is advised from nearby veterinary hospital.</p>

#### SMS advisory:

By utilizing the dry weather, plough the land immediately after the harvest so as to control weeds and also to make the soil friable to conserve summer monsoon rain.

## Nilgiris

General Advisory: To manage wilt in pepper, farmers are advised to apply *Trichoderma asperellum* / *Bacillus subtilis* @ 25g and Neem cake @ 500g / vine is recommended. Applications can be made during the rain-free period.

SMS Advisory: To manage Late blight in potato crop, • Foliar spray of mancozeb @ 2 g/l or chlorothalonil @ 2 g/l on 45, 60 and 75 days after planting is recommended during the rain free period.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
CARROT	Rust fly management in carrot Soil application of chlorantraniliprole granules insecticide @ 4kg/acre at 45 – 50 days after sowing may be given during rain free period.
GARLIC	Garlic - Nutrient and disease management • Foliar application of water- soluble micronutrient mixture @ 0.5 g/liter of water during 30, 45 and 60 days after planting may be done to increase the garlic bulb yield. • To manage leaf spot / purple blotch in garlic crop, foliar application of mancozeb @ 2 g/l or copper oxychloride @ 2.5 g/l may be given during rain free period.
BITTER GOURD	Integrated disease management strategies for the management of virus diseases in vegetables • Select disease free seeds • Follow crop rotation • Collect and destroy the virus affected plants • Nursery beds should be covered with nylon net or straw • Raise 2-3 rows of maize or sorghum as border crop • Install sticky traps (blue& yellow) @ 5 nos/acre. • If necessary, spray the crop with systemic insecticides, Dimethoate @ 2.0 ml/litre (or) Thiamethoxam @ 0.2 ml/litre (or) Imidacloprid @ 0.2 ml/litre of water using hand sprayer during the rain free period.

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

Agro Advisory

General	Farmers are advised to provide adequate drainage facilities to all crops due to light to moderate rainfall forecast.
	Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage.
	Avoid application of fertilizers and insecticides to the crops.

		Keep the farm implements, machineries and batteries in uplands / store rooms.
Rice		Harvested paddy seeds before rain may be dried at moisture less than 13% using the current weather condition to prevent stored pests damage.
Black gram		Farmers are advised to provide adequate drainage facilities to blackgram due to light to moderate rainfall forecast.
Banana		Provide support with wooden poles to avoid lodging of tree due to rain and wind.
Cattle	Cow	Exposure of calves and kids to rain should be avoided to prevent from pneumonia attack in view of expected high rain.

**SMS advisory**

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

## Dindigul

SMS Advisory	Chances of Moderate rain during the next five days. Maximum temperature would be in the range of 35°C to 36°C and the minimum temperature would be between 22°C-23°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 12-14 Kmph from, Northeast & East directions.
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**General Advisory:**

Extended range Forecast for next week (28th to 06th March 2025):

**Rainfall:**

As per extended range predictions, there is possibility near normal to slightly above normal rainfall likely over the district during 28th to 06th March 2025.

**Maximum Temperature:**

Maximum temperatures are likely to be near normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 28th to 06th March 2025.

**Minimum Temperature:**

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 18°C to 20°C over the district during next week 28th to 06th March 2025.

**THUNDERSTORM WARNING:**

Thunderstorm with lightning is likely to occur at one or two places over on 28. 02. 2025 & 02.03.2025. Keep your Livestock / Animals safely in the shelters. Don't tie the animals to the electric poles and under trees.

To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

It is expected to receive rainfall in forthcoming days. Hence the vegetable, fruit and flower farmers are requested to do top dressing of manure and then earthing up operation.

**Weather Based Agro-Advisories: (Drumstick, Maize & Animal Husbandry)**

**Drumstick:**

The prevailing weather condition is favorable for fruit fly incidence in drumstick.

To control the above pest, farmers can spray 5% Neem Seed Kernel Extract.

**Maize:**

To improve the grain filling, grain yield and drought tolerance capacity of the Maize crop cultivated during Thai Pattam. Farmers are advised to give a foliar spray of TNAU Maize Maxim @ 3 kg/acre in 200 litres of water at tassel initiation and at grain filling stages.

Plant protection activities should be carried out on non-rainy days.

**Animal Husbandry:**

If the temperature is high during the daytime, raising the feed trough on the poultry farm from 10 AM to 5 PM can reduce the heat.

Also, mixing mineral salts and B-complex vitamins in drinking water can protect against heat exhaustion.

To control parasitic infestation in livestock during summer, mix 3 ml of Butox in 1 litre of water and spray.

## **Madurai**

SMS Advisory	Chances of Moderate rain during the next four days. Maximum temperature would be in the range of 35°C to 36°C and the minimum temperature would be between 22°C-23°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 12-14 Kmph from, Northeast & East directions.
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**General Advisory:**

Extended range Forecast for next week (28th to 06th March 2025):

**Rainfall:**

As per extended range predictions, there is possibility near normal to slightly above normal rainfall likely over the district during 28th to 06th March 2025.



**Maximum Temperature:**

Maximum temperatures are likely to be near normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 28th to 06th March 2025.

**Minimum Temperature:**

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 18°C to 20°C over the district during next week 28th to 06th March 2025.

**THUNDERSTORM WARNING:**

Thunderstorm with lightning is likely to occur at one or two places over on 28. 02. 2025 & 02.03.2025. Keep your Livestock / Animals safely in the shelters. Don't tie the animals to the electric poles and under trees.

To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

It is expected to receive rainfall in forthcoming days. Hence the vegetable, fruit and flower farmers are requested to do top dressing of manure and then earthing up operation.

**Weather Based Agro-Advisories: (Jasmine, Sesame & Animal Husbandry)**

**Jasmine:**

To reduce the impact of excessive heat in soil and to conserve soil moisture in Jasmine gardens, farmers are advised to do mulching in Jasmine fields.

Due to this, thrips and aphids are more likely to attack the crops during the growth and flowering stages. Monitor this and spray 5% Neem Seed Kernel Extract.

**Sesame:**

Due to the prevailing weather condition, the incidence of leaf hopper is expected in Sesame. Leaf hopper is vector of phyllody. The damage symptoms are curling of leaf edges and leaves turn red or brown.

If these symptoms observed in the field, remove infected plants and destroy them.

Spray Dimethoate 30 EC 200 ml /ac with 200 liter of water.

Plant protection activities should be carried out on non-rainy days.

**Animal Husbandry:**

If the temperature is high during the daytime, raising the feed trough on the poultry farm from 10 AM to 5 PM can reduce the heat.

Also, mixing mineral salts and B-complex vitamins in drinking water can protect against heat exhaustion.

To control parasitic infestation in livestock during summer, mix 3 ml of Butox in 1 litre of water and spray.

## Pudukottai

SMS Advisory	Chances of Moderate to Rather heavy rain during the next five days. Maximum temperature would be 35°C and the minimum temperature would be between 23°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 12-14 Kmph from, Northeast, East & Southeast directions.
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### General Advisory:

Extended range Forecast for next week (28th to 06th March 2025):

### Rainfall:

As per extended range predictions, there is possibility near normal to slightly above normal rainfall likely over the district during 28th to 06th March 2025.

### Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 30°C to 34°C over the coastal of the district during next week. 28th to 06th March 2025.

### Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 20°C to 24°C over the coastal of the district during next week 28th to 06th March 2025.

Heavy rain is likely to occur at isolated places over the district on 28 February 2025 & 1 March 2025.

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.

### THUNDERSTORM WARNING:

Thunderstorm with lightning is likely to occur at one or two places over on 28.02.2025 & 02.03.2025.

Keep your Livestock / Animals safely in the shelters. Don't tie the animals to the electric poles and under trees.

To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

### Weather Based Agro-Advisories: (Sesame, Guava & Animal Husbandry)

#### Sesame:

Farmers are advised to do the thinning operation in sesame field during this month (Masi). Give a spacing of 30cm between rows and 30cm between plants.

Seeds are broadcasted and thinned to maintain 11 plants/metre<sup>2</sup>. This will induce basal branches and support for higher yield.

Guava:

The incidence of Fruit Flies is noticed in Guava. The symptoms of damage appear on fruits. The fruit fly adults and maggots attack the semi-ripened fruits, ovipositor punctures are found on fruits, maggots destroy the pulp and a bad smell comes out of it.

To control this, set up a pheromone trap. Fill a 5-litre bucket with 3 litres water + 2dry fish + 50gm Jaggery + 2 well-rotten Bananas + 1kg castor cake + 2 pieces of Pineapple and fix it as 12Nos per Acre.

Plant protection activities should be carried out on non-rainy days.

Animal Husbandry:

If the temperature is high during the daytime, raising the feed trough on the poultry farm from 10 AM to 5 PM can reduce the heat.

Also, mixing mineral salts and B-complex vitamins in drinking water can protect against heat exhaustion.

To control parasitic infestation in livestock during summer, mix 3 ml of Butox in 1 litre of water and spray.

## Ramanathapuram

SMS Advisory	Chances of Moderate to Rather heavy rain during the next five days. Maximum temperature would be 34°C and the minimum temperature would be between 23°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 12-14 Kmph from, Northeast & East directions.
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General Advisory:

Extended range Forecast for next week (28th to 06th March 2025):

Rainfall:

As per extended range predictions, there is possibility near normal to slightly above normal rainfall likely over the district during 28th to 06th March 2025.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 30°C to 34°C over the coastal of the district during next week. 28th to 06th March 2025.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 20°C to 24°C over the coastal of the district during next week 28th to 06th March 2025.

Heavy rain is likely to occur at isolated places over the district during 28 February 2025, 1 & 2 March 2025. 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, intercultural 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 grazing outside, standing near the trees or electric poles & provide safe shelter.

**THUNDERSTORM WARNING:**

Thunderstorm with lightning is likely to occur at one or two places over on 28. 02. 2025 & 02.03.2025. Keep your Livestock / Animals safely in the shelters. Don't tie the animals to the electric poles and under trees.

To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

**Weather Based Agro-Advisories: (Cotton, Black gram & Animal Husbandry)**

**Cotton:**

The incense of Stem borer noticed in cotton, the cotton plants seen with drooping leaves and wilting in patches.

To manage this, spray Chlorotraniprole @ 10ml/10 litres of water.  
Basal application of FYM @ 25 tonne/ha or Neem cake @ 250 kg/ha can also be done.  
Plant protection activities should be carried out on non-rainy days.

**Black gram:**

Using the prevailing morning humidity, farmers can plough the field and sow black gram Vamban 8 variety as a rice fallow pulse cultivation which is resistant to yellow mosaic virus.

By spraying pulse wonder @ 2 kg per acre through the leaf at the time of flowering, farmers can get a higher yield in black gram and improve the soil fertility.

**Animal Husbandry:**

If the temperature is high during the daytime, raising the feed trough on the poultry farm from 10 AM to 5 PM can reduce the heat.

Also, mixing mineral salts and B-complex vitamins in drinking water can protect against heat exhaustion.

To control parasitic infestation in livestock during summer, mix 3 ml of Butox in 1 litre of water and spray.

## Sivagangai

SMS Advisory	Chances of Moderate to Rather heavy rain during the next five days. Maximum temperature would be in the range of 35°C to 36°C and the minimum temperature would be between 22°C-23°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 12-14 Kmph from, Northeast & East directions.
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**General Advisory:**

Extended range Forecast for next week (28th to 06th March 2025):

#### Rainfall:

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#### Maximum Temperature:

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#### Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 18°C to 20°C over the district during next week 28th to 06th March 2025.

Heavy rain is likely to occur at isolated places over the district on 1 March 2025. 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, intercultural 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 grazing outside, standing near the trees or electric poles & provide safe shelter.

#### THUNDERSTORM WARNING:

Thunderstorm with lightning is likely to occur at one or two places over on 28. 02. 2025 & 02.03.2025. Keep your Livestock / Animals safely in the shelters. Don't tie the animals to the electric poles and under trees.

To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

#### Weather Based Agro-Advisories: Groundnut, Coconut & Animal Husbandry)

##### Groundnut:

In regions with limited water availability, applying a 0.5% potassium chloride spray to groundnut crops during the flowering and fruit formation stages can help reduce water retention.

##### Coconut:

Since there was no rainfall for a long period and temperature starts rising, the incidence of black headed caterpillar may be seen increasing in coconut.

To control the above pest in initial stage the braconid parasitoids may be released @ 2100 /acre.

Plant protection activities should be carried out on non-rainy days.

##### Animal Husbandry:

If the temperature is high during the daytime, raising the feed trough on the poultry farm from 10 AM to 5 PM can reduce the heat.

Also, mixing mineral salts and B-complex vitamins in drinking water can protect against heat exhaustion.

To control parasitic infestation in livestock during summer, mix 3 ml of Butox in 1 litre of water and spray.

## Theni

SMS Advisory	Chances of Moderate rain during the next four days. Maximum temperature would be in the range of 35°C to 36°C and the minimum temperature would be between 22°C-23°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 12-14 Kmph from, Northeast & East directions.
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General Advisory:

Extended range Forecast for next week (28th to 06th March 2025):

Rainfall:

As per extended range predictions, there is possibility near normal to slightly above normal rainfall likely over the district during 28th to 06th March 2025.

Maximum Temperature:

Maximum temperatures are likely to be near normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 28th to 06th March 2025.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 18°C to 20°C over the district during next week 28th to 06th March 2025.

THUNDERSTORM WARNING:

Thunderstorm with lightning is likely to occur at one or two places over on 28. 02. 2025 & 02.03.2025. Keep your Livestock / Animals safely in the shelters. Don't tie the animals to the electric poles and under trees.

To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

It is expected to receive rainfall in forthcoming days. Hence the vegetable, fruit and flower farmers are requested to do top dressing of manure and then earthing up operation.

Weather Based Agro-Advisories: (Maize, Mango & Animal Husbandry)

Maize:

Since dry weather is prevailing for a long period and the temperature is also increasing. Maize crop is most sensitive to moisture stress at 45 to 65 days after sowing.

To ensure optimum moisture availability, provide irrigation to avoid yield loss during harvest.

Mango:

The mango crop is likely to be affected, due to high temperature stress.

To overcome this, foliar spray 500 litres of water to the Mango crop in the evening hours to reduce the impact of high temperature.

Plant protection activities should be carried out on non-rainy days.

Animal Husbandry:

If the temperature is high during the daytime, raising the feed trough on the poultry farm from 10 AM to 5 PM can reduce the heat.

Also, mixing mineral salts and B-complex vitamins in drinking water can protect against heat exhaustion.

To control parasitic infestation in livestock during summer, mix 3 ml of Butox in 1 litre of water and spray.

## Kanyakumari

### AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
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.	Cocoa	All stages	Weeding, earthing up and mulching is done on need basis.
3.	Pepper	All stages	The runner shoots may be protected from spreading on the ground by coiling it on supports.
4.	Horticultural crops.	Planting stage	As 12 to 14 km / hr wind speed is anticipated, it is advised to provide staking to newly planted horticultural plants.
5.	Coconut	Juvenile period, pre-bearing and bearing stage.	Apply coir pith up to a height of 10 cm in the basin of coconut trees.
6.	Pineapple	Early growth stage	Mulching have to be given to pineapple for moisture conservation.

SMS Advisory: Basin preparation for fruits and tree spices may be taken for better rain water harvest.

## Salem

### WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>To protect animals from the hot weather fluctuations, keep them in well ventilated shelters and under the shade of trees. Coconut leaves or paddy straws may be spread over the roof of the animal shed and spray water to avoid heat stress to the animals.</p> <p>Crop residues and unconventional feeds such as tapioca leaves, onion crop residues, banana leaves and stems etc., may be fed to the animals in case of scarcity of pasture in grazing lands.</p> <p>Supplement TANUVAS mineral mixture along with concentrate feed @ 30 - 50 gm /animal /day for milch animals.</p>
Poultry	General	<p>Early summer prevails with varying temperatures during day and night hours. This weather condition leads to drop in feed intake and increased level of stress in layer birds. However, this transforming weather may predispose the birds to heat stroke, leading to sudden death. To face the early summer and acclimatize the birds, avoid encouraging birds feeding between 1 and 5 pm in the day time.</p> <p>Ensure the availability of cool drinking water to the birds in the drinkers throughout the day during summer months.</p> <p>Add soya oil in the feed to increase the energy content and to reduce the heat stress.</p> <p>Add sufficient quantity of electrolytes and vitamins in the feed to reduce the heat stress and maintain production.</p> <p>Provide mid night lighting to birds between 12 to 1 am to increase the feed intake.</p> <p>Farmers are advised to use foggers during extreme hot weather conditions to prevent heat stroke in birds.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Tapioca	Vegetative stage	<p>Due to change in climate, red spider mite incidence was reported in Tapioca crop. To control this foliar spraying of chemical pesticide Propargite @ 1 ½ ml / litre of water along with adjuvant 1 ml / litre of water may be undertaken.</p>
Coconut	General	<p>To control the loses of moisture from the soil during summer and also to build up nitrogen content in soil, farmers are requested to sow cowpea as intercrop in coconut field.</p>
Vegetable crops	General	<p>The cultivated vegetables show flower dropping and poor fruit setting symptoms due to increased temperature. To prevent this, farmers are advised to sow castor or sesbania seed around the field at a spacing of 7 – 10 feet. This will prevent the entry of hot air from outside the field and also maintain optimum temperature inside the field.</p>



## Namakkal

### WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>To protect animals from the hot weather fluctuations, keep them in well ventilated shelters and under the shade of trees. Coconut leaves or paddy straws may be spread over the roof of the animal shed and spray water to avoid heat stress to the animals.</p> <p>Crop residues and unconventional feeds such as tapioca leaves, onion crop residues, banana leaves and stems etc., may be fed to the animals in case of scarcity of pasture in grazing lands.</p> <p>Supplement TANUVAS mineral mixture along with concentrate feed @ 30 - 50 gm /animal /day for milch animals.</p>
Poultry	General	<p>Early summer prevails with varying temperatures during day and night hours. This weather condition leads to drop in feed intake and increased level of stress in layer birds. However, this transforming weather may predispose the birds to heat stroke, leading to sudden death. To face the early summer and acclimatize the birds, avoid encouraging birds feeding between 1 and 5 pm in the day time.</p> <p>Ensure the availability of cool drinking water to the birds in the drinkers throughout the day during summer months.</p> <p>Add soya oil in the feed to increase the energy content and to reduce the heat stress.</p> <p>Add sufficient quantity of electrolytes and vitamins in the feed to reduce the heat stress and maintain production.</p> <p>Provide mid night lighting to birds between 12 to 1 am to increase the feed intake.</p> <p>Farmers are advised to use foggers during extreme hot weather conditions to prevent heat stroke in birds.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Tapioca	Vegetative stage	<p>Due to change in climate, red spider mite incidence was reported in Tapioca crop. To control this foliar spraying of chemical pesticide Propargite @ 1 ½ ml / litre of water along with adjuvant 1 ml / litre of water may be undertaken.</p>
Coconut	General	<p>To control the loses of moisture from the soil during summer and also to build up nitrogen content in soil, farmers are requested to sow cowpea as intercrop in coconut field.</p>
Vegetable crops	General	<p>The cultivated vegetables show flower dropping and poor fruit setting symptoms due to increased temperature. To prevent this, farmers are advised to sow castor or sesbania seed around the field at a spacing of 7 – 10 feet. This will prevent the entry of hot air from outside the field and also maintain optimum temperature inside the field.</p>

## Dharmapuri

### WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>To protect animals from the hot weather fluctuations, keep them in well ventilated shelters and under the shade of trees. Coconut leaves or paddy straws may be spread over the roof of the animal shed and spray water to avoid heat stress to the animals.</p> <p>Crop residues and unconventional feeds such as tapioca leaves, onion crop residues, banana leaves and stems etc., may be fed to the animals in case of scarcity of pasture in grazing lands.</p> <p>Supplement TANUVAS mineral mixture along with concentrate feed @ 30 - 50 gm /animal /day for milch animals.</p>
Poultry	General	<p>Early summer prevails with varying temperatures during day and night hours. This weather condition leads to drop in feed intake and increased level of stress in layer birds. However, this transforming weather may predispose the birds to heat stroke, leading to sudden death. To face the early summer and acclimatize the birds, avoid encouraging birds feeding between 1 and 5 pm in the day time.</p> <p>Ensure the availability of cool drinking water to the birds in the drinkers throughout the day during summer months.</p> <p>Add soya oil in the feed to increase the energy content and to reduce the heat stress.</p> <p>Add sufficient quantity of electrolytes and vitamins in the feed to reduce the heat stress and maintain production.</p> <p>Provide mid night lighting to birds between 12 to 1 am to increase the feed intake.</p> <p>Farmers are advised to use foggers during extreme hot weather conditions to prevent heat stroke in birds.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Tapioca	Vegetative stage	<p>Due to change in climate, red spider mite incidence was reported in Tapioca crop. To control this foliar spraying of chemical pesticide Propargite @ 1 ½ ml / litre of water along with adjuvant 1 ml / litre of water may be undertaken.</p>
Coconut	General	<p>To control the loses of moisture from the soil during summer and also to build up nitrogen content in soil, farmers are requested to sow cowpea as intercrop in coconut field.</p>
Vegetable crops	General	<p>The cultivated vegetables show flower dropping and poor fruit setting symptoms due to increased temperature. To prevent this, farmers are advised to sow castor or sesbania seed around the field at a spacing of 7 – 10 feet. This will prevent the entry of hot air from outside the field and also maintain optimum temperature inside the field.</p>

## Krishnagiri

### WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>To protect animals from the hot weather fluctuations, keep them in well-ventilated shelters and under the shade of trees. Coconut leaves or paddy straws may be spread over the roof of the animal shed and spray water to avoid heat stress to the animals.</p> <p>Crop residues and unconventional feeds such as tapioca leaves, onion crop residues, banana leaves and stems etc., may be fed to the animals in case of scarcity of pasture in grazing lands.</p> <p>Supplement TANUVAS mineral mixture along with concentrate feed @ 30 - 50 gm /animal /day for milch animals.</p>
Poultry	General	<p>Early summer prevails with varying temperatures during day and night hours. This weather condition leads to drop in feed intake and increased level of stress in layer birds. However, this transforming weather may predispose the birds to heat stroke, leading to sudden death. To face the early summer and acclimatize the birds, avoid encouraging birds feeding between 1 and 5 pm in the day time.</p> <p>Ensure the availability of cool drinking water to the birds in the drinkers throughout the day during summer months.</p> <p>Add soya oil in the feed to increase the energy content and to reduce the heat stress.</p> <p>Add sufficient quantity of electrolytes and vitamins in the feed to reduce the heat stress and maintain production.</p> <p>Provide mid night lighting to birds between 12 to 1 am to increase the feed intake.</p> <p>Farmers are advised to use foggers during extreme hot weather conditions to prevent heat stroke in birds.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Tapioca	Vegetative stage	<p>Due to change in climate, red spider mite incidence was reported in Tapioca crop. To control this foliar spraying of chemical pesticide Propargite @ 1 ½ ml / litre of water along with adjuvant 1 ml / litre of water may be undertaken.</p>
Coconut	General	<p>To control the loses of moisture from the soil during summer and also to build up nitrogen content in soil, farmers are requested to sow cowpea as intercrop in coconut field.</p>
Vegetable crops	General	<p>The cultivated vegetables show flower dropping and poor fruit setting symptoms due to increased temperature. To prevent this, farmers are advised to sow castor or sesbania seed around the field at a spacing of 7 – 10 feet. This will prevent the entry of hot air from outside the field and also maintain optimum temperature inside the field.</p>

## Karaikal

### Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Sesame	Sowing	Rice fallow sesame VRI (SV) 1 @ 5 kg/ha may be sown in between February 15 to March 15. Treat the seed with Trichoderma @ 4g/kg or Carbendazim @ 2 g/kg of seeds before sowing.
Cotton	Sowing	For rice fallow cotton, delinted seeds of MCU 7 or SVPR 3 @ 7.5 kg/ha shall be used for sowing.
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.
Cattle	Babesiosis	There may be an occurrence of babesiosis in cattle in February. Jaundice like symptom, yellowish mucosal membrane of eye, rectum and coffee coloured urine are the symptoms of this disease. If cattle are left unattended, after a few days, suffocation will occur and the cow may die. To control the disease, consult a veterinarian immediately. Keep the cattle shed always clean to avoid this disease. In cattle, as a preventive measure for Babesiosis disease, apply Butox @ 2 ml/l of water on cattle and also spray it on the nearby areas of the cattle shed to control ectoparasites.

SMS: Rice fallow sesame can be sown till second week of March.

## Puducherry

### Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Brinjal		To manage Brinjal shoot borer, apply neem cake 200 kg/ha or spray Emamectin Benzoate 4% SG@ 0.4g/l.
Groundnut		In groundnut, apply gypsum 200 kg + borax 10 kg and earthing up on 45 DAS for improving flowering and pod formation.

	To control Groundnut leaf minor, set up light trap between 6 to 10 pm at ground level
Blackgram / Greengram	Foliar spray of TNAU Pulse Wonder @ 2 kg/acre in 200 litres of water at flower initiation stage decreases flower shedding, increases yield. (Or) To promote flowering and increase the yield in black gram and green gram spray panchagavya 2% (20ml/l) or fish meal extract 1% (10ml/l) or DAP 2% on 30 and 45 days after sowing.
Cattle	There may be an occurrence of babesiosis in cattle in February. Jaundice like symptom, yellowish mucosal membrane of eye, rectum and coffee coloured urine are the symptoms of this disease. If cattle are left unattended, after a few days, suffocation will occur and the cow may die. To control the disease, consult a veterinarian immediately. Keep the cattle shed always clean to avoid this disease. In cattle, as a preventive measure for Babesiasis disease, apply Butox @ 2 ml/l of water on cattle and also spray it on the nearby areas of the cattle shed to control ectoparasites.

SMS: Apply gypsum to groundnut crop and DAP spray to pulse crop.

