

तमिलनाडु के लिए जिला स्तरीय कृषि मौसम सलाहकार बुलेटिन



DISTRICT LEVEL

**Agro meteorological Advisory Bulletin for the state of
Tamil Nadu Bulletin No. 019/2024**

For the period 0830 IST, 05th March 2024 to
0830 IST, 10th March 2024

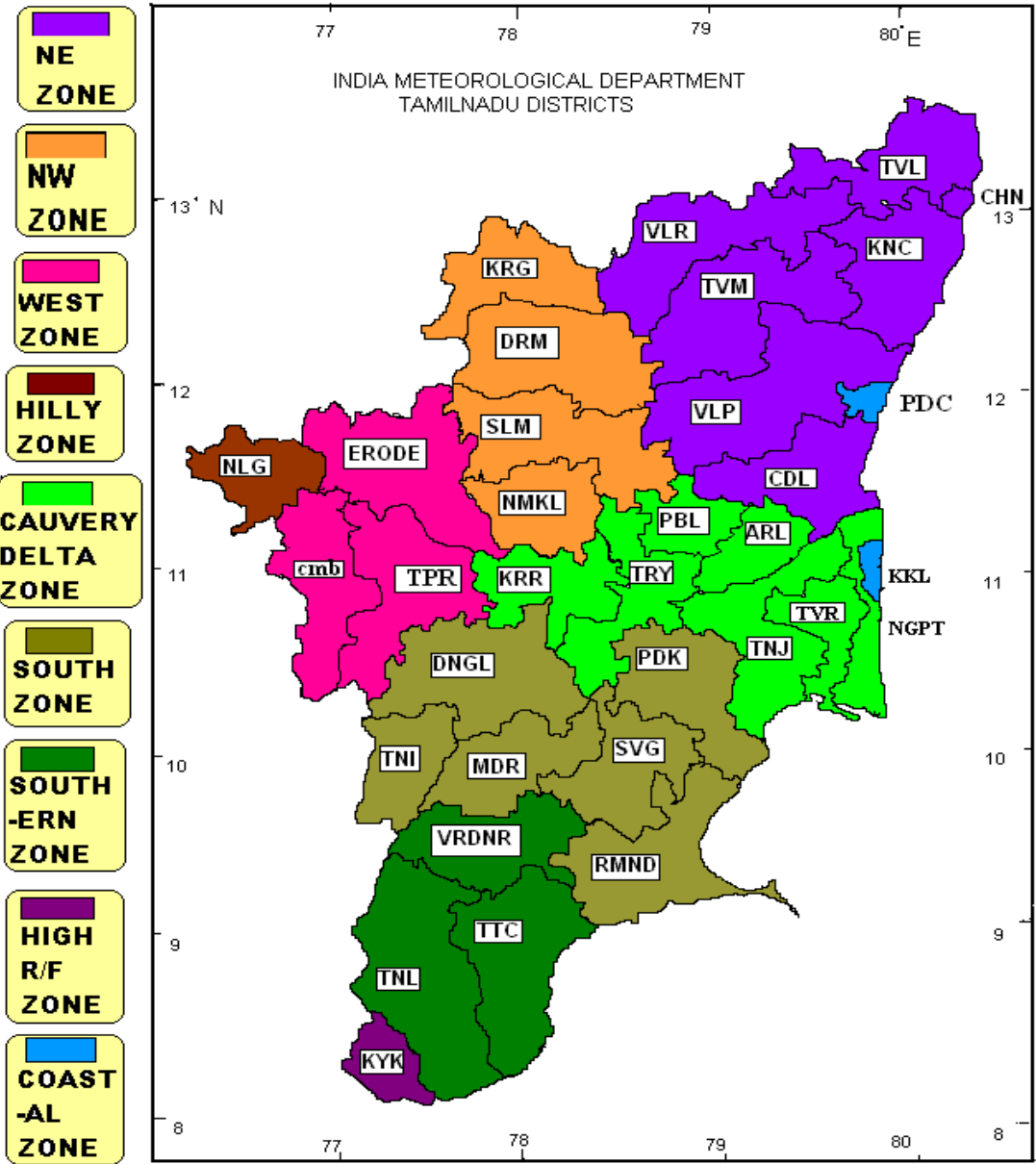
Issued on Tuesday, 05th March 2024

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 01.03.24 to 04.03.24 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 31°C – 37°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 19°C – 26°C during the period.

Minimum temperature of range 19°C - 27°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 08°C - 12°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	01.03.24 to 04.03.24	01.03.24 to 04.03.24

Chief Amounts of Rainfall (in cms):-

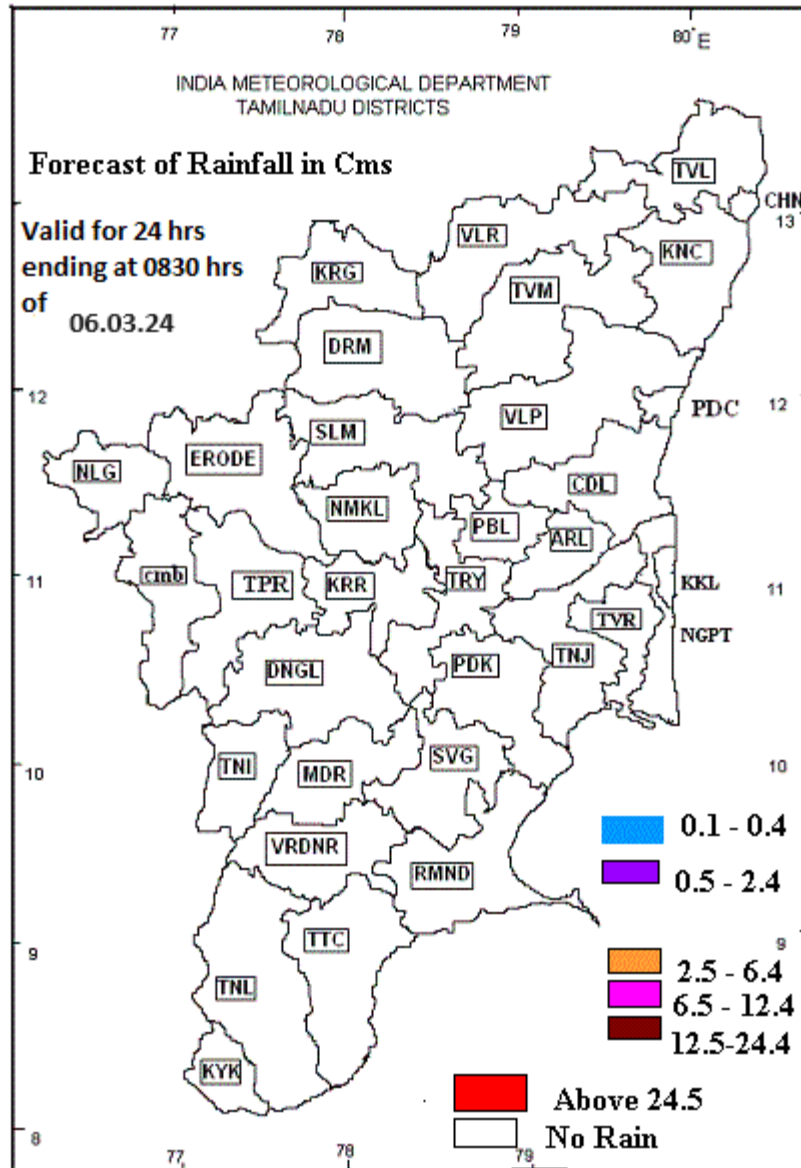
01.03.24 : Nil

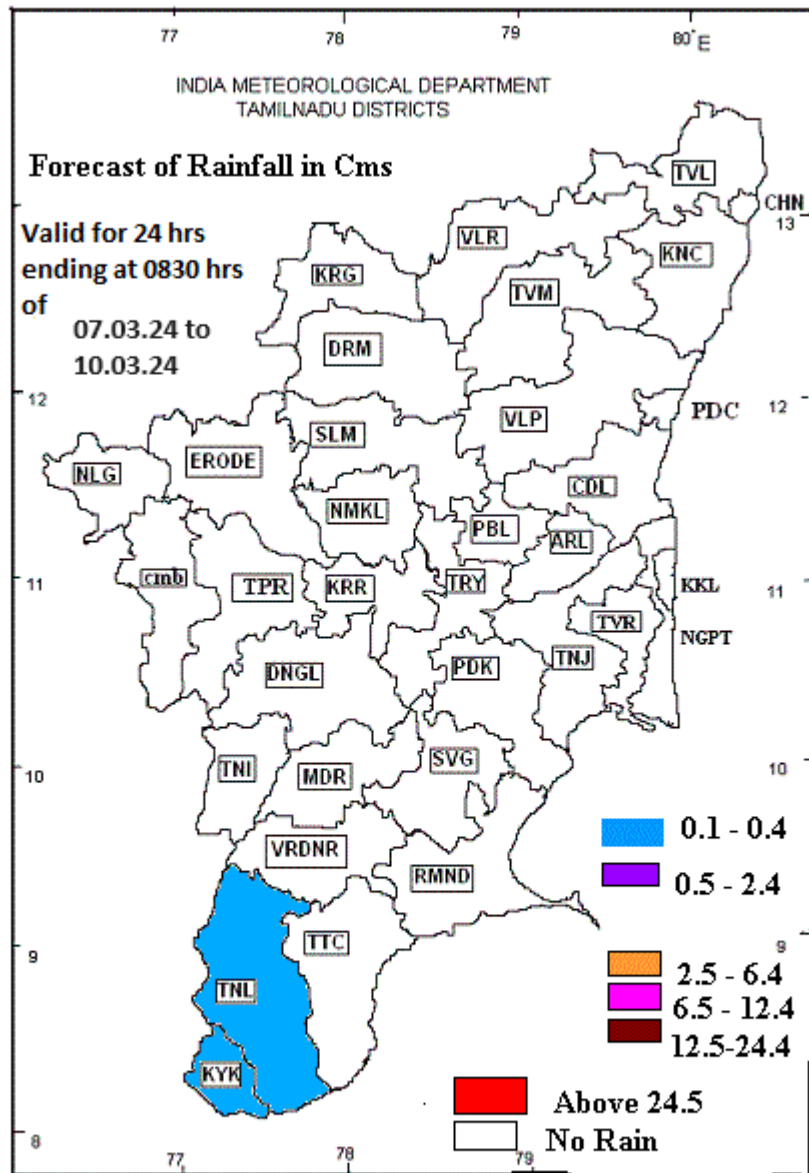
02.03.24 : Nil

03.03.24 : Nil

04.03.24 : Nil

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 05.03.24
VALID FOR THE NEXT 5 DAYS**





District-wise Agromet Advisories

Chennai

SMS Advisory:

(06.03.2024-10.03.2024) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory

1. The ewes does which are ready for mating must be supplemented with leguminous fodder and energy rich fodder along with minerals mixture and vitamins before mating where is called flushing.
2. The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.
3. The dairy cattle must be supplemented with mineral mixture to enhance milk production.
4. Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.
5. The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
6. This month is conducive for breeding in sheep, it may be allowed for mating this month.
7. The ruminants must not be allowed to graze in dew laden grass before sunrise
8. 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.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

Kancheepuram

SMS Advisory:

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2. The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.
3. The dairy cattle must be supplemented with mineral mixture to enhance milk production.
4. Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.
5. The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
6. This month is conducive for breeding in sheep, it may be allowed for mating this month.
7. The ruminants must not be allowed to graze in dew laden grass before sunrise
8. 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.
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

Agricultural advisory

Rice:

Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

To control leaf folder, to spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water or fipronil 2ml/litre.

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.

Due to prevailing weather conditions gall midge infestation is found in paddy crop. To control spray chlorpyrifos 20% EC 500 ml/ac or phosalone 35 EC 600 ml/ac.

Due to prevailing weather condition brown plant leafhopper infestation is found in paddy crop.

Symptoms Nymphs and adults congregate at the base of the plant above the water level.

Affected plant dries up and gives a scorched appearance called "hopper burn". Circular patches of drying and lodging of matured plant. To control spray dinotefuran 20 SG @ 80 g/ac or pymetrozine 50% WG @ 120 g/ac or thiamethoxam 25 WG @ 40 g/ac with wetting agent.

The forecasted weather may cause 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:

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

There are possibilities of leaf feeding Tobacco Caterpillar infestation in ground nut crop. For management farmers are advised to spray dichlorovos 76 WSC @ 750 m.l./ha.

Banana:

To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 1 kg/acre. or drenching with Bacillus subtilis 5 ml/litre.

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:

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Due to prevailing weather condition brown plant leafhopper infestation is found in paddy crop. Symptoms Nymphs and adults congregate at the base of the plant above the water level.

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Coconut:

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Tiruvannamalai

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Tiruvallur

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Vellore

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Cuddalore

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Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Dry days with mostly clear sky is expected during next week with wind speed of 4-10 km/hr in western zone districts. Both the maximum and minimum temperature are increasing. Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture.
Rice	Flowering	Due to rising temperature (both maximum and minimum), sucking pest may appear in transplanted Navarai season rice. To control, spraying of thiamethoxan 25 WG @ 0.3 g/lit.
Groundnut	Flowering	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. Apply T. Viride @ 2.5 kg / ha. with 250 kg of FYM.
Sesamum	Sowing	This is the right time for sowing irrigated sesame up to this month, considering high maximum temperature and relative humidity. If phyllody symptoms noticed, remove the infected plants & spray Imidacloprid 17.8% SC @ 40 ml / acre.
Sugarcane	Vegetative	Apply 90Kg N + 40Kg K ₂ O per hectare as top dressing followed by irrigation for early season planted sugarcane more than 60 days and mid-season planted sugarcane more than 30 days.
Banana		Bacterial soft rot disease is prevalence will be possible in 5 months old banana crop provide support to banana above 5 months old as wind speed is around 4 – 10 kmph. Grow green manure crop around the banana tree.
Turmeric	Harvest	Considering the prevailing dry weather, harvested turmeric may be processed for marketing.
Animal Husbandry		Since the day temperature found increasing, provide enough clean water to both animals and poultry. Hang wet gunny bags around the animal and poultry sheds to reduce the temperature. Do not allow animals for grazing during mid day.

SMS advisory

Since the day temperature found increasing, provide enough clean water to both animals and poultry.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Dry days with mostly clear sky is expected during next week with wind

		speed of 4-10 km/hr in western zone districts. Both the maximum and minimum temperature are increasing. Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture.
Rice	Flowering	Due to rising temperature (both maximum and minimum), sucking pest may appear in transplanted Navarai season rice. To control, spraying of thiamethoxan 25 WG @ 0.3 g/lit.
Maize	Flowering	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. Maintain the soil moisture to prevent charcoal rot disease.
Groundnut	Flowering	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. Apply T. Viride @ 2.5 kg / ha. with 250 kg of FYM.
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SMS advisory

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Tiruppur

Agro Advisory

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SMS advisory

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

Agro Advisory

Crop	Stage	Advisory
Sesame	Sowing	Sesame varieties suitable for Masipattam are TMV 4, VRI 1 and TMV 7.
Pulses	Blackgram	In rice fallow black gram, spray DAP (2%) + KCl (1%) solution on morning or evening at flower initiation and another at 15 days interval. Alternatively “pulse wonder” at 5.0 kg/ha can be sprayed during flower initiation.
Pulses	Blackgram	In the rice fallow blackgram, powdery mildew disease would be more pronounced due to dew in morning time. For the management of powdery mildew disease, spray carbendazim 100 g/ac or wettable sulphur 1 kg/ac.
Cattle	Cow	Due to increase in day temperature avoid grazing in hot hours of the day.

SMS advisory

Sesame varieties suitable for Masipattam are TMV 4, VRI 1 and TMV 7.

Dindigul

SMS Advisory	Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 37°C to 38°C and the minimum temperature would be 23°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 6-8 Kmph from, Southeast direction.
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General Advisory:

The Maximum Temperature is expected to raise in the forthcoming days, so the soil moisture content may be reduced. Hence, the horticultural farmers are advised to take up mulching around the root basin of the crop with dried leaves, grass and other farm wastes to retain the soil moisture content. Based on the soil moisture condition of your field, provide irrigation to your crops.

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

Coconut:

The incense of Leaf blight in Coconut. it causes serious damage to seedlings, leaves and nuts of adult palms. Generally, the adult leaves in the outer whorls are affected. The affected nuts were desiccated, shrunken, deformed and dropped prematurely resulting in nut yield loss of up to 10 to 25%.

The incidence will occur throughout the year and the maximum incidence will be observed during summer.

Remove and burn the severely affected leaves to avoid further spread.

To control apply 200g Pseudomonas fluorescens along with 50 kg of FYM + 5 kg of Neem cake /palm/year.

Spray 0.25% Copper oxychloride 2 times in 45-day intervals during summer months.

Guava:

The incidence of spiraling 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 will develop, yellowing and shedding of leaves.

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

Animal Husbandry:

Due to the prevailing hot weather conditions, your cattle may be affected by issues like respiratory distress and mucous discharge from the mouth. To overcome these problems, farmers are advised to prepare and feed the mixture balls.

Take an equal amount of Jaggery, Cumin seed, and Onion. grind the ingredients and make them as round balls. Feed these balls to the affected cow in the morning and evening hours.

Madurai

SMS Advisory	Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 37°C to 38°C and the minimum temperature would be 23°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 6-8 Kmph from, Southeast & East directions.
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General Advisory:

The Maximum Temperature is expected to raise in the forthcoming days, so the soil moisture content may be reduced. Hence, the horticultural farmers are advised to take up mulching around the root basin of the crop with dried leaves, grass and other farm wastes to retain the soil moisture content. Based on the soil moisture condition of your field, provide irrigation to your crops.

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

Jasmine:

The incidence of Eriophyid mites is expected in Jasmine. Mite felt-like hairy outgrowth seen on the surface of the leaves, tender stems and flower buds.

The growth of plants becomes stunted and flower production is also affected. To control, spray Propargite @ 35 ml + Sticky agent 10 ml with 10 litres of water.

Paddy:

Before transplanting the paddy, mix Azospirillum and Phosphobacteria or Azophos at the rate of one kg per acre in 40 litres of water and prepare the solution

Soak the root portion of the rice seedlings in the solution for 15 to 30 minutes and then transplant it in the main field.

Animal Husbandry:

Due to the prevailing hot weather conditions, your cattle may be affected by issues like respiratory distress and mucous discharge from the mouth. To overcome these problems, farmers are advised to prepare and feed the mixture balls.

Take an equal amount of Jaggery, Cumin seed, and Onion. grind the ingredients and make them as round balls. Feed these balls to the affected cow in the morning and evening hours.

Pudukottai

SMS Advisory	Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 35°C to 36°C and the minimum temperature would be between 23°C-24°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 8-12 Kmph from, Southeast direction.
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General Advisory:

The Maximum Temperature is expected to raise in the forthcoming days, so the soil moisture content may be reduced. Hence, the horticultural farmers are advised to take up mulching around the root basin of the crop with dried leaves, grass and other farm wastes to retain the soil moisture content. Based on the soil moisture condition of your field, provide irrigation to your crops.

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

Tomato:

The incidence of Bacterial wilting was noticed in the Tomato field. Characteristic symptoms of bacterial wilt are rapid and complete wilting of normally grown-up plants. Lower leaves may drop before wilting. It may invade the cortex and pith and cause yellowish-brown discolouration of tissues.

To manage this, avoid damage to seedlings while transplanting and apply bleaching powder @ 10 kg/ha. Keeping the Crop rotations, viz., Okra-cowpea-maize, maize-cowpea-maize and finger millet-egg plants are reported effective in reducing bacterial wilt of tomato.

Jasmine:

Due to the prevailing weather conditions the incense of Leaf spot disease may be expected in the Jathimalli (Jasmine) flower crop.

Black spots appear and spread throughout the leaf, showing a burning appearance.

To control, spray Difenconazole @ 2 ½ gm per litre of water

Animal Husbandry:

Due to the prevailing hot weather conditions, your cattle may be affected by issues like respiratory distress and mucous discharge from the mouth. To overcome these problems, farmers are advised to prepare and feed the mixture balls.

Take an equal amount of Jaggery, Cumin seed, and Onion. grind the ingredients and make them as round balls. Feed these balls to the affected cow in the morning and evening hours.

Ramanathapuram

SMS Advisory	Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 34°C to 35°C and the minimum temperature would be between 23°C-24°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 10-14 Kmph from, Southeast & East directions.
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General Advisory:

The Maximum Temperature is expected to raise in the forthcoming days, so the soil moisture content may be reduced. Hence, the horticultural farmers are advised to take up mulching around the root basin of the crop with dried leaves, grass and other farm wastes to retain the soil moisture content. Based on the soil moisture condition of your field, provide irrigation to your crops.

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

Cotton:

The incense of Bacterial leaf blight is noticed in Cotton. The symptom appears on leaves with small, brown, irregular or round spots. Sometimes stem lesions are also seen. In severe cases, the spots may appear on bracts and bolls.

Remove and destroy the infected plant residues.

To control spray Copper hydroxide 77% WP @ 35gm + Copper Oxchloride @ 20gm + Sticky agent @ 10ml with 10 litres of water.

Chilly:

To control the flower, and fruit falling and to increase the fruit set in the chilly crop, farmers are advised to spray NAA 10ppm (10 mg/ litre of water) on the 60th and 100th days after planting.

And spray Triacntanol @ 1.25 ml/l on 20, 40, 60 and 80th day of planting.

Animal Husbandry:

Due to the prevailing hot weather conditions, your cattle may be affected by issues like respiratory distress and mucous discharge from the mouth. To overcome these problems, farmers are advised to prepare and feed the mixture balls.

Take an equal amount of Jaggery, Cumin seed, and Onion. grind the ingredients and make them as round balls. Feed these balls to the affected cow in the morning and evening hours.

Sivagangai

SMS Advisory	Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 37°C to 38°C and the minimum temperature would be 23°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 8-12 Kmph from, Southeast & East directions.
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General Advisory:

The Maximum Temperature is expected to raise in the forthcoming days, so the soil moisture content may be reduced. Hence, the horticultural farmers are advised to take up mulching around the root basin of the crop with dried leaves, grass and other farm wastes to retain the soil moisture content. Based on the soil moisture condition of your field, provide irrigation to your crops.

Weather Based Agro – Advisories: (Important Crops: Groundnut, Coconut & Animal Husbandry)

Groundnut:

The leaf miner incidence is noticed in the Groundnut crop. The symptom of damage appears on leaves; the larvae web the leaflets together and feed on them, remaining within the folds. The severely attacked field looks "burnt".

To control this, farmers are advised to set up a light trap to monitor and kill the adult moths and watch for the incidence of the red hairy caterpillar.

If needed, spray 5% of Neem seed kernel extract (NSKE).

Coconut:

During the summer season, mulching technology can be practised in Coconut grooves to reduce water evaporation.

Apply the coconut husks (100 Nos.) with the convex surface facing upwards or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 metre radius around the palms as mulch for soil moisture conservation.

Animal Husbandry:

Due to the prevailing hot weather conditions, your cattle may be affected by issues like respiratory distress and mucous discharge from the mouth. To overcome these problems, farmers are advised to prepare and feed the mixture balls.

Take an equal amount of Jaggery, Cumin seed, and Onion. grind the ingredients and make them as round balls. Feed these balls to the affected cow in the morning and evening hours.

Theni

SMS Advisory	Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 37°C to 38°C and the minimum temperature would be 23°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 4-6 Kmph from, East & Northeast directions.
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General Advisory:

The Maximum Temperature is expected to raise in the forthcoming days, so the soil moisture content may be reduced. Hence, the horticultural farmers are advised to take up mulching around the root basin of the crop with dried leaves, grass and other farm wastes to retain the soil moisture content. Based on the soil moisture condition of your field, provide irrigation to your crops.

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

Sugarcane:

In Sugarcane, the first symptoms of the disease become apparent only when the plant has grown for about 4-5 months. Then gradual yellowing and drying of foliage, shrinkage/withering of canes.

If we cut and examine the affected canes, the pith will be light to dark purplish or brown discolouration of ground tissue, pithiness and boat-shaped cavities in the middle of the internodes.

A characteristic disagreeable odour is also associated with this disease. Often a cottony white mycelium is seen in the pith region.

Select healthy seed setts from disease-free areas for planting, Grow resistant varieties like Co 617 and B.P.17 are more resistant than other varieties

Crop rotation, managing root borer, avoiding prolonged drought and water logging and hygienic practices.

Dipping the setts in 40 ppm of boron or manganese, or spraying the plants with either of these minor elements reduces the disease intensity.

Treat the Setts with fungicide like Bavistin, 0.1 per cent before planting

Soil drenching of Carbendazim @ 2gm/lit of water at the root zone area and follow the same in 15 days' interval.

Banana:

There is a chance for the incidence of nematode in the Banana varieties like Poovan, Rasthali, Monthan, Karpooravalli and Neypoovan, which are planted during the March, and April months.

As a preventive measure, before planting, pre-treat the suckers with press mud application and pare and dip the corm in the solution of 5gm pseudomonas fluorescence, 5gm Trichoderma viride, and 5gm Bacillus, shade dry and plant.

Animal Husbandry:

Due to the prevailing hot weather conditions, your cattle may be affected by issues like respiratory distress and mucous discharge from the mouth. To overcome these problems, farmers are advised to prepare and feed the mixture balls.

Take an equal amount of Jaggery, Cumin seed, and Onion. grind the ingredients and make them as round balls. Feed these balls to the affected cow in the morning and evening hours.

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Coconut	All stages	Summer irrigation should be done to increase the female flower production and setting percentage.
2.	Pulses	Planting stage	Yellow Mosaic vein resistant varieties viz., Vamban 6 and Vamban 8 may be Planted in the Rice fallow land.
3.	Clove	All stages	There is very light rainfall in the forthcoming days. Hence the plants may be irrigated regularly.
4.	Pineapple	Early growth stage	Mulching have to be given to pineapple for moisture conservation.
5.	Jasmine	Flowering stage	Fully developed unopened flower buds should be picked in the morning before 8 A.M for retaining of freshness.
6.	Coconut	Nut bearing stage	For nut bearing coconut root feeding of TNAU coconut tonic @ 200 ml per tree.
7.	Horticultural crops	All stages	Irrigation should be given to fruit trees, Spices, Vegetables and other horticultural crops.

SMS Advisory

Spraying of imidacloprid 17.8 SL at 0.3 ml/litre of water for the control of mango hoppers.

Salem

Weather Advisory Bulletin for livestock, poultry and agro advisory

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	In dairy animals, to improve fat and SNF in milk during summer season 100 grams of sodium bicarbonate /animal should be added daily in feed. Also 70 litres of good quality drinking water should be given to all dairy animals daily.
Poultry	General	Due to prevailing weather condition favourable for ranikhet disease in poultry. The main symptoms are twisting of neck and paralysis of wings and legs, Diarrhoea, Drop in egg production and sudden death. Desi birds should be vaccinated against Ranikhet Disease on 7th day with F1 strain (Eye drop),

		<p>on 28th day with Lasota (Eye drop) and on 56th day with RDVK vaccine. Along with that to reduce the incidence of Ranikhet Disease use ethno veterinary medicine as follows</p> <p>Required Ingredients for 10 desi birds</p> <p>Cumin seeds (Seeragam) – 10 grams</p> <p>Black pepper (Milagu) - 5 grams</p> <p>Turmeric powder - 5 grams</p> <p>Small onion - 5 numbers</p> <p>Garlic - 5 cloves</p> <p>Phyllanthus amarus (Keelanelli) – 50 grams</p> <p>Procedure:</p> <p>Grind all the ingredients and make slimy paste into small balls.</p> <p>The balls may be giving in divided doses through oral route or mix with feed ingredients and can be given to the affected birds.</p>
Agro advisory from Krishi Vigyan Kendra		
Mango	Fruiting stage	To reduce the fruit drop and increase the yield in mango give foliar spraying with mango special @ 5 gram / litre of water along with shampoo and lemon juice.
Vegetable crops	General	Due to high temperature during current weather condition, sucking pest incidence is more in vegetable crops and yield will be reduced. Hence, farmers are advised to install yellow sticky trap (5 no / acre) and foliar spray of neem oil and pungam oil (75 ml+75 ml+ 20 ml wetting agent / 15 litre of water) to control the sucking pest in vegetable crops.
Tapioca	Vegetative stage	Farmers are requested to give general recommendation of urea @ 39 kg and muriate of potash @ 80 kg per acre as top dress within 90 days after planting of tapioca.
Cotton	Sowing stage	Farmers are advised to taken cotton cultivation with newly recommended extra long stable (ELS) suraksha variety instead of surabi under high density planting system (90 cm X 15 cm gap) for higher yield and income in summer irrigated season.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	In dairy animals, to improve fat and SNF in milk during summer season 100 grams of sodium bicarbonate /animal should be added daily in feed. Also 70 litres of good quality drinking water should be given to all dairy animals daily.
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		Required Ingredients for 10 desi birds

		<p>Cumin seeds (Seeragam) – 10 grams Black pepper (Milagu) - 5 grams Turmeric powder - 5 grams Small onion - 5 numbers Garlic - 5 cloves Phyllanthus amarus (Keelanelli) – 50 grams</p> <p>Procedure: Grind all the ingredients and make slimy paste into small balls. The balls may be giving in divided doses through oral route or mix with feed ingredients and can be given to the affected birds.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Mango	Fruiting stage	To reduce the fruit drop and increase the yield in mango give foliar spraying with mango special @ 5 gram / litre of water along with shampoo and lemon juice.
Vegetable crops	General	Due to high temperature during current weather condition, sucking pest incidence is more in vegetable crops and yield will be reduced. Hence, farmers are advised to install yellow sticky trap (5 no / acre) and foliar spray of neem oil and pungam oil (75 ml+75 ml+ 20 ml wetting agent / 15 litre of water) to control the sucking pest in vegetable crops.
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Cotton	Sowing stage	Farmers are advised to taken cotton cultivation with newly recommended extra long stable (ELS) suraksha variety instead of surabi under high density planting system (90 cm X 15 cm gap) for higher yield and income in summer irrigated season.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	In dairy animals, to improve fat and SNF in milk during summer season 100 grams of sodium bicarbonate /animal should be added daily in feed. Also 70 litres of good quality drinking water should be given to all dairy animals daily.
Poultry	General	<p>Due to prevailing weather condition favourable for ranikhet disease in poultry. The main symptoms are twisting of neck and paralysis of wings and legs, Diarrhoea, Drop in egg production and sudden death. Desi birds should be vaccinated against Ranikhet Disease on 7th day with F1 strain (Eye drop), on 28th day with Lasota (Eye drop) and on 56th day with RDVK vaccine. Along with that to reduce the incidence of Ranikhet Disease use ethno veterinary medicine as follows</p> <p>Required Ingredients for 10 desi birds Cumin seeds (Seeragam) – 10 grams Black pepper (Milagu) - 5 grams</p>

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Tapioca	Vegetative stage	Farmers are requested to give general recommendation of urea @ 39 kg and muriate of potash @ 80 kg per acre as top dress within 90 days after planting of tapioca.
Cotton	Sowing stage	Farmers are advised to taken cotton cultivation with newly recommended extra long stable (ELS) suraksha variety instead of surabi under high density planting system (90 cm X 15 cm gap) for higher yield and income in summer irrigated season.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	In dairy animals, to improve fat and SNF in milk during summer season 100 grams of sodium bicarbonate /animal should be added daily in feed. Also 70 litres of good quality drinking water should be given to all dairy animals daily.
Poultry	General	<p>Due to prevailing weather condition favourable for ranikhet disease in poultry. The main symptoms are twisting of neck and paralysis of wings and legs, Diarrhoea, Drop in egg production and sudden death. Desi birds should be vaccinated against Ranikhet Disease on 7th day with F1 strain (Eye drop), on 28th day with Lasota (Eye drop) and on 56th day with RDVK vaccine. Along with that to reduce the incidence of Ranikhet Disease use ethno veterinary medicine as follows</p> <p>Required Ingredients for 10 desi birds Cumin seeds (Seeragam) – 10 grams Black pepper (Milagu) - 5 grams Turmeric powder - 5 grams Small onion - 5 numbers Garlic - 5 cloves</p>

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Cotton	Sowing stage	Farmers are advised to taken cotton cultivation with newly recommended extra long stable (ELS) suraksha variety instead of surabi under high density planting system (90 cm X 15 cm gap) for higher yield and income in summer irrigated season.

Karaikal

Agro Advisory

Crop	Stage	Advisory
Rice fallow pulses	Flowering	Two percent of DAP spray (Dissolve 4.5 kg of DAP in 10 litres of water previous day night and at morning the supernatant liquid shall be mixed with 190 litres of water) may be done at the time of flowering and another dose at fifteen days after first spray for rice fallow pulses.
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.
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 sesame can be sown till second week of March.

Puducherry

Agro Advisory

Crop	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 200kg + borax 10 kg and earthing up on 45 DAS for improving flowering and pod formation
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.
Groundnut	To control Groundnut leaf minor, set up light trap between 6 to 10 pm at ground level

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

