



तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श
बुलेटिन



**State Composite Agro-meteorological Advisory
Bulletin for Tamil Nadu and Puducherry
Bulletin No. 029/2024**

For the period 0830 IST, 09th April 2024 to

0830 IST, 14th April 2024

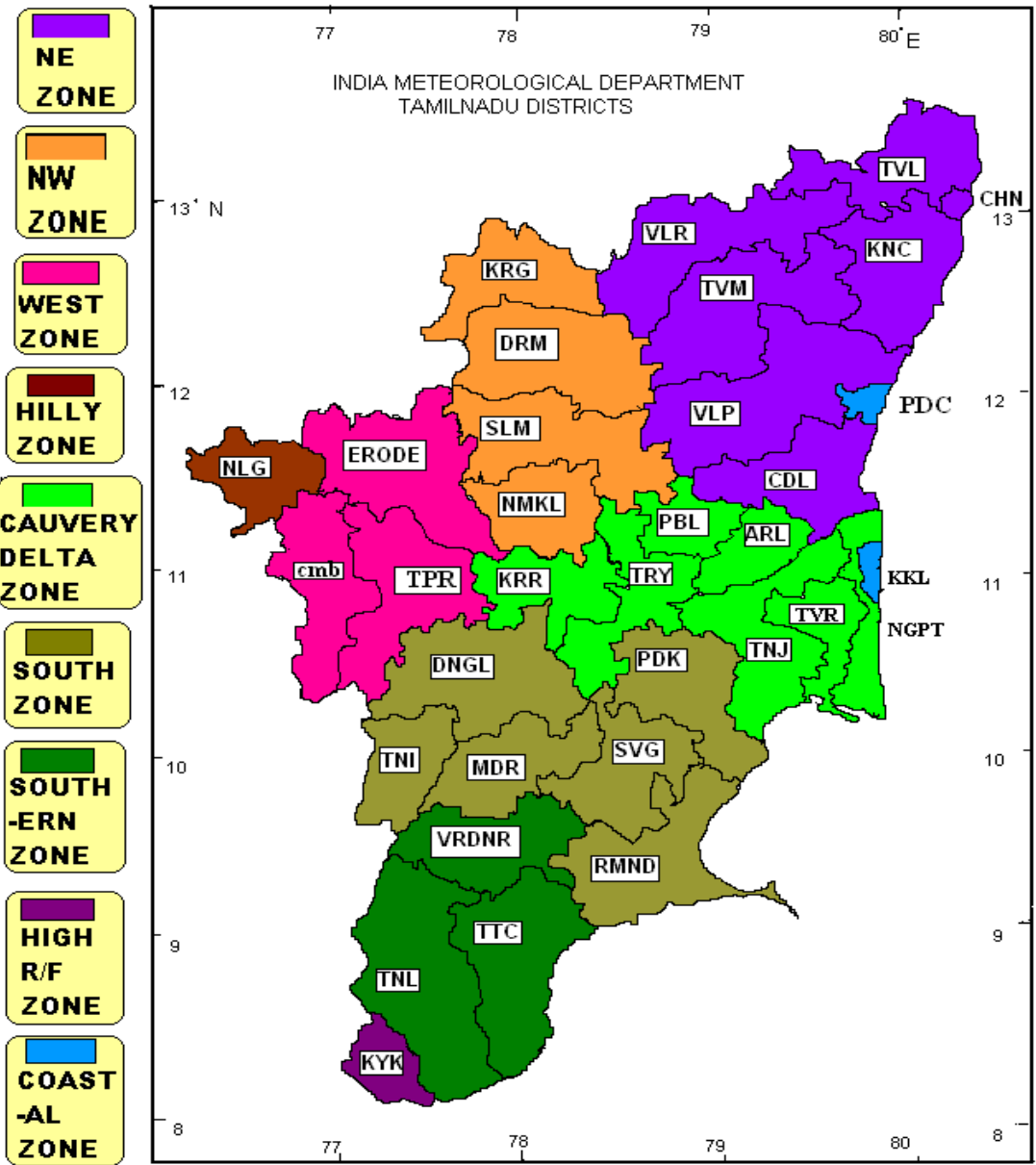
Issued on Tuesday, 09th April 2024

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 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 05.04.24 to 08.04.24 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **34°C – 42°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **23°C – 28°C** during the period.

Minimum temperature of range **23°C - 29°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **11°C - 14°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)	05.04.24 & 07.04.24	--
Dry	06.04.24 & 08.04.24	05.04.24 to 08.04.24

Chief Amounts of Rainfall (in cms):-

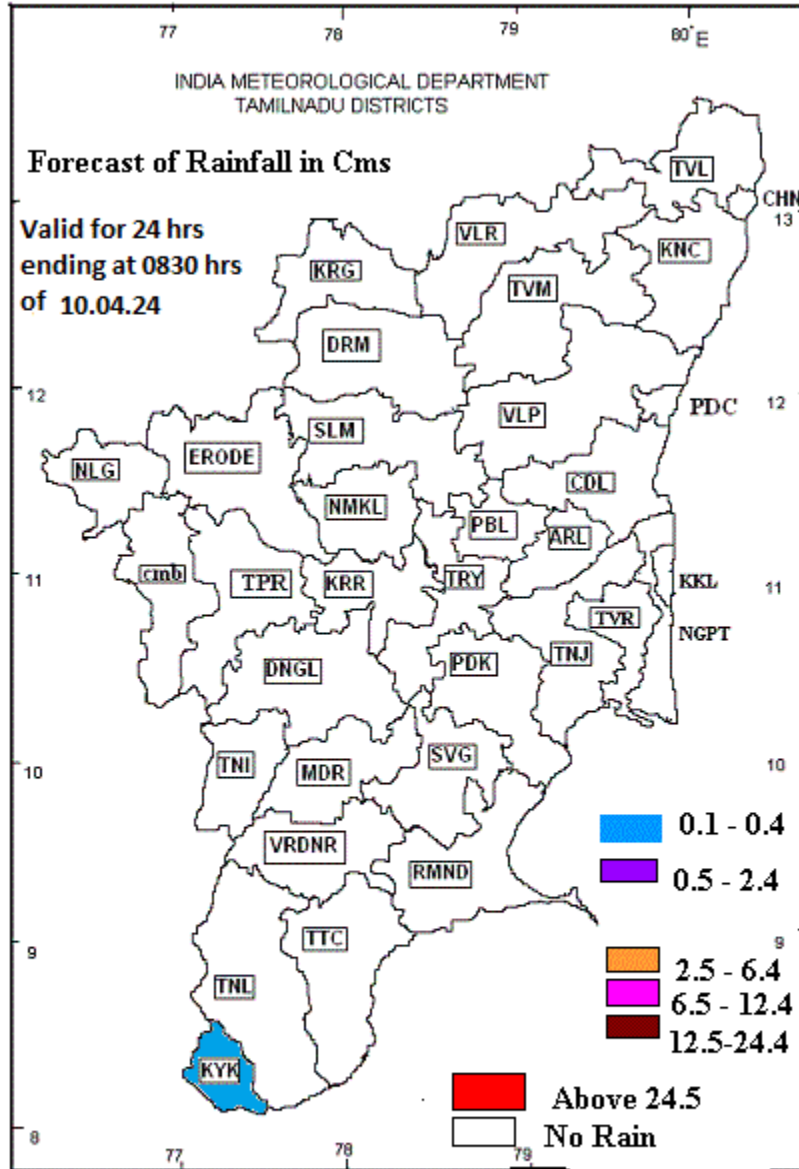
05.04.24 : Chittar-I (dist Kanniyakumari) 4, Sivalogam (Chittar-II), Thirparappu (dist Kanniyakumari) 3 each, Suralacode (dist Kanniyakumari), Pechiparai (dist Kanniyakumari) 2 each, Perunchani Dam (dist Kanniyakumari), Mambzhathuraiyaru (dist Kanniyakumari), Anaikedanku (dist Kanniyakumari), Sholayar (dist Coimbatore), Puthan Dam (dist Kanniyakumari), Thuckalay (dist Kanniyakumari) 1 each.

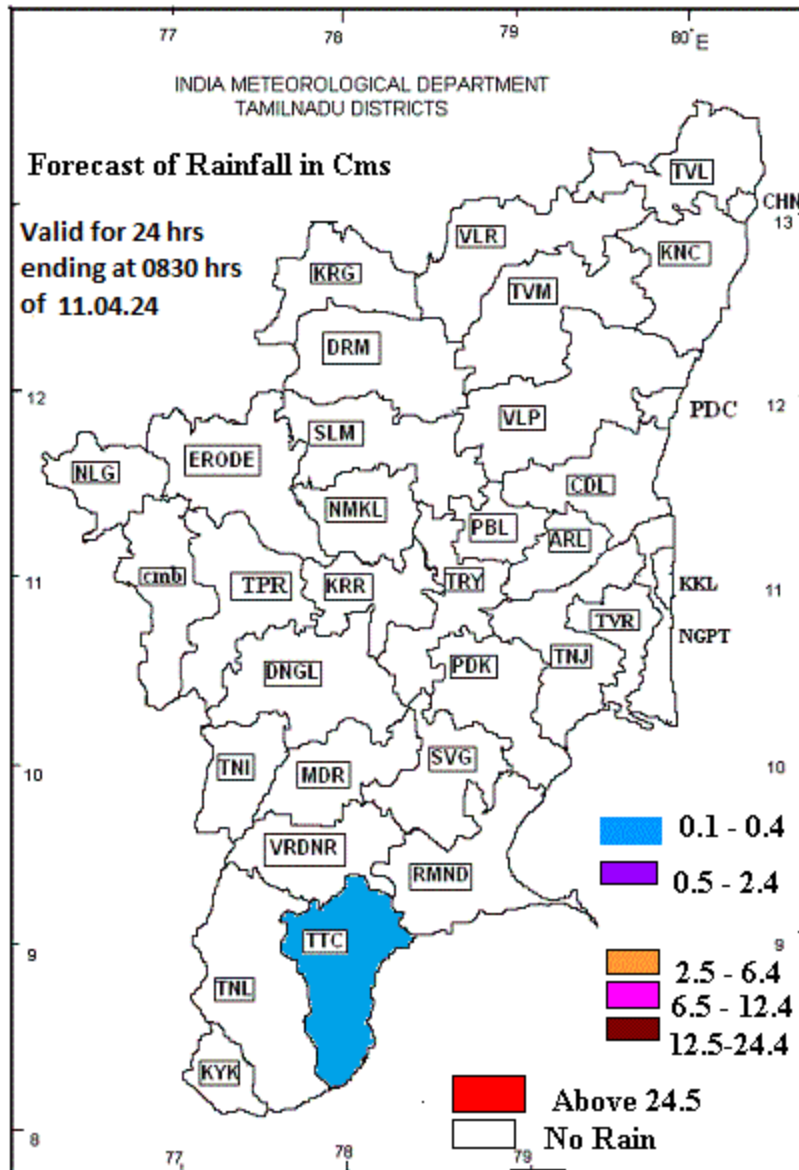
06.04.24 : Nil

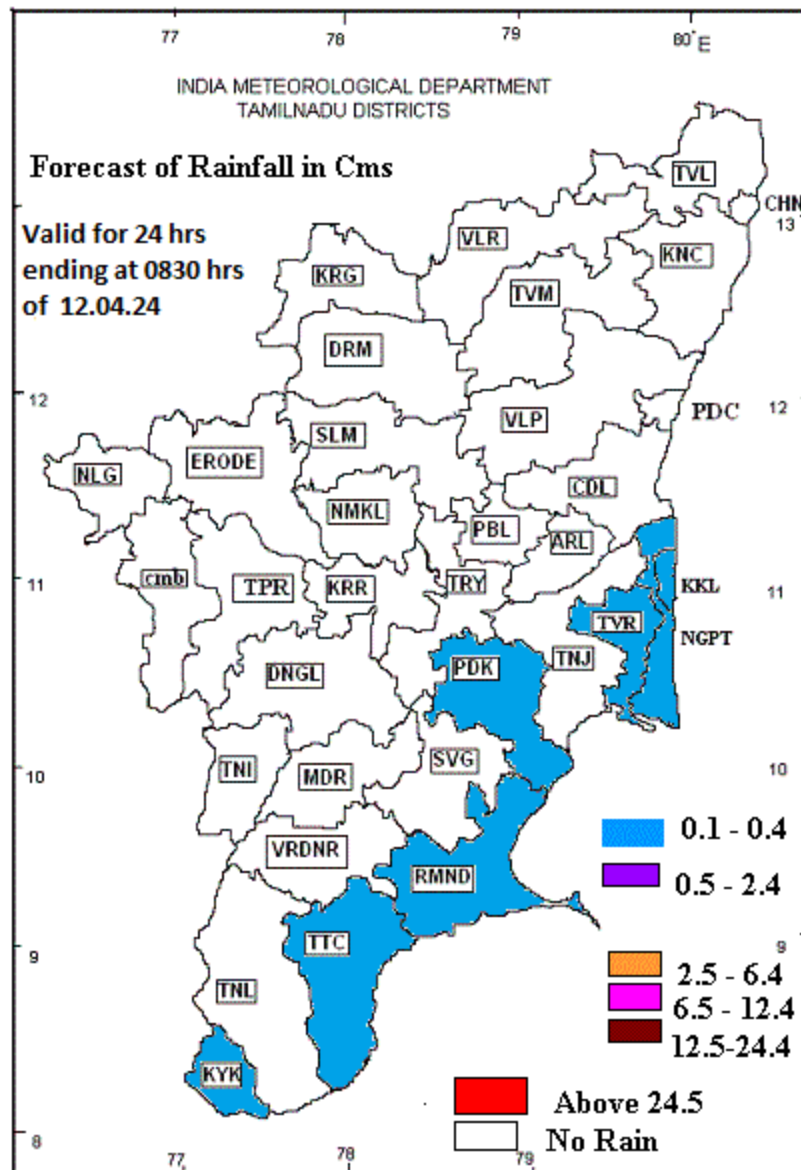
07.04.24 : Nil

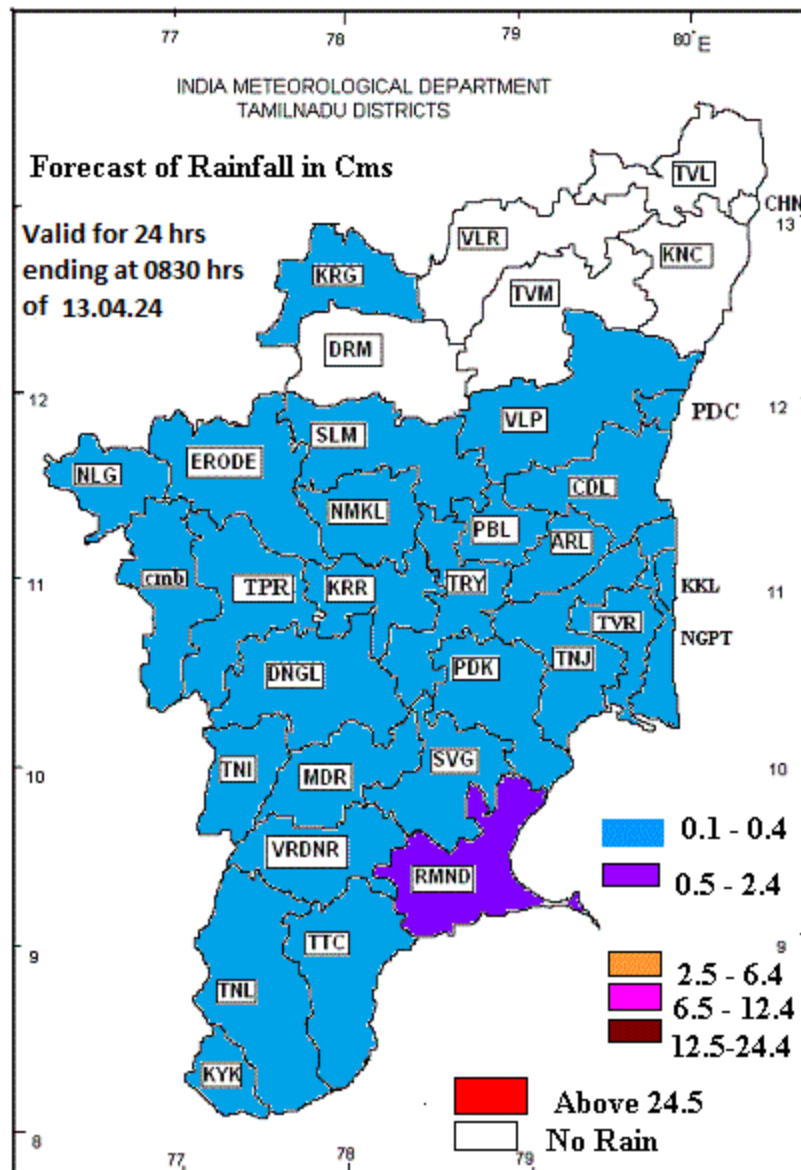
08.04.24 : Nil

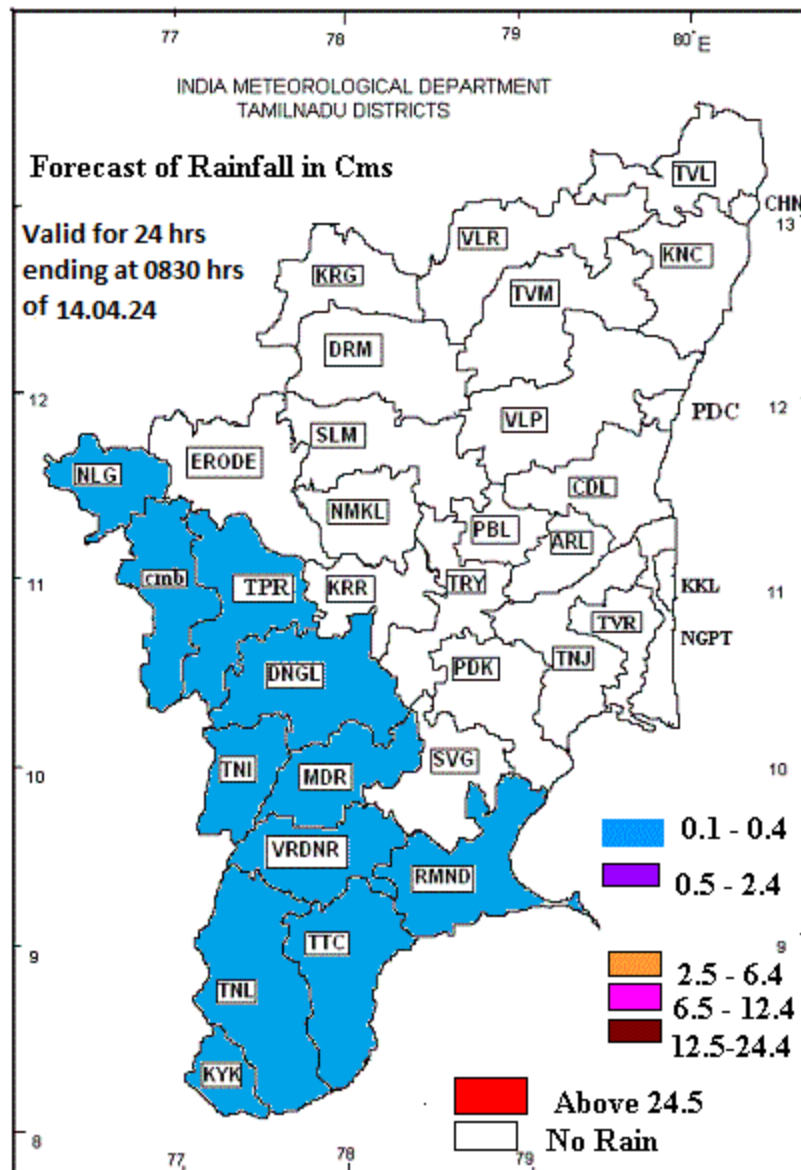
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 09.04.24
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

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

SMS Advisory:

(10.04.2024-14.04.2024) Maximum temperature is likely to be 2-3°C above normal at a few places over Tamilnadu.

Livestock Advisory:

- 1.Livestock must be given medicated bath to avoid ectoparasite infestation. Moreover dipping Must be done on a sunny day.
- 2.Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
- 3.The surplus fodder available must be preserved as silage for summer feeding.
- 4.Newly born piglets must be protected from cold drafts
- 5.The livestock must be provided in clean wholesome drinking water
- 6.To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
- 7.To prevent water stagnation proper drainage must be provided in livestock shelter.
- 8.The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
- 9.Add 5%shell grit in laying hens for optimum egg production.
- 10.Plantation of trees around the livestock shed not only enhances ventilation but also prevent heat stress particularly dairy cattle.

Agricultural advisory

Rice:

To control leaf folder, spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water. Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

Groundnut:

There are possibilities of early leaf spot infestation in groundnut. For management farmers are advised to spray Carbendazim 500 g/ha.

Banana:

To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 2.5 kg/ha. or drenching with Bacillus subtilis 5 ml/litre. To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3,5 and 7 months after planting of banana.

Coconut:

Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 m radius around the palms as mulch for soil moisture conservation particularly during summer season. Husk burial can be done in coconut basins or in the interspaces to overcome drought and button shedding. Bury husks @ 100 Nos. with concave surface facing upwards or 25 kg of coir pith /palm in circular trenches, dug 30 cm width and 60 cm depth at 1.5 meters radius.

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

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

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		<p>Dry days with clear sky is expected during next week with wind speed of 8-12 km/hr in western zone districts.</p> <p>The temperature may be increased 1-2oC from the normal. Interior districts may get maximum temperature of >39oC.</p> <p>Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture.</p> <p>In case of limited irrigation water, dust mulch (top layer to a depth of 2-3cm may be stirred well) to avoid moisture stress condition.</p> <p>Rising temperature may bring summer rain during afternoon hours with lightening and thunders. Plan for summer ploughing against the slope with soil inverting type ploughs.</p>
Cumbu		<p>Considering the dry weather, sowing of irrigated bajra is recommended followed by irrigation and life irrigation on 3rd day.</p>
Banana		<p>Considering the high maximum and minimum temperature and reduced evening relative humidity converged local wind may occur between 2 to 3 pm. Provide propping to the banana of more than five months old.</p>
Coconut		<p>Summer rains during next two months may be harvested in root zone of coconut by deepening the tree basin with inward slopes. Till then, ensure to provide 100 liters of water per tree per day to maintain the productivity.</p>
Animal Husbandry		<p>Increasing temperature and decreasing relative humidity may cause discomfort to the animals. Hence, provide clean water to both animals and poultry.</p> <p>Hang wet gunny bags around the animal shed to reduce the temperature. Do not allow animals for grazing during mid day.</p> <p>To avoid the heat stress to animals feed the animal during night or early morning or late evening hours.</p>

SMS advisory

Provide summer ploughing by utilizing the expected summer rainfall.

Erode

Agro Advisory

Crop	Stage	Advisory
General		<p>Dry days with clear sky is expected during next week with wind speed of 8-12 km/hr in western zone districts.</p> <p>The temperature may be increased 1-2oC from the normal. Interior districts may get maximum temperature of >39oC.</p> <p>Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture.</p> <p>In case of limited irrigation water, dust mulch (top layer to a depth of 2-3cm may be stirred well) to avoid moisture stress condition.</p> <p>Rising temperature may bring summer rain during afternoon hours with lightening and thunders. Plan for summer ploughing against the slope with soil inverting type ploughs.</p>
Cumbu		<p>Considering the dry weather, sowing of irrigated bajra is recommended followed by irrigation and life irrigation on 3rd day.</p>
Banana		<p>Considering the high maximum and minimum temperature and reduced evening relative humidity converged local wind may occur between 2 to 3 pm. Provide propping to the banana of more than five months old.</p>
Coconut		<p>Summer rains during next two months may be harvested in root zone of coconut by deepening the tree basin with inward slopes. Till then, ensure to provide 100 liters of water per tree per day to maintain the productivity.</p>
Animal Husbandry		<p>Increasing temperature and decreasing relative humidity may cause discomfort to the animals. Hence, provide clean water to both animals and poultry.</p> <p>Hang wet gunny bags around the animal shed to reduce the temperature. Do not allow animals for grazing during mid day.</p> <p>To avoid the heat stress to animals feed the animal during night or early morning or late evening hours.</p>

SMS advisory

Provide summer ploughing by utilizing the expected summer rainfall.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		<p>Dry days with clear sky is expected during next week with wind speed of 6-12 km/hr in western zone districts.</p> <p>The temperature may be increased 1-2oC from the normal. Interior districts may get maximum temperature of >39oC.</p> <p>Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture.</p> <p>In case of limited irrigation water, dust mulch (top layer to a depth of 2-3cm may be stirred well) to avoid moisture stress condition.</p>

		Rising temperature may bring summer rain during afternoon hours with lightening and thunders. Plan for summer ploughing against the slope with soil inverting type ploughs.
Coconut		Summer rains during next two months may be harvested in root zone of coconut by deepening the tree basin with inward slopes. Till then, ensure to provide 100 liters of water per tree per day to maintain the productivity.
Animal Husbandry		Increasing temperature and decreasing relative humidity may cause discomfort to the animals. Hence, provide clean water to both animals and poultry. Hang wet gunny bags around the animal shed to reduce the temperature. Do not allow animals for grazing during mid day. To avoid the heat stress to animals feed the animal during night or early morning or late evening hours.

SMS advisory

Provide summer ploughing by utilizing the expected summer rainfall.

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 aphids and jassids in bitter melon, foliar application of imidacloprid 70 WG 1.0g/10lit. is recommended.

Horticulture (Stage)	Horticulture Specific Advisory
POTATO (Vegetative)	To manage early blight in potato, foliar application of hexaconazole 2% SC@ 0.06% or mancozeb @ 2 g/l or chlorothalonil @ 2 g/l at 45, 60 and 75 days after planting is recommended
TEA (Vegetative)	To manage mites in tea crop, foliar application of Azadirachtin 1.0% EC (neem based) 2.0 ml/lit or propargite 57 % EC 2.0 ml/lit is recommended.
BEETROOT (Vegetative)	To manage leaf spot in Beetroot crop, foliar spray of mancozeb @ 2 g/l on 45, 60 and 75 days after planting is recommended.

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

Agro Advisory

Crop	Stage	Advisory
General		Farmers can utilize the mobile apps viz., (TNAU AAS, Meghdoot and DAMINI), for more updated weather information.
Black gram	Harvest	Harvest the matured blackgram and greengram plants. Using dry weather forecast for coming days, sundry the harvested pulses and store it at below 9.0 % moisture.

Cattle	Cow	Since maximum temperature is on rise, the livestock must be allowed for grazing in morning hours from 6 to 10 a.m. and evening from 4 to 6 p.m. to avoid heat stress and further sufficient drinking water must be provided to avoided heat related diseases.
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SMS advisory

Harvest the matured blackgram and greengram plants.

Dindigul

SMS Advisory Chances of very light rain on 13 & 14 Apr. Maximum temperature would be in the range of 40°C to 41°C and the minimum temperature would be between 26°C - 27°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 8-10 Kmph from, East & Southeast directions.

General Advisory:

During the summer season, both agricultural and vegetable crops grown for more than 30 to 45 days are prone to nutrient deficiency and pest attack.

To overcome this issue, mix 350ml of Panchakaviyam and 15ml of sticky agent in 10 litres of water and spray it twice at 15 days interval.

Livestock:

For livestock, the heat stress can be managed by spraying/ sprinkling water directly on the body of animals for a period of 1 to 5 minutes at an interval of 30-60 minutes. Cover the sides of the cow shed with wet gunny bags. Ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand for minerals. The potassium-rich mineral mixture should be preferred for your cattle.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next three days (10.04.2024 to 12.04.2024). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

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

Maize:

Dry weather is prevailing for a long period and the maximum temperature is increasing gradually.

Since the Maize crop is most sensitive to moisture stress at 45 to 65 days after sowing. To ensure the optimum moisture availability, provide irrigation to maize field avoid yield loss.

Jasmine:

To reduce the impact of excessive heat in soil and to conserve soil moisture in Jasmine gardens, it is recommended 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.

To control these pest movement, spray 5% Neem Seed Kernel Extract (NKSL).

Animal Husbandry:

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.

Madurai

SMS Advisory Chances of light rain on 13 Apr. Maximum temperature would be in the range of 40°C to 41°C and the minimum temperature would be between 26°C - 27°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 10 Kmph from, East & Southeast directions.

General Advisory:

During the summer season, both agricultural and vegetable crops grown for more than 30 to 45 days are prone to nutrient deficiency and pest attack.

To overcome this issue, mix 350ml of Panchakaviyam and 15ml of sticky agent in 10 litres of water and spray it twice at 15 days interval.

Livestock:

For livestock, the heat stress can be managed by spraying/ sprinkling water directly on the body of animals for a period of 1 to 5 minutes at an interval of 30-60 minutes. Cover the sides of the cow shed with wet gunny bags. Ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand for minerals. The potassium-rich mineral mixture should be preferred for your cattle.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next three days (10.04.2024 to 12.04.2024). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

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

Coconut:

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

During the initial stage of pest occurrence, to control the above pest farmers are advised to release the braconid parasitoids @ 2100 /ac.

Maize:

Since hot and dry weather is prevailing and expected for the coming weeks, it is essential to improve the 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.

Animal Husbandry:

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.

Pudukottai

SMS Advisory Chances of very light rain on 12 & 13 Apr. Maximum temperature would be in the range of 40°C to 41°C and the minimum temperature would be between 26°C - 27°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 12-16 Kmph from, East & Southeast directions.

General Advisory:

During the summer season, both agricultural and vegetable crops grown for more than 30 to 45 days are prone to nutrient deficiency and pest attack.

To overcome this issue, mix 350ml of Panchakaviyam and 15ml of sticky agent in 10 litres of water and spray it twice at 15 days interval.

Livestock:

For livestock, the heat stress can be managed by spraying/ sprinkling water directly on the body of animals for a period of 1 to 5 minutes at an interval of 30-60 minutes. Cover the sides of the cow shed with wet gunny bags. Ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand for minerals. The potassium-rich mineral mixture should be preferred for your cattle.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next three days (12.04.2024 to 12.04.2024). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

Wind with the speed of 12 to 16 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: (Blackgram, Coconut & Animal Husbandry).

Blackgram:

Due to the prevailing hot and dry weather condition, there is a chance for the infestation of the sucking pests including Hoppers, Thrips and White flies in the rice fallow Blackgram crop.

To control this, spray Azadiractin at 0.03% or Triazophos at 2 ½ ml/lit of water.

Coconut:

Hot and Dry weather will prevail for the coming days.

Farmers are advised to apply 10 kg of Vermicompost + 1 kg Neem cake around the coconut tree and apply irrigation twice in a week to avoid button shedding during drought condition.

Animal Husbandry:

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.

Ramanathapuram

SMS Advisory Chances of light rain on 13 Apr. Maximum temperature would be in the range of 35°C to 36°C and the minimum temperature would be between 27°C - 28°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 16-20 Kmph from, East & Southeast directions.

General Advisory:

During the summer season, both agricultural and vegetable crops grown for more than 30 to 45 days are prone to nutrient deficiency and pest attack.

To overcome this issue, mix 350ml of Panchakaviyam and 15ml of sticky agent in 10 litres of water and spray it twice at 15 days interval.

Livestock:

For livestock, the heat stress can be managed by spraying/ sprinkling water directly on the body of animals for a period of 1 to 5 minutes at an interval of 30-60 minutes. Cover the sides of the cow shed with wet gunny bags. Ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand for minerals. The potassium-rich mineral mixture should be preferred for your cattle.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next three days (10.04.2024 to 12.04.2024). Hence farmers are advised to plan their field activities

during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

Wind with the speed of 16 to 20 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: (Cotton, Coconut & Animal Husbandry).

Cotton:

At this stage, the problem of flower and tender pod or square shedding is noticed in the cotton crop.

To avoid this, farmers are advised to go with a foliar spray of TNAU Cotton Plus @ 2½ kg/acre in 200 litres of water during the flowering and at the boll formation stages.

It reduces the flower and square shedding, improves boll bursting, increases seed cotton yield, and imparts the drought tolerance capacity of the crop.

Chilly:

To control the flower, fruit falling and to increase fruit set in chilly crop,

Spray NAA 10 ppm (10 mg/l of water) on 60 and 100 days after planting.

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

Animal Husbandry:

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.

Sivagangai

SMS Advisory Chances of light rain on 13 Apr. Maximum temperature would be in the range of 40°C to 41°C and the minimum temperature would be between 26°C - 27°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 12-16 Kmph from, East & Southeast directions.

General Advisory:

During the summer season, both agricultural and vegetable crops grown for more than 30 to 45 days are prone to nutrient deficiency and pest attack.

To overcome this issue, mix 350ml of Panchakaviyam and 15ml of sticky agent in 10 litres of water and spray it twice at 15 days interval.

Livestock:

For livestock, the heat stress can be managed by spraying/ sprinkling water directly on the body of animals for a period of 1 to 5 minutes at an interval of 30-60 minutes. Cover the sides of the cow shed with wet gunny bags. Ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand for minerals. The potassium-rich mineral mixture should be preferred for your cattle.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next three days (10.04.2024 to 12.04.2024). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

Wind with the speed of 12 to 16 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: (Important Crops: Mango, Banana & Animal Husbandry)

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.

Banana:

Prevailing weather is conducive for Sigatoka leaf spot in banana, hence do not irrigate, dry the field.

Remove the affected leaves & burn it.

Spray Propiconazole @ 2g/lit.

Animal Husbandry:

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.

Theni

SMS Advisory Chances of very light rain on 13 & 14 Apr. Maximum temperature would be in the range of 36°C to 37°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 6-8 Kmph from, East direction.

General Advisory:

During the summer season, both agricultural and vegetable crops grown for more than 30 to 45 days are prone to nutrient deficiency and pest attack.

To overcome this issue, mix 350ml of Panchakaviyam and 15ml of sticky agent in 10 litres of water and spray it twice at 15 days interval.

Livestock:

For livestock, the heat stress can be managed by spraying/ sprinkling water directly on the body of animals for a period of 1 to 5 minutes at an interval of 30-60 minutes. Cover the sides of the cow shed with wet gunny bags. Ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand for minerals. The potassium-rich mineral mixture should be preferred for your cattle.

Agriculture:

Due to hot and humid conditions, discomfort weather is likely at isolated pockets over the district during next three days (10.04.2024 to 12.04.2024). Hence farmers are advised to plan their field activities during morning and evening hours and avoid working in the field during 12 noon to 4 Pm. Stay safe and take care. Drink adequate water.

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

Drumstick:

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

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

Groundnut:

In areas where water is scarce at the time of flowering, spraying 0.5 per cent potassium chloride on the groundnut crop during flowering and fruit formation will reduce water retention.

Animal Husbandry:

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.

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Banana	Planting stage	Nemetode Management: Trim the roots and decayed portion of the corm and paring and pralinage with 40g carbofuran 3G granules per sucker to control the nematode infestation.
2.	Pepper	All stages.	Basins of all the established pepper vines may be applied with VAM and vermicompost and then mulched with dried leaves and irrigated copiously immediately (twice – one March and again in April) to increase the yield of pepper.
3.	Horticultural crops.	All stages	Basins can be formed and coir compost should be applied to conserve moisture in banana, pepper, clove, nutmeg, cinnamon and coconut.
4.	Coconut	All stages	For nut bearing coconut root feeding of TNAU coconut tonic @ 200 ml per tree.
5.	Pepper	All stages.	After receipt of showers all the vines are to be drenched with 0.2% copper oxy chloride @ 5 to 10 litres per vine.

SMS Advisory

As rainy weather is expected in the coming days strengthening the basins for coconut, nutmeg, pepper and cinnamon trees may be taken up for better harvesting of rains.

Salem

Weather Advisory Bulletin for livestock, poultry and agro advisory

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	Allow the livestock especially milch, pregnant animals, adult sheep and goat for grazing during cooler parts of the day (6.30 am to 10 am and 4.30 pm to 6.30 pm). During hot hours of the day, it is better to keep the animals in sheds or shadowed areas in order to prevent the stress developed by high temperature. Wash the dairy animals twice or thrice a day with cool water.
Poultry	General	Ensure the availability of cool drinking water to the birds in the drinkers throughout the day during summer months. Add soya oil in the feed to increase the energy content and to reduce the heat stress. Add sufficient quantity of electrolytes and vitamins in the feed to reduce the heat stress and maintain production. Provide mid night lighting to birds between 12 to 1 am to increase the feed intake. Farmers are advised to use foggers during extreme hot weather conditions to prevent heat stroke in birds.
Agro advisory from Krishi Vigyan Kendra		
Coconut	General	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.
Vegetable crops	Vegetative stage	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.
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.
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..
Tapioca	Vegetative stage	In the forth coming days the temperature will be expected to raise, so the tapioca farmers are advised to spray pink pigmented methylo trophs @ 200 ml/ acre to withstand drought as well as high temperature.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	Allow the livestock especially milch, pregnant animals, adult sheep and goat for grazing during cooler parts of the day (6.30 am to 10 am and 4.30 pm to 6.30 pm). During hot hours of the day, it is better to keep the animals in sheds or shadowed areas in order to prevent the stress developed by high temperature. Wash the dairy animals twice or thrice a day with cool water.
Poultry	General	Ensure the availability of cool drinking water to the birds in the drinkers throughout the day during summer months. Add soya oil in the feed to increase the energy content and to reduce the heat stress. Add sufficient quantity of electrolytes and vitamins in the feed to reduce the heat stress and maintain production. Provide mid night lighting to birds between 12 to 1 am to increase the feed intake. Farmers are advised to use foggers during extreme hot weather conditions to prevent heat stroke in birds.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Coconut	General	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.
Vegetable crops	Vegetative stage	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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Tapioca	Vegetative stage	In the forth coming days the temperature will be expected to raise, so the tapioca farmers are advised to spray pink pigmented methylotrophs @ 200 ml/ acre to withstand drought as well as high temperature.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	Allow the livestock especially milch, pregnant animals, adult sheep and goat for grazing during cooler parts of the day (6.30 am to 10 am and 4.30 pm to 6.30 pm). During hot hours of the day, it is better to keep the animals in sheds or shadowed areas in order to prevent the stress developed by high temperature. Wash the dairy animals twice or thrice a day with cool water.
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Agro advisory from Krishi Vigyan Kendra		
Coconut	General	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.
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Tapioca	Vegetative stage	In the forth coming days the temperature will be expected to raise, so the tapioca farmers are advised to spray pink pigmented methylotrophs @ 200 ml/ acre to withstand drought as well as high temperature.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	Allow the livestock especially milch, pregnant animals, adult sheep and goat for grazing during cooler parts of the day (6.30 am to 10 am and 4.30 pm to 6.30 pm). During hot hours of the day, it is better to keep the animals in sheds or shadowed areas in order to prevent the stress developed by high temperature. Wash the dairy animals twice or thrice a day with cool water.
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Tapioca	Vegetative stage	In the forth coming days the temperature will be expected to raise, so the tapioca farmers are advised to spray pink pigmented methylotrophs @ 200 ml/ acre to withstand drought as well as high temperature.

Karaikal

Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Blackgram/ Greengram	Flowering and pod development	To manage powdery mildew in blackgram spray Propiconazole @ 1 ml/l or Carbendazim @ 1 ml/l.
	Leaf Crinkle	To manage leaf crinkle disease in green gram, control the white fly (vector of leaf crinkle) by spraying thiamethoxam 25 WG @ 0.2 g/l.

Cotton	Vegetative growth	To manage weeds in cotton, apply post emergence herbicide pyriithobac sodium @ 62.5g a.i./ha + quizalofop ethyl @ 50 g a.i./ha at 20-25 DAS.
Brinjal	Phomopsis blight	To manage Phomopsis blight in brinjal, spray Pseudomonas fluorescens or Bacillus subtilis @ 5g or 5ml/ l.
Cattle	Babesiasis	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: Light drizzle may occur on 12th and 13th April.

Puducherry

Agro Advisory

Crop	Stage/ Particulars	Agro Advisory
Blackgram / Greengram		To manage yellow mosaic virus disease in black gram and green gram, spray Methyldematon 25%EC 1ml/l or Dimethoate 30%EC 1ml/l to manage vectors like whitefly and aphids.
		To manage powdery mildew in blackgram spray Propiconazole @ 1 ml/l or Carbendazim @ 1 ml/l.
Groundnut -Pegging		In groundnut crop apply gypsum 200kg + borax 10 kg and earthing up on 45 DAS for improving flowering and pod formation.
Brinjal - Phomopsis blight		To manage Phomopsis blight in brinjal, spray Pseudomonas fluorescens or Bacillus subtilis @ 5g or 5ml/ l.
Babesiasis		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.
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.

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