

तमिलनाडु के लिए जिला स्तरीय कृषि मौसम सलाहकार बुलेटिन



DISTRICT LEVEL

**Agro meteorological Advisory Bulletin for the state of
Tamil Nadu Bulletin No. 013/2024**

For the period 0830 IST, 13th February 2024 to
0830 IST, 18th February 2024

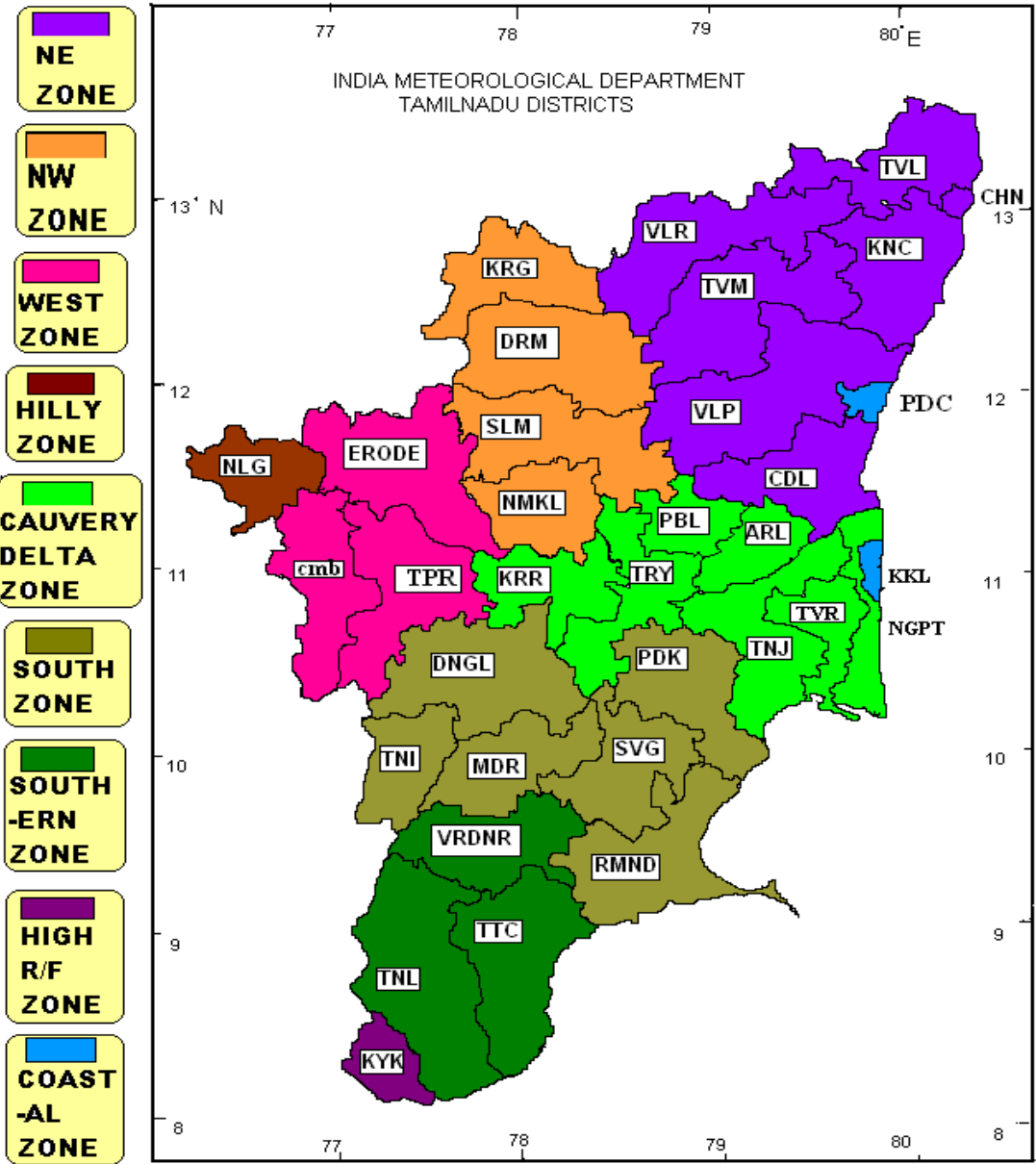
Issued on Tuesday, 13th February 2024

Issued by

DDGM, Regional Meteorological Centre, India Meteorological Department,
Chennai in collaboration with TNAU and nine AMFU's of Agro climatic Zones of
the Tamil Nadu state

Agro climatic zones of the state

Sl. No	Agro climatic zone	Districts	Agro met field Unit (AMFU) location
1	Northeastern zone	Kanchipuram, Tiruvallur, Cuddalore Tiruvannamalai, Chennai, Villupuram , Vellore	Chennai
2	Northwestern zone	Dharmapuri, Krishnagiri, Salem and Namakkal	Namakkal
3	Western Zone	Erode, Tiruppur and Coimbatore,	Coimbatore,
4	Cauvery Delta zone	Thanjavur, Nagapattinam, Tiruvarur, Karur, Perambalur, Ariyalur and Tiruchirapalli.	Adudurai
5	Southern zone	Virudhunagar, Tirunelveli and Thoothugudi	Kovilpatti
6	South Zone	Pudukkottai, Madurai, Dindigul, Theni, Ramanathapuram and Sivagangai	Kannivadi
7	High rainfall zone	Kanyakumari	Pechiparai
8	Hilly zone	Nilgiris	Ooty
9	Coastal Zone	Karaikal and Pondicherry	Karaikal



Past Weather Summary for the period 09.02.24 to 12.02.24 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 30°C – 37°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 18°C – 26°C during the period.

Minimum temperature of range 17°C - 27°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)	11.02.2024	--
Dry	09.02.2024 , 10.02.2024 & 12.02.2024	09.02.2024 to 12.02.2024

Chief Amounts of Rainfall (in cms):-

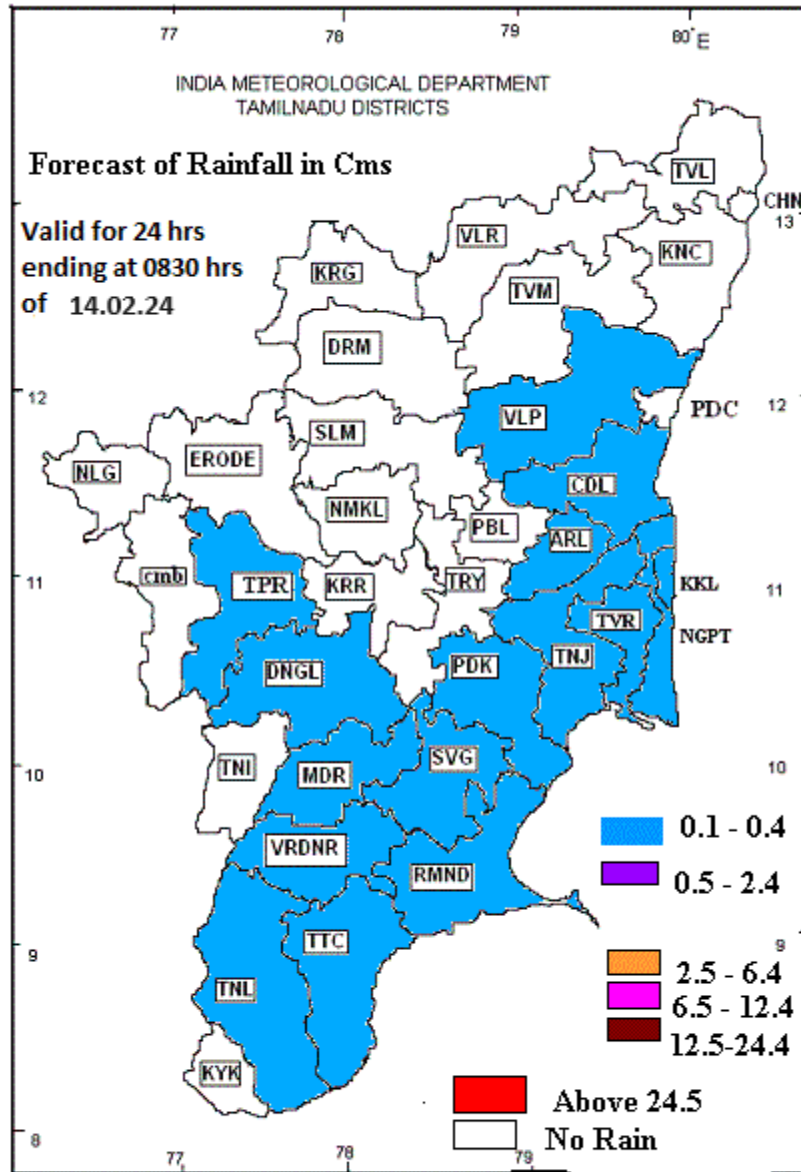
09.02.24 : Nil

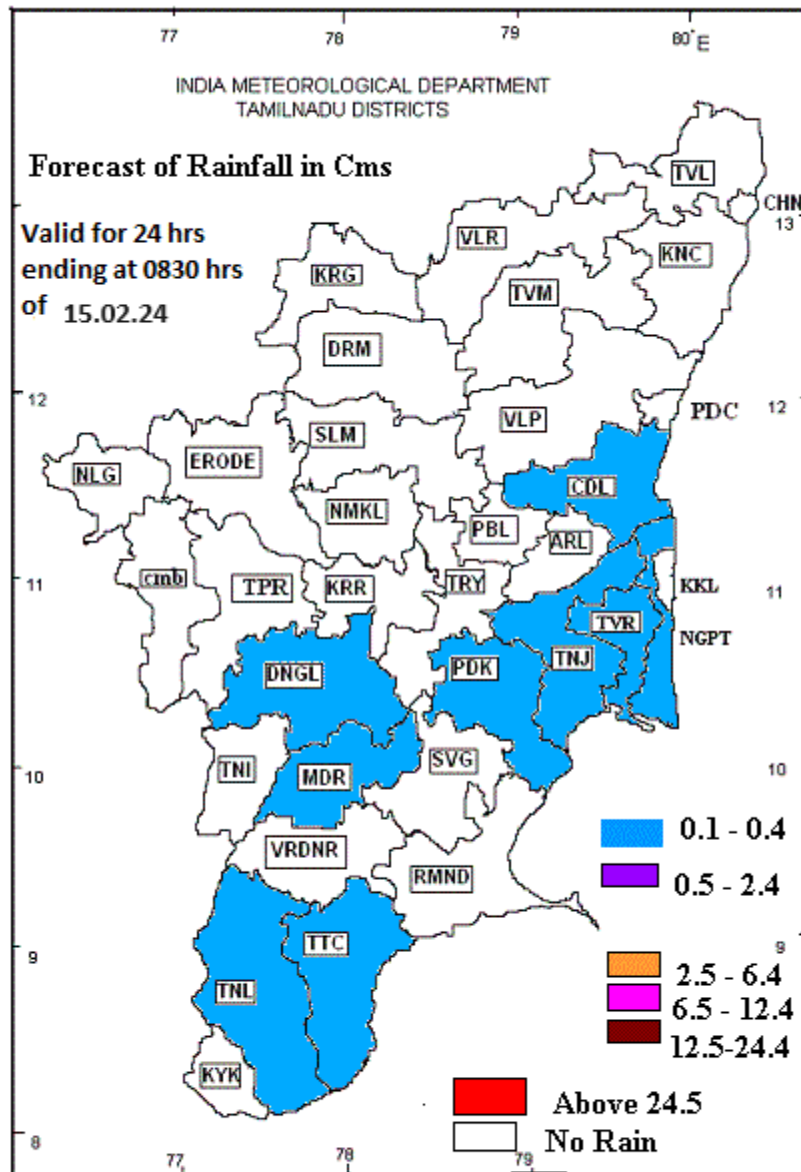
10.02.24 : Nil

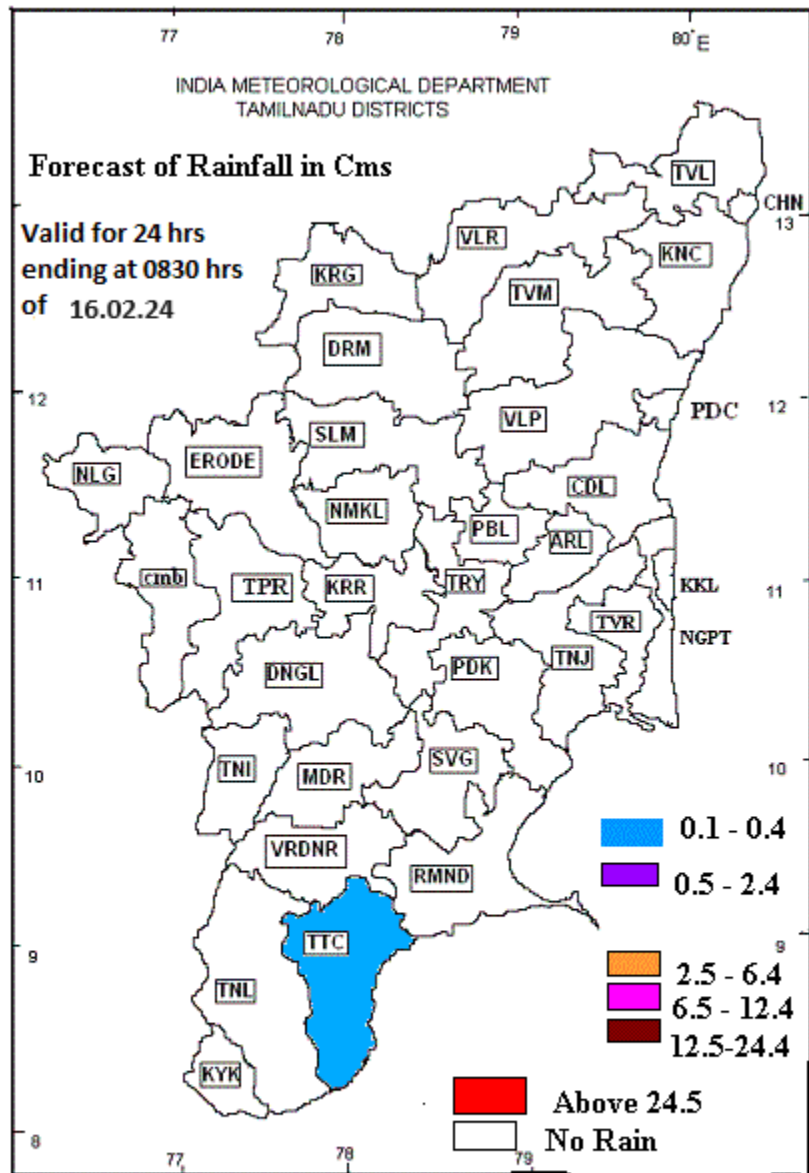
11.02.24 : Nil

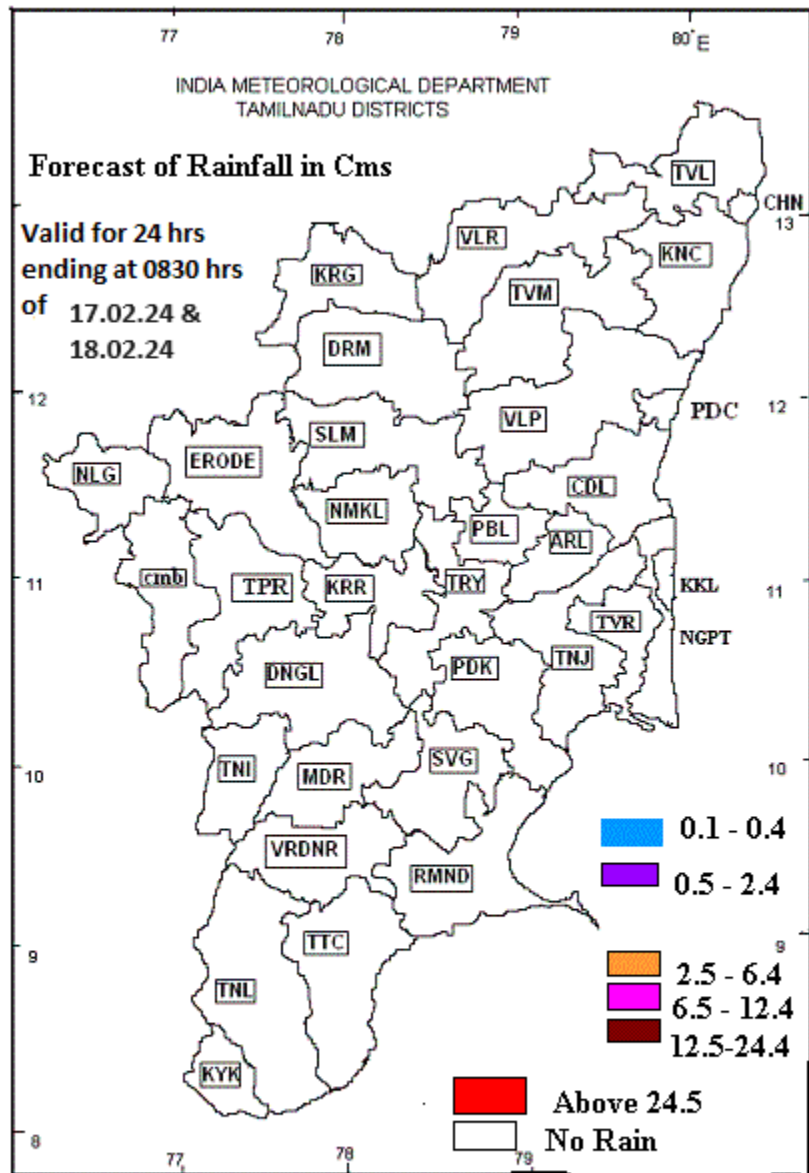
12.02.24 : Nil

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 13.02.24
VALID FOR THE NEXT 5 DAYS**









District-wise Agromet Advisories

Chennai

SMS Advisory:

(14.02.2024-18.02.2024) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory

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

Kancheepuram

SMS Advisory:

(14.02.2024-18.02.2024) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory

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

Agricultural advisory

Groundnut:

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

Blackgram:

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

Chilli:

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

Coconut:

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

Villupuram

SMS Advisory:

(14.02.2024-18.02.2024) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory

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

Agricultural advisory

Rice:

Due to prevailing weather condition chances brown plant leafhopper infestation in paddy crops. 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 pymetrozine 50% WG @ 120 g/ac with sticking agent.

Groundnut:

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

Coconut:

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

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

Tiruvannamalai

SMS Advisory:

(14.02.2024-18.02.2024) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory

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

Agricultural advisory

Rice:

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.

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).

Blackgram:

To decrease flower shedding, to increase yield upto 20% and to increase drought tolerance spray TNAU pulse wonder @ 2 kg / acre at peak flowering stage in 200 litres of water.

Banana:

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

Brinjal:

To control sucking pests in brinjal crop, spray imidachloprid 0.3ml/litre of water.

Tiruvallur

From extended range forecast Below normal rainfall, Normal maximum temperature and minimum temperature expected for the period of 18.02.2024 to 24.02.2024 over Tamil Nadu.

Farmers are advised to irrigate the crop based on the soil moisture.

Crop (Stage)	Crop Specific Advisory
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RICE	Due to prevailing weather conditions may be expected for the following pest and disease in paddy fields in order to control- 1). Thrips- Spray Thiamethoxam 25% WG 4g/20 cent in 40 litre of water; 2).Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 3). Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water; 4. Brown spot- Spray propineb 70% WP @ 400 –600 gm/acre or propineb 54.2% + tricyclazole15 % WP @ 500 gm/acre.
BLACK GRAM	Due to prevailing weather conditions may be expected for the following pest and disease in black gram fields in order to control- 1. Yellow mosaic virus (YMV)- Installation of yellow sticky traps 5 to 6 / acre and rogue out virus injected plants and destroy and Foliar spray of 10% notchi leaf extract at 30 DAS or neem formulation @ 3 ml/l; 2.Tobacco caterpillar- Spray Chlorantraniliprole 18.5% SC 60 ml (or) Spray Flubendiamide 40 ml per acre in 200 litres of water; 3.Leaf webber- Spray Thiodicarb 75 WP 250ml per acre in 200 litres of water; (or) Spray Flubendiamide 39.35% SC 60 ml per acre in 200 litres of water.
GROUNDNUT	Due to prevailing weather conditions may be expected for Early leaf spot disease in groundnut fields in order to control spray carbendazim @ 200g (or) Spray chlorothalonil @ 400g per acre in 200 liters of water; 2.Leaf Miner- Spray Methyl demeton 25 EC 400 ml per acre in 200 litres of water; Set up light trap between 8 and 11 pm at ground level.
Horticulture (Stage)	Horticulture Specific Advisory
CHILLI	Due to prevailing weather conditions may be expected for the following pest and disease in chilli fields in order to control- 1. Thrips- Spray imidacloprid 17.8% SL 3 ml/ 10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/ 1 liter of water; 2. Die back and Fruit rot- Spray copper oxychloride @ 2.5 g/l thrice at 15 days interval starting from noticing the die-back symptoms.
BRINJAL	Due to prevailing weather conditions may be expected for the following pest and disease in brinjal fields in order to control- 1.Little Leaf - Remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector; 2. Fruit borer- Spray Neem Seed Kernel Extract 5 % (or) Spray Dimethoate 30 % EC 7.0 ml/10 l.
MANGO	Mango- Leaf Hopper- Spray Thiamethoxam 25WG 1.0 g/10 l (or) Spray Buprofezin 25SC 1.0 ml/l. and Neem oil @ 5 ml/l of water can be mixed with any insecticides for the control of hopper. Spray any of the following insecticides first at the time of inflorescence emergence and the second two weeks after first spray.

Vellore

As per the IMD extended range forecast (ERF), below normal rainfall and normal temperature is likely over Tamil Nadu and Puducherry during 18th to 24th February , 2024. Prevailing weather condition is favorable for pest and disease incidence. So, Farmers are advised to monitoring the fields regularly and take precaution measures. For vegetables at flowering stages, spray 1.5% PPFM (Pink Pink-Pigmented Facultative Methylootrophs) foliar spray.

Dry weather may be expected on forthcoming days. So, farmers are advised irrigate the field based on soil moisture.

Crop (Stage)	Crop Specific 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.
BLACK GRAM	To decreases flower shedding, to increase yield upto 20% and to increase drought tolerance spray TNAU pulse wonder @ 2 kg / acre at peak flowering stage in 200 litres of water.
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
Crop (Stage)	Crop Specific Advisory
	each spray) at 35 DAS (50 % flowering) and 45 DAS (pod development stage).
Horticulture (Stage)	Horticulture Specific Advisory
BANANA	To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 1 kg/acre. or drenching with Bacillus subtilis 5 ml/litre.
BRINJAL	To control sucking pests in brinjal crop, spray imidachloprid 0.3ml/litre of water.
Live Stock	Live Stock Specific Advisory
COW	Livestock must be give medicated bath to avoid ectoparasite infestation.
GOAT	Protect the young kids and lams in a warm room at night hours.
Poultry	Poultry Specific Advisory
HEN	Respiratory distress and cold may due to chillness. So give ENROCIN BH 1ml per litre of drinking water for four days.

Cuddalore

Weather advisory

Dry weather will be expected in the forthcoming days. Morning time humidity 90%, in daytime 30-40% will expected. Maximum temperature will be 31.0-32.0°C and Minimum temperature will be 23.0°C. High wind speed of 12-14 kmph expected.

General advisory :

From extended range forecast below normal rainfall, maximum temperature and normal minimum temperature expected for the period of 18.02.2024 to 24.02.2024 over Tamil Nadu.

SMS advisory :

Dry weather will be expected in the forthcoming days, so farmers advised to irrigate crops based on the soil moisture.

Crop advisory

Rice :

Due to prevailing weather condition chances brown plant leafhopper infestation in paddy crops. 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 pymetrozine 50% WG @ 120 g/ac with sticking agent.

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.

Cow :

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.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Dry days with clear sky is expected during next week with wind speed of 8-14 km/hr in western zone districts. Maximum temperature is slightly increasing. Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture. After the harvest of crops disc/tiller may be used to plough the land immediately so as to control weeds and also to make the soil friable to conserve summer monsoon rain. Avoid burning of harvested crop residues and incorporation of crop residues in the field will facilitate faster decomposition of residues.
Rice	Post harvest	Considering the clear sky and increasing maximum temperature, the harvested samba paddy may be open dried during 9 - 11 am and 3 – 5pm.
Sesamum	Sowing	To control the weed germination after sowing for summer irrigated sesame, stale bed preparation may be done followed by sowing. Soil application of Trichoderma Viride @ 2.5 kg/ha + 250kg of FYM to control root rot disease.
Sugarcane	Planting	Under prevailing weather conditions planning may done to plant sugarcane as earliest possible, in order to harvest higher productivity
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.

SMS advisory

Considering the clear sky and increasing maximum temperature, the harvested samba paddy may be sun dried during 9 - 11 am and 3 – 5pm.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Dry days with clear sky is expected during next week with wind speed of 8-14 km/hr in western zone districts. Maximum temperature is slightly increasing. Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture.

		After the harvest of crops disc/tiller may be used to plough the land immediately so as to control weeds and also to make the soil friable to conserve summer monsoon rain. Avoid burning of harvested crop residues and incorporation of crop residues in the field will facilitate faster decomposition of residues.
Rice	Post harvest	Considering the clear sky and increasing maximum temperature, the harvested samba paddy may be open dried during 9 - 11 am and 3 – 5pm.
Sesamum	Sowing	To control the weed germination after sowing for summer irrigated sesame, stale bed preparation may be done followed by sowing. Soil application of Trichoderma Viride @ 2.5 kg/ha + 250kg of FYM to control root rot disease.
Sugarcane	Planting	Under prevailing weather conditions planning may done to plant sugarcane as earliest possible, in order to harvest higher productivity
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.

SMS advisory

Considering the clear sky and increasing maximum temperature, the harvested samba paddy may be sun dried during 9 - 11 am and 3 – 5pm.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Dry days with clear sky is expected during next week with wind speed of 8-14 km/hr in western zone districts. Maximum temperature is slightly increasing. Irrigation may be done based on soil moisture and apply crop residue mulches to all irrigated crops to maintain sufficient soil moisture. After the harvest of crops disc/tiller may be used to plough the land immediately so as to control weeds and also to make the soil friable to conserve summer monsoon rain. Avoid burning of harvested crop residues and incorporation of crop residues in the field will facilitate faster decomposition of residues.
Rice	Post harvest	Considering the clear sky and increasing maximum temperature, the harvested samba paddy may be open dried during 9 - 11 am and 3 – 5pm.
Sugarcane	Planting	Under prevailing weather conditions planning may done to plant sugarcane as earliest possible, in order to harvest higher productivity
Animal Husbandry		Since the day temperature found increasing, provide enough clean water to both animals and poultry.

SMS advisory

Considering the clear sky and increasing maximum temperature, the harvested samba paddy may be sun dried during 9 - 11 am and 3 – 5pm.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

Agro Advisories

with carbendazim (2g/1kg) treatment to avoid disease incidence

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

SMS advisory

Considering ideal weather condition, black gram seeds can be sown.

Dindigul

SMS Advisory	Chances of very light rain on 14 & 15 Feb. Maximum temperature would be in the range of 33°C to 34°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 8-10 Kmph from, Northeast & East directions.
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General Advisory:

Since very light rain is likely to occur at one or two places over the district on 14 & 15 Feb and dry weather is very likely to prevail over the district during 16th to 18th February, hence based on the soil moisture condition of the field, farmers can provide irrigation to their crops. Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Wind with the speed of 8 to 10 kmphs expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Extended range Forecast for next week (16th Feb to 22nd February 2024):

Rainfall:

As per extended range predictions, below normal to near normal is likely over one or two places of the district from 16th Feb to 22nd February 2024.

Maximum Temperature:

Maximum temperatures are likely to be normal to slightly above normal and are likely to be in the range of 30°C to 34°C, over the district from 16th Feb to 22nd February 2024.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 18°C to 22°C over the district from 16th Feb to 22nd February 2024.

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

Tomato:

The occurrence of root-knot nematodes and reniform nematodes was noticed in vegetable crops. The nematode-infested field shows day wilting symptoms and also galls in the root.

Farmers are advised to apply neem cake @ 400kg/ha and intercrop with marigold and also apply Purpureocillium lilacinum @ 2½ kg/ha mixed with 100 kg of FYM.

Onion:

Farmers involved in the sowing of small onions are advised to apply Zinc sulphate @ 10 kg, Copper sulphate @ 1Kg & Manganese sulphate @ 10kg along with farmyard manure @ 210 kg/acre as basal dose.

Animal Husbandry:

Due to the prevailing weather conditions, there is a chance of infection of Anthrax in cattle. The symptoms are fever, severe diarrhoea and dysentery, respiration becomes rapid and shortly before death, the mucous membranes appear cyanotic.

The nasal discharge appears with blood stains or purulent.

Immediately contact the local veterinarian and vaccinate your animals once in a year.

Madurai

SMS Advisory	Chances of very light rain on 14 & 15 Feb. Maximum temperature would be in the range of 33°C to 34°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 12-14 Kmph from, Northeast direction.
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General Advisory:

Since very light rain is likely to occur at one or two places over the district on 14 & 15 Feb and dry weather is very likely to prevail over the district during 16th to 18th February, hence based on the soil moisture condition of the field, farmers can provide irrigation to their crops. Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Wind with the speed of 12 to 14 kmphs expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Extended range Forecast for next week (16th Feb to 22nd February 2024):

Rainfall:

As per extended range predictions, below normal to near normal is likely over one or two places of the district from 16th Feb to 22nd February 2024.

Maximum Temperature:

Maximum temperatures are likely to be normal to slightly above normal and are likely to be in the range of 30°C to 34°C, over the district from 16th Feb to 22nd February 2024.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 18°C to 22°C over the district from 16th Feb to 22nd February 2024.

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

Paddy:

The incidence of Whorl maggot is expected in paddy. The symptoms show yellowish-white longitudinal marginal blotching with a hole.

Leaves shrivelled plant, stunted and drooping of young leaves near the tip.

Remove the alternate hosts from the field, and apply the optimum recommendation of potash fertilizer.

To control spray Buprofezin @ 350 ml/acre.

Mullai flower:

The incidence of Red spider mites is expected in Mullai flower crop (Jasmine). The symptoms of damage appear on the leaves.

The under-surface of leaves is covered with silken webs and the mites feed the leaves. Yellow spots appear on the upper surface and turn reddish. Finally, the affected leaves wilt downwards. Flower production is adversely affected.

To control, spray 40gm wettable sulphur with 10 ml sticking agent per 10 litres of water.

Animal Husbandry:

Due to the prevailing weather conditions, there is a chance of infection of Anthrax in cattle. The symptoms are fever, severe diarrhoea and dysentery, respiration becomes rapid and shortly before death, the mucous membranes appear cyanotic.

The nasal discharge appears with blood stains or purulent.

Immediately contact the local veterinarian and vaccinate your animals once in a year.

Pudukottai

As the temperature is expected to increase in the forthcoming days, sucking pest infestation may be prevalent in vegetables, pulses and groundnut crops. Hence, 5% Neem seed kernel extract may be sprayed to control the pest incidence.

Farmers are advised to provide salt lick to sheep and goat at their sheds to avoid dehydration loss and improve production in animals. Deworm and detick sheep and goats to avoid infection during this

Crop (Stage)	Crop Specific Advisory
SUGARCANE	Top dressing with fertilizers will give good results in Sugarcane cultivation. In the case of the lift irrigation belt, apply 225 kg of nitrogen and 112 ½ kg of K ₂ O per hectare in three equal splits during 30, 60 and 90 days.
SESAME (GINGELLY/TIL)	Since temperature starts rising, sowing of irrigated sesame may be done. To control the weeds Alachlor @ 1.5 kg (or) Metolachlor @ 1.0 kg ha ⁻¹ as a pre emergence herbicide may be used.
Horticulture (Stage)	Horticulture Specific Advisory
COCONUT	Due to the prevailing weather conditions weed management can be done in coconut. For the broad-leaved weeds, pre-emergence spraying of atrazine @1.0 kg ai/ ha for the control of grasses and sedges. Post emergence spraying of glyphosate @ 10 ml and 20 g ammonium sulphate/litre of water.
BANANA	Due to the dry weather, Banana Thrips are likely to appear. Management Mix 0.5ml of thiamethoxam for 0.5ml of imdacloprid per liter of water and spray. Prevailing weather condition is suitable for planting of banana. Poovan,
Horticulture (Stage)	Horticulture Specific Advisory
	Rasthali, Monthan, Karpooravalli and Neypoovan varieties can be planted during February to April months. The incidence of nematode in these varieties may occur, as a preventive measure, before planting, pre-treat the suckers with press mud application and pare and dip the corm in solution of 5gm pseudomonas fluorescence, 5gm Trichoderma viride, and 5gm Bacillus, shade dry and plant.
JASMINE	To regulate soil temperature and conserve moisture following of mulching is suggested in Jasmine. At flowering stage spraying of 5% neem seed kernel extract.

Ramanathapuram

From extended range forecast, below normal rainfall, Normal maximum and minimum temperature expected for the period of February 18 to February 24 over Tamil Nadu.

Farmers are advised to sundry the paddy grains, to bring storable moisture (18 per cent) content then store at a safe place.

Crop (Stage)	Crop Specific Advisory
COTTON	In rainfed cotton cultivation, it is recommended for farmers to apply Urea @ 25 kg and Potash @ 10 kg per acre, as the second dose, between 40 to 45 days after germination.
COTTON	Farmers are advised to manage green leaf hopper on cotton spray flonicamid 50% WG @ 60gram / acre.
Crop (Stage)	Crop Specific Advisory
COTTON	Farmers are advised to increase yield by nipping technique at 15th node on 75th to 80th day after planting in cotton.
BLACK GRAM	Farmers are advised to harvested the paddy field followed by sowing at block gram, also it advised to sow the ragi seeds were the water available.
Horticulture (Stage)	Horticulture Specific Advisory
CHILLI	Farmers should ensure that excess water has drained off in Chilli field. After the water has drained off, spray 1 percent urea or NPK 19:19:19 (all 19) as a foliar application.
CHILLI	Due to the prevailing day time temperature and humidity is favourable for incidence of die back and fruit rot in chilli. Diseased plant branches and younger leaves get withered. Brown discoloration and small black spot appears on infested fruits. If symptoms noticed adopt the recommended action of spraying of Copper oxychloride 50 WP @ 500 g/ac or Mancozeb 75 WP @ 400 g/ac with 200 liter of water (3 times at 15 days interval).
COCONUT	In coconut tree basins application of coconut leaves and coir waste can help to prevent evaporation loss and maintain the soil moisture
Live Stock	Live Stock Specific Advisory
COW	Changing weather conditions are favourable for ectoparasites in livestock, so apply de-ticking solution externally.

Sivagangai

SMS Advisory	Chances of very light rain on 14 Feb. Maximum temperature would be in the range of 33°C to 34°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 16-20 Kmph from, Northeast direction.
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General Advisory:

Since very light rain is likely to occur at one or two places over the district on 14 Feb and dry weather is very likely to prevail over the district during 15th to 18th February, hence based on the soil moisture condition of the field, farmers can provide irrigation to their crops. Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Wind with the speed of 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.

Extended range Forecast for next week (16th Feb to 22nd February 2024):

Rainfall:

As per extended range predictions, below normal to near normal is likely over one or two places of the district from 16th Feb to 22nd February 2024.

Maximum Temperature:

Maximum temperatures are likely to be normal to slightly above normal and are likely to be in the range of 30°C to 34°C, over the district from 16th Feb to 22nd February 2024.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 18°C to 22°C over the district from 16th Feb to 22nd February 2024.

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

Bhendi:

The incense of Red cotton bug noticed in Bhendi. Infested seeds become discoloured and shrivelled.

To manage this, conserve the biocontrol agent *Harpactorcostalis predaceous* on nymphs and adults and spray *Beaveria Bassiana* @ 600ml per acre.

Groundnut:

The infestation of Peanut bud necrosis virus is expected in Groundnut fields. The symptom appears on leaves, the Chlorotic spots appear on young leaflets and terminal bud necrosis.

As the plant matures it becomes stunted with short internodes and the proliferation of auxiliary shoots.

This virus is mainly transmitted by Thrips.

To control, spray 10gms *Verticellium lecanii* + 10gms *Pseudomonas* per litre of water.

As a preventive measure, sow Groundnut with Bajra crop in a 7:1 ratio.

Remove the infected plants up to 6 weeks after sowing.

Animal Husbandry:

Due to the prevailing weather conditions, there is a chance of infection of Anthrax in cattle. The symptoms are fever, severe diarrhoea and dysentery, respiration becomes rapid and shortly before death, the mucous membranes appear cyanotic.

The nasal discharge appears with blood stains or purulent.

Immediately contact the local veterinarian and vaccinate your animals once in a year.

Theni

SMS Advisory	Dry weather will prevail for the next 5 days. Maximum temperature would be in the range of 29°C to 30°C and the minimum temperature would be between 22°C-23°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 8-10 Kmph from, Northeast direction.
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General Advisory:

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

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

Wind with the speed of 8 to 10 kmphs expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava

and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity

Extended range Forecast for next week (16th Feb to 22nd February 2024):

Rainfall:

As per extended range predictions, below normal to near normal is likely over one or two places of the district from 16th Feb to 22nd February 2024.

Maximum Temperature:

Maximum temperatures are likely to be normal to slightly above normal and are likely to be in the range of 30°C to 34°C, over the district from 16th Feb to 22nd February 2024.

Minimum Temperature:

Minimum temperatures are likely to be slightly above normal and are likely to be in the range 18°C to 22°C over the district from 16th Feb to 22nd February 2024.

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

Sugarcane:

The incidence of White Grub is expected in Sugarcane. The symptoms initially appear on leaves, leaves get yellowing and wilting .

The entire crown gets dried, causing extensive damage to the roots and base of the shoot. Affected canes show lodging in the field.

To control spray, 25 ml of Fipronil 5%SC with 10 litres of Water

Mango:

It is important to control the flower and finches shedding in Mango crops. It is also essential to follow the yield-increasing practices in Mango.

To increase fruit retention, farmers are advised to spray, NAA @ 20ppm at the flowering stage.

If the trees do not flower, by that time, to induce the flowering, spray any one of the following, 0.5% Urea (5g/lit.) OR 1% Potassium Nitrate (10g/lit.).

Animal Husbandry:

Due to the prevailing weather conditions, there is a chance of infection of Anthrax in cattle. The symptoms are fever, severe diarrhoea and dysentery, respiration becomes rapid and shortly before death, the mucous membranes appear cyanotic.

The nasal discharge appears with blood stains or purulent.

Immediately contact the local veterinarian and vaccinate your animals once in a year.

Virudhunagar

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Wind speed is high, evapotranspiration will be high. Hence, Irrigate the crop.
rainfed / irrigated crops	Relative humidity/dew	High relative humidity and moderate wind speed may increase the disease spread. Hence, spray fungicide to avoid diseases spread.
Cotton	Harvest	Harvest and dry it to avoid fungal infection.
Paddy	Vegetative stage	Prevailing weather may persist with Leaf folder (or) leaf roller. To control spray Chlorantraniliprole 18.5% SC 60 g/ac.
Chilli	Fruit formation	Dry weather may persist with Tobacco Cutworm to control spray with Spinosad 45% SC 3.2ml/10 litre of water (or) Emamectin benzoate 5%SG 4g/10lit. to in Chilli. In order to meet the nutrient requirement, spray 1% solution of 19:19:19 fertilizer.
Jasmine	Flowering stage	Dry weather may induce Budworm. Spray Neem Seed Kernal Extract 5%

Livestock and public	Temperature	Raise in temperature may induce stress. Hence, it is requested to provide pure water to livestock and public to intake water frequently to avoid dehydration.
	Goat	Goat pox: A Serious viral disease of goats commonly occurring in summer. The disease spread by direct contact and contaminated feed and water. Prevention: Annual revaccination should be done at the time of Feb-March. Treatment: Boric acid and glycerin paste can be applied over the skin lesions.3. Antibiotics should be given for 3-5 days. Contact near by Veterinary hospital.

SMS: Rain: 14.02-1mm. Spray Spinosad 45% SC @ 3.2ml/10 litre of water to control Tobacco Cutworm in Chilli. Spray Chlorantraniliprole 18.5% SC @ 60 g/ac. to control Paddy Leaf folder.

Tirunelveli

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Wind speed is high, evapotranspiration will be high. Hence, Irrigate the crop.
rainfed / irrigated crops	Relative humidity/dew	High relative humidity and moderate wind speed may increase the disease spread. Hence, spray fungicide to avoid diseases spread.
Paddy	Tillering, milking stage	Prevailing weather may persist with Leaf folder (or) leaf roller. To control spray Chlorantraniliprole 18.5% SC 60 g/ac. Prevailing weather may persist with White backed plant hopper. Spray Azadirachtin 0.03% @400 ml.
Livestock	Dry condition	Dry condition is expected provide water frequently. Avoid grazing ruminants during the early morning hours The ruminants must not be tethered in marshy and slushy area to avoid foot rot, they must be housed in damp free elevated places.
	Goat	Goat pox: A Serious viral disease of goats commonly occurring in summer. The disease spread by direct contact and contaminated feed and water. Prevention: Annual revaccination should be done at the time of Feb-March. Treatment: Boric acid and glycerin paste can be applied over the skin lesions.3. Antibiotics should be given for 3-5 days. Contact near by Veterinary hospital.

SMS: Rain: 14&15.02-1&1 mm. Spray Chlorantraniliprole 18.5% SC @ 60 g/ac. to control Paddy Leaf folder. Spray Azadirachtin 0.03% @400 ml.to control White backed plant hopper.

Thoothukudi

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Wind speed is high, evapotranspiration will be high. Hence, Irrigate the crop.
Plant protection	Relative humidity/ dew	High relative humidity and moderate wind speed may increase the disease spread. Hence, spray fungicide to avoid diseases spread.
Cotton	boll formation & Maturation stage	Spray Phosalone 35% EC@ 2.5 l/ ha or Quinalphos 25 EC@ 2.0 l/ha (or) Emamectin benzoate 5% SG 190-220 g/ha to control boll worm incidence.
Paddy	Tillering, panicle initiation stage	Prevailing weather may persist with Leaf folder (or) leaf roller. To control spray Chlorantraniliprole 18.5% SC 60 g/ac. Prevailing weather may persist with White backed plant hopper. Spray Azadirachtin 0.03% @400 ml.
Chilli	Fruit formation	Dry weather may induce Tobacco Cutworm in Chilli. Spray with Spinosad

		45% SC 3.2ml/10 litre of water (or) Emamectin benzoate 5%SG 4g/10lit. Under dry weather noticed Anthracnose. To control spray captan 0.2 %. (or) Neem oil.
Livestock	Dry condition	Dry condition is expected provide water frequently. Avoid grazing ruminants during the early morning hours The ruminants must not be tethered in marshy and slushy area to avoid foot rot, they must be housed in damp free elevated places.
	Goat	Goat pox: A Serious viral disease of goats commonly occurring in summer. The disease spread by direct contact and contaminated feed and water. Prevention: Annual revaccination should be done at the time of Feb-March. Treatment: Boric acid and glycerin paste can be applied over the skin lesions.3. Antibiotics should be given for 3-5 days. Contact near by Veterinary hospital.

SMS: Rain:14-16.02-2,1&1mm Spray Chlorantraniliprole 18.5% SC @ 60 g/ac. to control Paddy Leaf folder. spray captan 0.2 %. (or) Neem oil to control Anthracnose in chillie.

Tamil Nadu		
Weather forecast	Next five days	Light rain is likely to occur at one or two places over Coastal Tamilnadu, Puducherry and Karaikal area on Day 1 (14.02.2024). Dry weather is very likely to prevail over Interior Tamilnadu on Day 1 (14.02.2024). Mist/Haze is likely to prevail at isolated places over Interior Tamilnadu during early morning hours on Day 1 (14.02.2024). Light rain is likely to occur at one or two places over South Tamilnadu, Delta Districts and Karaikal area on Day 2 (15.02.2024). Dry weather is very likely to prevail over rest North Tamilnadu and Puducherry on Day 2 (15.02.2024). Mist/Haze is likely to prevail at isolated places over Interior Tamilnadu during early morning hours on Day 2 (15.02.2024). Dry weather is very likely to prevail over Tamilnadu, Puducherry & Karaikal area from Day 3 (16.02.2024) to Day 5 (18.02.2024).

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
	There is no possibility of rainfall during forthcoming five days. Maximum temperature will range from 33 - 34°C and minimum temperature will range from 24 - 25°C. Mostly cloudy condition may prevail. The morning relative humidity will range from 70 - 80 % and it may range from 40 - 50 % during afternoon. Wind speed may be 14 - 16 km / hr in North East direction.		
1.	Pineapple	Early growth stage	Mulching have to be given to pineapple for moisture conservation.
2.	Flowers	All stages	There is no possibility of rainfall during forthcoming five days. Irrigation should be given to all flower crops due to low rainfall.

3.	Rubber	New shoot formation and flowering	Spray 1% Bordeaux mixture or 0.2% Mancozeb to control leaf spot.
4.	Banana	All Stages	As the temperature will shoot high and wind speed (14 - 16 km/hr) is also high evapotranspiration will be more. So, irrigation and mulching can be taken up to conserve moisture. Staking should be given to bananas of more than 7 months to prevent from wind damage.
5.	Rose, Jasmine and Tuberose	All stages	Due to hot and dry weather, sucking pest infestation will be high. To control sucking pest spraying of Prophenophos @ 2 ml per litre of water is recommended.

SMS Advisory

Cinnamon: Spray 0.25% copper oxy chloride to control the leaf spot in cinnamon.

Salem

Weather Advisory Bulletin for livestock, poultry and agro advisory

Livestock , Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Coconut	General	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 metre radius. The husk can be also buried in the trenches at a distance of 3 m from the palm with a size of 45 cm deep and 150 cm width in between two rows of coconut. The soaking of the coconut husk or coir pith as the case may be preserves the monsoon rains.
Tomato	Vegetative	Dry and hot weather favours multiplication of white fly. For management of leaf curl virus, remove infected plant part and controlling whitefly vector by spraying Acetamiprid @ 3gram/15 lit. Install yellow sticky traps for sucking pests.
Bhendi	Vegetative	Higher temperature along with higher relative humidity favours the incidence of red spider mite. To manage red spider mite spray wettable sulphur 80 wg at 40g per acre or propargite 57 ec at 400 ml per acre
Tapioca	Vegetative	Dry weather favours red spider mite incidence in Tapioca. To manage red spider mite damage Spray wettable sulphur 50 WP 2g/lit or dicofol 18.5 EC 2.5 ml/lit
Mango	Flowering	Excess irrigation during flowering stage leads to flower drop. Hence, Avoid excess watering during flowering. During flowering stage incidence of mango hoppers, sooty mould and powdery mildew occurs. To manage Spray 0.6 ml imidacloprid 17.8 Sl per 1l of water or 0.6 g Thiamethoxam 25 WG per l of water or 0.6 g Acetamiprid 20 SP per l of water or 0.6 ml spirotetramat 150 OD with 2.5 g/l wettable sulphur 75 WP In case of delayed flowering in Mango, spray 10 g of urea/ l of water. Spray twice after 21 days
Chilly	Vegetative	High temperature may favour incidence of thrips in Chilly. To avoid damage spraying of Emamectin benzoate 5%SG @4g/10 lit.(or)Spinosad 45 %SC @

		3.2ml/10lit may be done.
Acid Lime	Vegetative	As the prevailing dry weather & increase in temperature, Follow irrigation with double ring if there is no drip system. Irrigate acid lime orchard at 7 to 10 days interval
Cow	General	Farmers are advised to provide 30-50 gram of mineral mixture per animal to improve the production in dairy animals. Farmers are advised to sprinkle water over the dairy animals during hot part of the day.
Chick	General	Provide B-Complex supplements in drinking water to poultry birds to improve production and health status in birds.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	Prevailing weather is witnessed by two extreme temperatures of cold and hot which would be very stressful to the birds and may even lead to deaths in high weighing birds. To manage this situation, poultry farmers are advised to add anti-stress supplements like vitamin-C and choline chloride in the feed regularly. Further, as the summer is around the corner, water resources, pipelines, roof sprinklers and nipples are to be verified for any blocks and kept ready to face the summer related issues.
Livestock	General	Cotton ginning waste available from cotton mills can be used as a feed for ruminants replacing dry roughages during dry and scarcity period. The ginning waste contains moderate levels of crude protein (10 – 14 %) and crude fibre (40-50 %). Hence, protein supplements such as oil cakes (groundnut, gingelly, coconut, cotton seed cake) or fodders (hedge lucerne, stylo, agathi, mulberry, moringa leaves) or azolla can be fed along with cotton ginning waste. Also, the mineral content is also low in ginning waste. Hence, addition of mineral mixture @ 50 g per day per animal for cattle, 5- 10 gram for sheep and goats is recommended. However, certain foreign materials such as nails, wires, iron particles, plastic waste materials may be present and they should be removed before feeding to livestock. The iron particles may be removed using a magnet.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Sugarcane	Vegetative stage	Early shoot borer incidence was noticed in sugarcane crop currently. Farmers are advised to collect the dead heart shoot from the field and destroy it. Spot applicaton of 4 kg Carbofuran granules mixed with 4 kg of sand over the infested shoots may be undertaken. Alternatively, install pheromone traps @ 10 numbers / acre to monitor the pest incidence. Then foliar spraying of Chlorantraniliprole or Profenophos insecticide @ 0.5 ml / litre of water may be undertaken to control it.
Coconut	General	Due to current weather condition, button shedding occurred in coconut trees. This may result in chances of yield loss. Hence, farmers are advised to apply farm

		waste (or) crop residue around the coconut tree and irrigate around the tree. Also, give root feeding of coconut tonic @ 200 ml / tree in 3 months interval to avoid button shedding in coconut.
Brinjal	Vegetative stage	To increase the yield of brinjal, give foliar spraying with vegetable booster @ 5 gram / liter along with sticking agent in 15 days interval after 30 days of planting.
Vegetable crops	General	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.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Crop	Advisory
Paddy	Paddy - Brown Spot- prevailing weather condition Temperature of 25-30°C, Relative humidity above 80 per cent, excess of nitrogen aggravates the disease incidence attacks seedling in nursery to milky stage in main field. The disease appears first as minute brown dots later becoming cylindrical or oval to circular to control Carbendazim12% + Mancozeb 63%wp 2.0 g per lit.
Chilli	Chilli thrips Symptoms: 1. Crinkling and curling upwards. 2. Elongated Petiole. 3. Buds become brittle and drop down. 4. Early stage infestation leads to stunted growth and flower production and fruit set are arrested. Management: 1. Don't follow chilli and onion mixed crop. 2. Sprinkle water over the seedlings to control the multiplication of thrips. 3. Spray with Spinosad 45% SC 3.2ml/10 litre of water.
Tomato	Bacterial wilt- High soil moisture. Rapid and complete wilting of plant. Lower leaves drop before wilting. Yellow brown discolouration of tissues. White bacterial ooze from cut ends. Drenching with bleaching powder @ 10 kg / ha.
Mango	Prevailing weather Mango hoppers incidence Nymphs and adults suck the sap of inflorescence, Withering. Shedding of flower buds and flowers, Presence of honey dew segregation on lower leaves and development of sooty mould. Clicking sound – movement of jassids amidst leaves. Hoppers provide shelter in the cracks and crevices of the barks on the tree Management of the incidence Avoid close planting, as the incidence very severe in overcrowded orchards. Orchards must be kept clean by ploughing and removal of weeds. Spray Tolfenpyrad 1.5 m.l/lit.
Tapioca	Prevailing hot weather situation is favourable for spiraling white fly in tapioca and hence farmers are requested to the monitor the crop if require spray Triazophos @ 2 ml per litre of water.

Goat	Goat pox: A Serious viral disease of goats commonly occurring in summer. The disease spread by direct contact and contaminated feed and water. Symptoms: High fever followed by appearance of blisters on the hairless parts of the body especially lips, nose, mouth, eyes, Groin, Udder and under the base of the tail. Prevention: 1. Vaccinating the animals above 3 months- primary Vaccination.2. Annual revaccination should be done at the time of Feb-March. Treatment: 1. Isolate the affected animal and treating them symptomatically. 2. Boric acid and glycerin paste can be applied over the skin lesions.3. Antibiotics should be given for 3-5 days.
General Advisory	Farmers are requested to practice the summer ploughing based on the suitable soil moisture prevailing for ploughing. Utilizing the rainfall, summer ploughing may be done against the slope to control weeds, pest and diseases, in addition to conserve summer rains.
Cattle	Keep animals in shade and give them plenty of clean and cold water to drink. Do not make them work between 11 am to 4 pm. Cover the shed roof with straw, paint it white or plaster with dung-mud to reduce temperature. Use fans, water spray and foggers in the shed. During extreme heat, spray water and take cattle to a water body to cool off. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	Prevailing weather is witnessed by two extreme temperatures of cold and hot which would be very stressful to the birds and may even lead to deaths in high weighing birds. To manage this situation, poultry farmers are advised to add anti-stress supplements like vitamin-C and choline chloride in the feed regularly. Further, as the summer is around the corner, water resources, pipelines, roof sprinklers and nipples are to be verified for any blocks and kept ready to face the summer related issues.
Livestock	General	Cotton ginning waste available from cotton mills can be used as a feed for ruminants replacing dry roughages during dry and scarcity period. The ginning waste contains moderate levels of crude protein (10 – 14 %) and crude fibre (40-50 %). Hence, protein supplements such as oil cakes (groundnut, gingelly, coconut, cotton seed cake) or fodders (hedge lucerne, stylo, agathi, mulberry, moringa leaves) or azolla can be fed along with cotton ginning waste. Also, the mineral content is also low in ginning waste. Hence, addition of mineral mixture @ 50 g per day per animal for cattle, 5- 10 gram for sheep and goats is recommended. However, certain foreign materials such as nails, wires, iron particles, plastic waste materials may be present and they should be removed before feeding to livestock. The iron particles may be removed using a magnet.
Agro advisory from Krishi Vigyan Kendra		
Sugarcane	Vegetative stage	Early shoot borer incidence was noticed in sugarcane crop currently. Farmers are advised to collect the dead heart shoot from the field and destroy it. Spot

		applicaton of 4 kg Carbofuran granules mixed with 4 kg of sand over the infested shoots may be undertaken. Alternatively, install pheromone traps @ 10 numbers / acre to monitor the pest incidence. Then foliar spraying of Chlorantraniliprole or Profenophos insecticide @ 0.5 ml / litre of water may be undertaken to control it.
Coconut	General	Due to current weather condition, button shedding occurred in coconut trees. This may result in chances of yield loss. Hence, farmers are advised to apply farm waste (or) crop residue around the coconut tree and irrigate around the tree. Also, give root feeding of coconut tonic @ 200 ml / tree in 3 months interval to avoid button shedding in coconut.
Brinjal	Vegetative stage	To increase the yield of brinjal, give foliar spraying with vegetable booster @ 5 gram / liter along with sticking agent in 15 days interval after 30 days of planting.
Vegetable crops	General	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.

Karaikal

Agro Advisory

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

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

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