



तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श बुलेटिन



State Composite Agro-meteorological Advisory Bulletin for Tamil Nadu and Puducherry Bulletin No. 012/2025

For the period 0830 IST, 11th February 2025 to
0830 IST, 16th February 2025

Issued on Tuesday, 11th February 2025

Issued by

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

Agro climatic zones of the state

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



Past Weather Summary for the period 07.02.25 to 10.02.25 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 29°C – 34°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 17°C – 25°C during the period.

Minimum temperature of range 16°C - 26°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 06°C - 09°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Tamil Nadu	Puducherry
Widespread (Most places)	-	-
Fairly widespread (Many places)	-	-
Scattered (Few Places)	-	-
Isolated (One or Two Places)	-	-
Dry	07.02.2025, 08.02.2025, 09.02.2025 and 10.02.2025	07.02.2025, 08.02.2025, 09.02.2025 and 10.02.2025

Chief Amounts of Rainfall (in cms):-

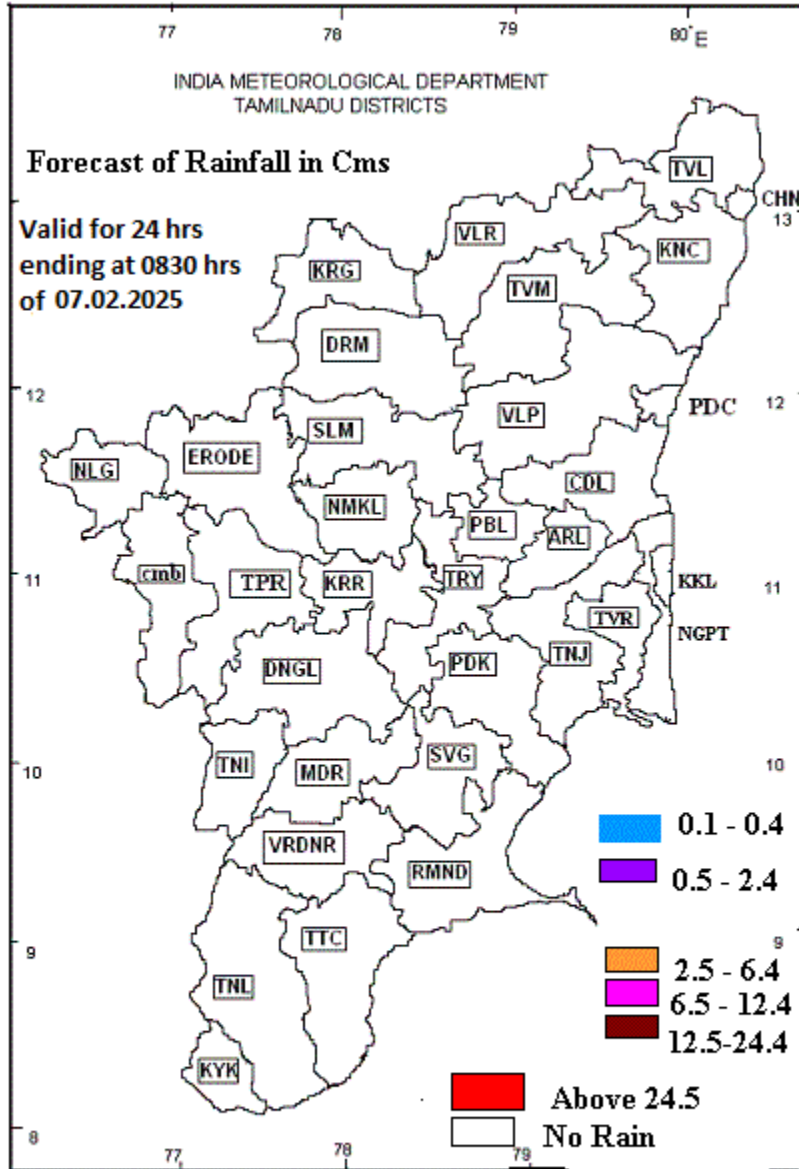
07.02.25: Nil

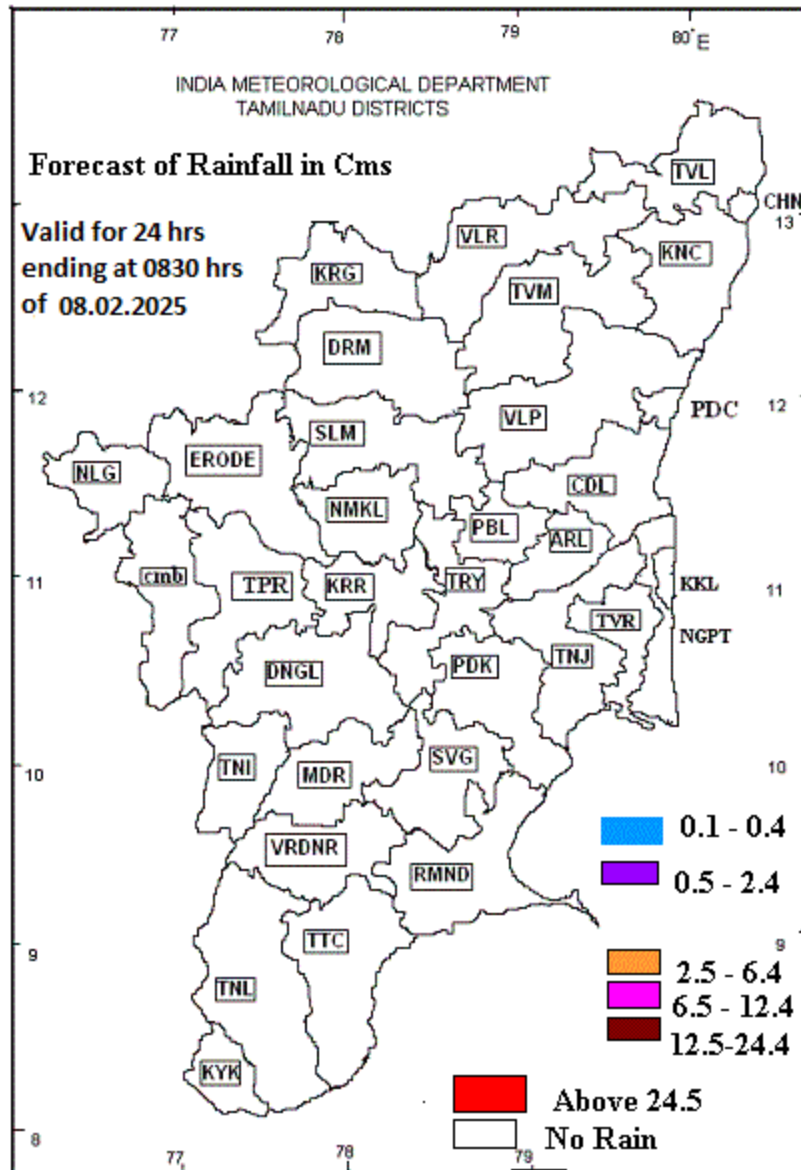
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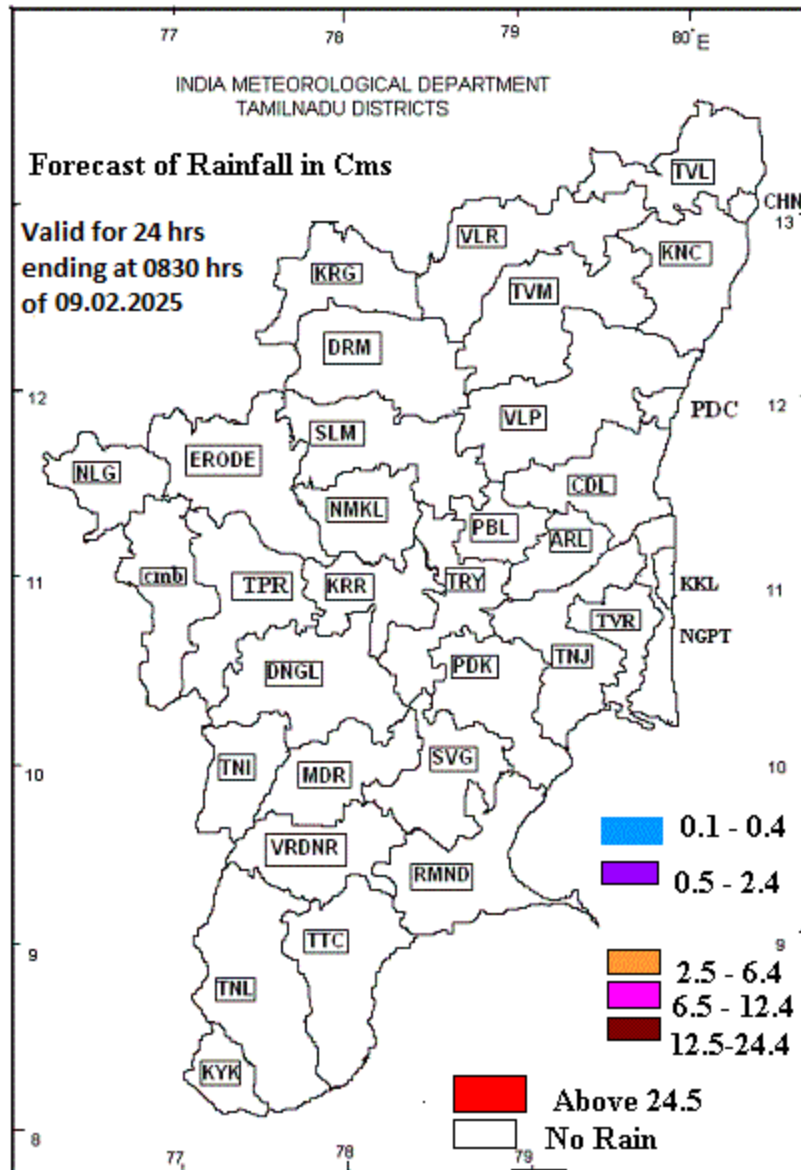
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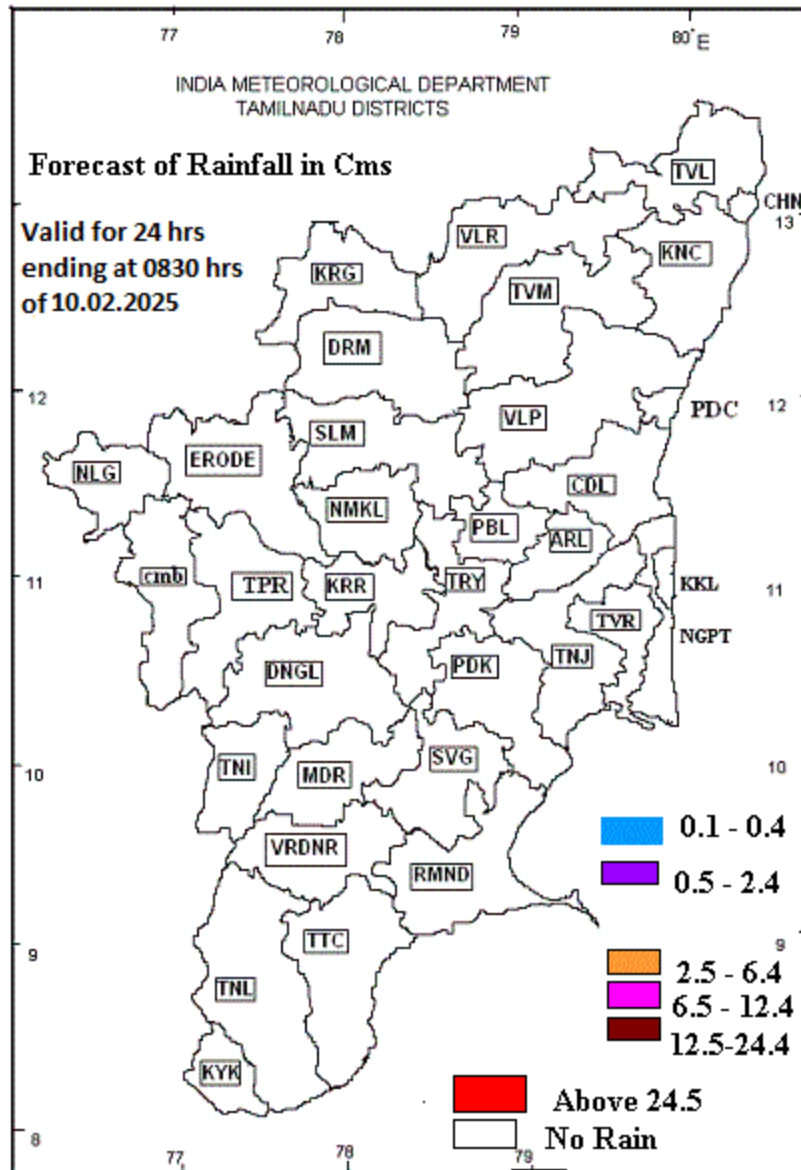
10.02.25: Nil

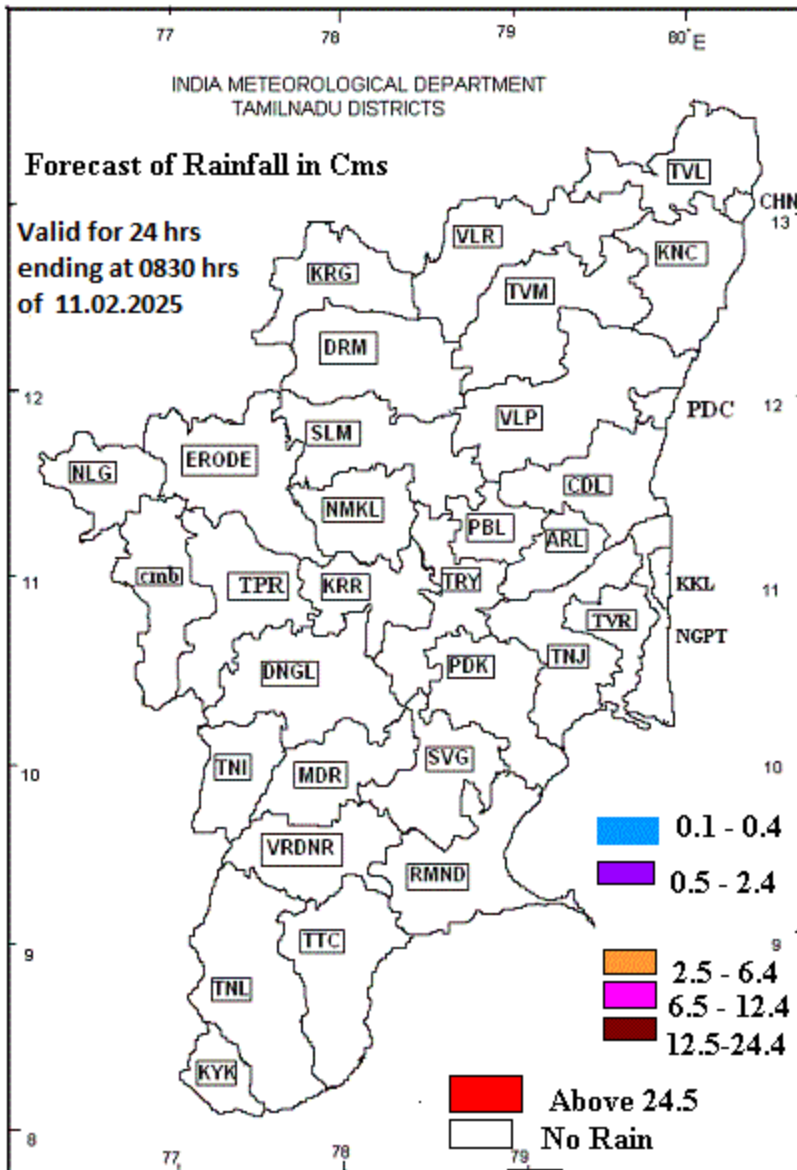
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 11.02.25
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

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

SMS Advisory:

(12.02.2025-16.02.2025) Shallow Fog/Mist conditions are very likely to prevail at isolated pockets of Tamil Nadu during morning hours.

Livestock Advisory:

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

Agricultural advisory Rice:

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

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

Groundnut:

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

Blackgram:

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

Brinjal:

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

Banana:

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

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

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Dry days with foggy morning are expected for the next five days and the wind speed is expected to be around up to 10-12 kmph in Western zone districts. Provide irrigation based on soil moisture. By utilizing dry weather, harvested produce may be dried and stored properly.
Rice	Harvest	Irrigation to samba rice crop may be stopped to facilitate harvesting when the crop is matured. Due to dewfall, there is a possibility for false smut disease and BLB disease, spray Copper Hydroxide 53.8% DF @ 200gram / acre.
Maize	Sowing	Sowing of irrigated maize may be continued, considering the increasing trend of air and soil temperature.
Sesame	Sowing	For summer irrigated Sesame, considering the anticipated maximum temperature, the suitable varieties TMV 4, TMV 6 SVPR 1 can be considered for sowing during 2 nd week of February. Treat to seeds with Carbendazim 50% WP @ 2 gram / kg of seed.
Sugarcane	Vegetative	Dry weather favours early shoot borer in sugarcane, frequent irrigation with mulching is advised to keep the field in wet condition which prevent pest infestation.
Tapioca	Tuber formation stage	White fly incidence is seen in tapioca hence farmers are requested to monitor the crop carefully and place yellow sticky trap in 5 or 6 places and if required spray imidacholoprid @ 40ml / acre.
Turmeric	Maturity stage	Interval between irrigation in turmeric crop has to be increased to facilitate the maturity. Avoid water stagnation to prevent turmeric rhizome rot disease.
Mango		Prevailing weather condition is favorable for hopper incidence in mango hence farmers are request to monitor the crop if required spray carbendazim 12.7% + Mancozeb 63% WP @0.15%
Coconut		Since temperature starts rising, the black headed caterpillar in coconut may be increased. The braconid parasitoids may be released @ 2100 /ha to control the pest at initial stage. The parasitoids are now available in Coconut Research Station Aliyarnagar. At the advance stages 10ml of Monocrotophos mixed in 10ml of water and root feeding is done.
Animal Husbandry		Provide adequate clean drinking water to avoid thirstiness in animals during cool winter. Considering the low night temperature and increasing day temperature,

		provide TANUVAS mineral mixture @ 50g / day to maintain animal health.
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SMS advisory:

Due to the warm humidity condition, control powdery mildew disease by spraying of Azoxystrobin 23SC @ 200 ml/ acre.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Dry days with foggy morning are expected for the next five days and the wind speed is expected to be around up to 10-12 kmph in Western zone districts. Provide irrigation based on soil moisture. By utilizing dry weather, harvested produce may be dried and stored properly.
Rice	Harvest	Irrigation to samba rice crop may be stopped to facilitate harvesting when the crop is matured. Due to dewfall, there is a possibility for false smut disease and BLB disease, spray Copper Hydroxide 53.8% DF @ 200gram / acre.
Maize	Sowing	Sowing of irrigated maize may be continued, considering the increasing trend of air and soil temperature.
Sesame	Sowing	For summer irrigated Sesame, considering the anticipated maximum temperature, the suitable varieties TMV 4, TMV 6 SVPR 1 can be considered for sowing during 2 nd week of February. Treat to seeds with Carbendazim 50% WP @ 2 gram / kg of seed.
Sugarcane	Vegetative	Dry weather favours early shoot borer in sugarcane, frequent irrigation with mulching is advised to keep the field in wet condition which prevent pest infestation.
Tapioca	Tuber formation stage	White fly incidence is seen in tapioca hence farmers are requested to monitor the crop carefully and place yellow sticky trap in 5 or 6 places and if required spray imidacholoprid @ 40ml / acre.
Turmeric	Maturity stage	Interval between irrigation in turmeric crop has to be increased to facilitate the maturity. Avoid water stagnation to prevent turmeric rhizome rot disease.
Mango		Prevailing weather condition is favorable for hopper incidence in mango hence farmers are request to monitor the crop if required spray carbendazim 12.7% + Mancozeb 63% WP @0.15%
Coconut		Since temperature starts rising, the black headed caterpillar in coconut may be increased. The braconid parasitoids may be released @ 2100 /ha to control the pest at initial stage. The parasitoids are now available in Coconut Research Station Aliyarnagar. At the advance stages 10ml of Monocrotophos mixed in 10ml of water and root feeding is done.
Animal Husbandry		Provide adequate clean drinking water to avoid thirstiness in animals during cool winter. Considering the low night temperature and increasing day temperature, provide TANUVAS mineral mixture @ 50g / day to maintain animal health.

SMS advisory:

Due to the warm humidity condition, control powdery mildew disease by spraying of Azxoystrobin 23SC @ 200 ml/ acre.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Dry days with foggy morning are expected for the next five days and the wind speed is expected to be around up to 10-12 kmph in Western zone districts. Provide irrigation based on soil moisture. By utilizing dry weather, harvested produce may be dried and stored properly.
Rice	Harvest	Irrigation to samba rice crop may be stopped to facilitate harvesting when the crop is matured. Due to dewfall, there is a possibility for false smut disease and BLB disease, spray Copper Hydroxide 53.8% DF @ 200gram / acre.
Maize	Sowing	Sowing of irrigated maize may be continued, considering the increasing trend of air and soil temperature.
Sesame	Sowing	For summer irrigated Sesame, considering the anticipated maximum temperature, the suitable varieties TMV 4, TMV 6 SVPR 1 can be considered for sowing during 2 nd week of February. Treat to seeds with Carbendazim 50% WP @ 2 gram / kg of seed.
Sugarcane	Vegetative	Dry weather favours early shoot borer in sugarcane, frequent irrigation with mulching is advised to keep the field in wet condition which prevent pest infestation.
Tapioca	Tuber formation stage	White fly incidence is seen in tapioca hence farmers are requested to monitor the crop carefully and place yellow sticky trap in 5 or 6 places and if required spray imidacholoprid @ 40ml / acre.
Mango		Prevailing weather condition is favorable for hopper incidence in mango hence farmers are request to monitor the crop if required spray carbendazim 12.7% + Mancozeb 63% WP @0.15%
Coconut		Since temperature starts rising, the black headed caterpillar in coconut may be increased. The braconid parasitoids may be released @ 2100 /ha to control the pest at initial stage. The parasitoids are now available in Coconut Research Station Aliyarnagar. At the advance stages 10ml of Monocrotophos mixed in 10ml of water and root feeding is done.
Animal Husbandry		Provide adequate clean drinking water to avoid thirstiness in animals during cool winter. Considering the low night temperature and increasing day temperature, provide TANUVAS mineral mixture @ 50g / day to maintain animal health.

SMS advisory:

Due to the warm humidity condition, control powdery mildew disease by spraying of Azxoystrobin 23SC @ 200 ml/ acre.

Nilgiris

General Advisory: Management of seedborne diseases Seeds can be treated with Trichodermaasperellum @ 4g/kg or

Bacillus subtilis @ 10g/kg to manage seed borne pathogens. Further, soil testing has to be done before any cropping programme.

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

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BLACK PEPPER	To manage wilt in pepper, farmers are advised to apply Trichoderma asperellum / Bacillus subtilis @ 25g and Neem cake @ 500g / vine is recommended. Applications can be made during the rain-free period.
CARROT	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 Purpureocilliumlilacinum @ 5kg/ha is recommended, Applying for may be given during rain free period.
GARLIC	Garlic-Nutrient and disease management • Foliar application of water-soluble micronutrient mixture @ 0.5 g/liter of water during 30, 45 and 60 days after planting may be done to increase the garlic bulb yield. • To manage leaf spot / purple blotch in garlic crop, foliar application of mancozeb @ 2 g/l or copper oxychloride @ 2.5 g/l may be given during rain free period.
TEA	Management of blister blightdisease in tea • Removal and destruction of affected leaves and shoots by pruning • Spray hexaconazole @ 200 ml + copper oxychloride @ 210 g/ha at 5 days interval (or) • Copper oxychloride @ 210 g + propiconazole @ 200 ml/ha at 10 days interval, particularly during June-September and October-November months • Avoid cultivation of susceptible varieties and grow resistant varieties CIB recommendation • Spray any one of the following chemicals • Hexaconazole 5% EC @200ml/ha (or) • Propiconazole 25% EC @ 125-250ml/ha (or) • Carbendazim 12%+ Mancozeb 63% WP @ 1250g/ha (or) • Hexaconazole 4% + Zineb 68% WP @ 625g/ha
BITTER GOURD	Integrated disease management strategies for the management of virus diseases in vegetables • Select disease free seeds • Follow crop rotation • Collect and destroy the virus affected plants • Nursery beds should be covered with nylon net or straw • Raise 2-3 rows of maize or sorghum as border crop • Install sticky traps (blue& yellow) @ 5 nos/acre. • If necessary, spray the crop with systemic insecticides, Dimethoate @ 2.0 ml/litre (or) Thiamethoxam @0.2 ml/litre (or) Imidacloprid @ 0.2 ml/litreof water using hand sprayer during the rain free period.

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

Agro Advisory

General		For rice fallow pulse cultivation, sow black gram / green gram seeds after rice harvest.
Rice	Harvest	Harvest the paddy crop at optimum moisture content during the ensuing dry weather conditions.
		Harvested paddy seeds may be dried at moisture less than 13% using the current weather condition to prevent stored pests damage.
Black gram	Sowing	Treat the black gram seeds required for 1 hectare with 125 ml of each biofertilizers like rhizobium and phosphobacteria and Beauveria basiana, bacillus subtilis @10g per kg of seeds before sowing. Shade dry for 30 min before sowing.
Cattle	Cow	During night, provide covered shelter to protect animals from cold wind. Feed animal with a mixture of oil cakes and 100 gram of jaggery per cow to maintain the body temperature of animals. Providing mineral mixture @ 30 gram/cow is also beneficial.

SMS advisory

For rice fallow pulse cultivation, sow black gram / green gram seeds after rice harvest.

Dindigul

SMS Advisory	For the next five days, Maximum temperature would be in the range of 33°C to 34°C and the minimum temperature would be between 21°C-22°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 10-12 Kmph from, Northeast direction.
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General Advisory:

Extended range Forecast for next week (14th to 20th February 2025):

Rainfall:

As per extended range predictions, there is possibility of generally dry conditions likely over the district during 14th to 20th February 2025.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 14th to 20th February 2025.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 14°C to 18°C over the district during next week 14th to 20th February 2025.

Dry weather is very likely to prevail over the district for the next 5 days, farmers can start crop protection activities, based on the soil moisture condition of your field, provide irrigation to the vegetable crops. Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

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

Tomato:

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

Farmers are advised to apply neem cake @ 400kg/ha and intercrop with marigold.

Further, mix 2½kg of bio mixture *Perpurucillium Lillacinum* per ha with 100 kg of FYM, sprinkled with water and keep it in shade, after 15 days apply it in the field during the morning or evening hours.

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:

Farmers are advised to prevent chicks from Chick Diarrhea disease,

Separate the diseased chick and care.

Allow the Chicks to drink the medicated water for 5 days during morning and evening with a combination of 1 litre of water and 2gm Microzal powder or 2gm Bactrisol powder mixed with 5 ml of Vimeral syrup.

Madurai

SMS Advisory	For the next five days, Maximum temperature would be in the range of 33°C to 34°C and the minimum temperature would be between 21°C-22°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 10-12 Kmph from, Northeast direction.
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General Advisory:

Extended range Forecast for next week (14th to 20th February 2025):

Rainfall:

As per extended range predictions, there is possibility of generally dry conditions likely over the district during 14th to 20th February 2025.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 14th to 20th February 2025.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 14°C to 18°C over the district during next week 14th to 20th February 2025.

Dry weather is very likely to prevail over the district for the next 5 days, farmers can start crop protection activities, based on the soil moisture condition of your field, provide irrigation to the vegetable crops. Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

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

Paddy:

The incidence of Whorl maggot 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 expected in Mullai flower crop (Jasmine). The symptoms of damage appear on the leaves.

The under-surface of leaves 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:

Farmers are advised to prevent chicks from Chick Diarrhea disease,

Separate the diseased chick and care.

Allow the Chicks to drink the medicated water for 5 days during morning and evening with a combination of 1 litre of water and 2gm Microzal powder or 2gm Bactrisol powder mixed with 5 ml of Vimeral syrup.

Pudukottai

SMS Advisory	For the next five days, Maximum temperature would be 33°C and the minimum temperature would be between 21°C-24°C. Partly cloudy sky will appear for the next five days. Wind is expected with the speed of 8-12 Kmph from, Northeast direction.
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General Advisory:

Extended range Forecast for next week (14th to 20th February 2025):

Rainfall:

As per extended range predictions, there is possibility of generally dry conditions likely over the district during 14th to 20th February 2025.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 30°C to 34°C over the coastal of the district during next week. 14th to 20th February 2025

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 18°C to 22°C over the coastal of the district during next week 14th to 20th February 2025.

Dry weather is very likely to prevail over the district for the next 5 days, farmers can start crop protection activities, based on the soil moisture condition of your field, provide irrigation to the vegetable crops. Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

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

Coconut:

The incidence of Rugose Spiralling Whitefly (RSW) noticed in coconut trees. These insects deposit honey-like waste material on the lower surface of coconut grooves. The leaves turn dark due to the spread of black fungus on them.

To control this, farmers can spray water with high pressure on the bottom and top of the coconut leaves.

Installation of yellow sticky trap @ 2 Nos. per acre can be used to attract and destroy mother insects.

When the damage is severe, add 5 ml of neem oil and 1 ml of sticky liquid and spray evenly on the base of the leaves.

Take Maida flour @ 25gm per litre of water, boil it and then spray it well on the black mould.

Black gram:

Prevailing weather conditions is favourable for Leaf Crinkle Black gram. Symptoms Plants showing symptoms within 5 weeks after sowing invariably remain stunted and majority of these die due to top necrosis within a week or two.

Plants infected in late stages of growth do not show severe curling and twisting of the leaves but show conspicuous venial chlorosis anywhere on the leaf lamina. The disease develops in the fields mainly through seed or rubbing of diseased leaves with the healthy ones.

To control this disease, remove and destroy the affected plants from the field. Spray methyl Acephate @ 1gm/litre or Dimethoate 30 EC 2ml/litre and if necessary repeat after 15 days.

Animal Husbandry:

Farmers are advised to prevent chicks from Chick Diarrhea disease,

Separate the diseased chick and care.

Allow the Chicks to drink the medicated water for 5 days during morning and evening with a combination of 1 litre of water and 2gm Microzal powder or 2gm Bactrisol powder mixed with 5 ml of Vimeral syrup.

Ramanathapuram

SMS Advisory	For the next five days, Maximum temperature would be 32°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 10-12 Kmph from, Northeast direction.
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General Advisory:

Extended range Forecast for next week (14th to 20th February 2025):

Rainfall:

As per extended range predictions, there is possibility of generally dry conditions likely over the district during 14th to 20th February 2025.

Maximum Temperature:

Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 30°C to 34°C over the coastal of the district during next week. 14th to 20th February 2025

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 18°C to 22°C over the coastal of the district during next week 14th to 20th February 2025.

Dry weather is very likely to prevail over the district for the next 5 days, farmers can start crop protection activities, based on the soil moisture condition of your field, provide irrigation to the vegetable crops. Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

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

Chilly:

Prevailing daytime temperature and humidity is favourable for incidence of die back and fruit rot in chilli crop. 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 @ 500gm/ac or Mancozeb 75 WP @ 400 gm/ac with 200 litres of water (3 times at 15 days interval).

Cotton:

To increase the yield in the cotton crop, farmers can adopt the tip pinching technique at the 15th node during the 75th to 80th day after planting.

Animal Husbandry:

Farmers are advised to prevent chicks from Chick Diarrhea disease,

Separate the diseased chick and care.

Allow the Chicks to drink the medicated water for 5 days during morning and evening with a combination of 1 litre of water and 2gm Microzal powder or 2gm Bacrisol powder mixed with 5 ml of Vimeral syrup.

Sivagangai

SMS Advisory	For the next five days, Maximum temperature would be in the range of 33°C to 34°C and the minimum temperature would be between 21°C-22°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 10-12 Kmph from, Northeast direction.
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General Advisory:

Extended range Forecast for next week (14th to 20th February 2025):

Rainfall:

As per extended range predictions, there is possibility of generally dry conditions likely over the district during 14th to 20th February 2025.

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Maximum temperatures are likely to be near normal to slightly above normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 14th to 20th February 2025.

Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 14°C to 18°C over the district during next week 14th to 20th February 2025.

Dry weather is very likely to prevail over the district for the next 5 days, farmers can start crop protection activities, based on the soil moisture condition of your field, provide irrigation to the vegetable crops. Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

Weather Based Agro-Advisories: Bhendi, Sugarcane & 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 Harpactor costalis predaceous on nymph and adults and

Spray Beauveria Bassiana @ 600ml per acre.

Sugarcane:

The incidence of White Grub 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.

Animal Husbandry:

Farmers are advised to prevent chicks from Chick Diarrhea disease,

Separate the diseased chick and care.

Allow the Chicks to drink the medicated water for 5 days during morning and evening with a combination of 1 litre of water and 2gm Microzal powder or 2gm Bactrisol powder mixed with 5 ml of Vimeral syrup.

Theni

SMS Advisory	For the next five days, Maximum temperature would be in the range of 32°C to 33°C and the minimum temperature would be between 20°C-21°C. Mainly clear sky will appear for the next five days. Wind is expected with the speed of 10-12 Kmph from, Northeast direction.
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General Advisory:

Extended range Forecast for next week (14th to 20th February 2025):

Rainfall:

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Minimum Temperature:

Minimum temperatures are likely to be near normal and are likely to be in the range 14°C to 18°C over the district during next week 14th to 20th February 2025.

Dry weather is very likely to prevail over the district for the next 5 days, farmers can start crop protection activities, based on the soil moisture condition of your field, provide irrigation to the vegetable crops. Mist is likely to prevail during the early morning hours, allow your cattle to graze only 2 hours after sunrise.

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

Groundnut:

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

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

These virus 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.

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:

Farmers are advised to prevent chicks from Chick Diarrhea disease,

Separate the diseased chick and care.

Allow the Chicks to drink the medicated water for 5 days during morning and evening with a combination of 1 litre of water and 2gm Microzal powder or 2gm Bactrisol powder mixed with 5 ml of Vimeral syrup.

Salem

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p><u>Control of snail borne trematode infections in small ruminants and cattle</u></p> <p>Snail borne trematode infections such as amphistomosis and fasciolosis are very common in ruminants during the months of January, February, March and April, particularly among the young stock which go for grazing to the areas where water bodies are located. The affected small ruminants will have severe watery foetid diarrhoea, anaemia, sub-mandibular oedema, frequent drinking, besides recurrent bloat may occur in cattle. These fluke infections can be controlled by early diagnosis through faecal examination and treatment with appropriate dewormer. Animals should not be allowed for grazing near water bodies.</p>
Poultry	General	<p>In Namakkal district, next two weeks are crucial for layers as there will be frequent ups and downs in temperatures, which affect the physiological features of the body, leading to disturbance in production. To overcome this problem, feed management needs to be corrected. Feeds with low Aflatoxin B₁, < 11 % moisture and not less than 2500 K</p>

		cal / kg energy will help the birds to adjust their bodily function during the vagaries of weather in February and stay healthy and productive.
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Fruit and Vegetable crops	General	Temperature may be raised in forthcoming days. Hence the vegetable as well as fruit growers are requested to apply dried leaves, twigs, coconut fronds/ areca nut fronds in the root zone of the crops to avoid evaporation loss of water and also it conserve the moisture content in the soil.
Coconut	General	Rugose spiraling whitefly incidence was noticed in Coconut. It can be managed by spraying Neem oil 5 ml with 1.5 ml sticking agent using power gun sprayer and placing yellow sticky trap of 3 ft X 1.5ft @ 10 numbers / acre. Sooty mould can be controlled by spraying starch solution and allowing chrysoperla insect feeder @ 400 numbers and Encarsia parasitoid @ 100 / acre. Avoid using chemical pesticides.
Mango	Flowering stage	This season is known for mango flowering. So the farmers are advised to irrigate mango trees at correct interval depends on the soil moisture and prevailing temperature to prevent flower and fruit drop.
Banana	Vegetative stage	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3 , 5 and 7 month after planting to increase the yield of banana.

Namakkal

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<u>Control of snail borne trematode infections in small ruminants and cattle</u> Snail borne trematode infections such as amphistomosis and fasciolosis are very common in ruminants during the months of January, February, March and April, particularly among the young stock which go for grazing to the areas where water bodies are located. The affected small ruminants will have severe watery foetid diarrhoea, anaemia, sub-mandibular oedema, frequent drinking, besides recurrent bloat may occur in cattle. These fluke infections can be controlled by early diagnosis through faecal examination and treatment with appropriate dewormer. Animals should not be allowed for grazing near water bodies.
Poultry	General	In Namakkal district, next two weeks are crucial for layers as there will be frequent ups and downs in temperatures, which affect the physiological features of the body, leading to disturbance in production. To overcome this problem, feed management needs to be corrected. Feeds with low Aflatoxin B ₁ , < 11 % moisture and not less

		than 2500 K cal / kg energy will help the birds to adjust their bodily function during the vagaries of weather in February and stay healthy and productive.
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Fruit and Vegetable crops	General	Temperature may be raised in forthcoming days. Hence the vegetable as well as fruit growers are requested to apply dried leaves, twigs, coconut fronds/ areca nut fronds in the root zone of the crops to avoid evaporation loss of water and also it conserve the moisture content in the soil.
Coconut	General	Rugose spiraling whitefly incidence was noticed in Coconut. It can be managed by spraying Neem oil 5 ml with 1.5 ml sticking agent using power gun sprayer and placing yellow sticky trap of 3 ft X 1.5ft @ 10 numbers / acre. Sooty mould can be controlled by spraying starch solution and allowing chrysoperla insect feeder @ 400 numbers and Encarsia parasitoid @ 100 / acre. Avoid using chemical pesticides.
Mango	Flowering stage	This season is known for mango flowering. So the farmers are advised to irrigate mango trees at correct interval depends on the soil moisture and prevailing temperature to prevent flower and fruit drop.
Banana	Vegetative stage	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3 , 5 and 7 month after planting to increase the yield of banana.

Dharmapuri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	Control of snail borne trematode infections in small ruminants and cattle Snail borne trematode infections such as amphistomosis and fasciolosis are very common in ruminants during the months of January, February, March and April, particularly among the young stock which go for grazing to the areas where water bodies are located. The affected small ruminants will have severe watery foetid diarrhoea, anaemia, sub-mandibular oedema, frequent drinking, besides recurrent bloat may occur in cattle. These fluke infections can be controlled by early diagnosis through faecal examination and treatment with appropriate dewormer. Animals should not be allowed for grazing near water bodies.
Poultry	General	In Namakkal district, next two weeks are crucial for layers as there will be frequent ups and downs in temperatures, which affect the physiological features of the body, leading to disturbance in production. To overcome this problem, feed management needs to be corrected. Feeds with low Aflatoxin B1, < 11 % moisture and not less than 2500 K cal / kg energy will help the birds to adjust their bodily function during the vagaries of

		weather in February and stay healthy and productive.
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Fruit and Vegetable crops	General	Temperature may be raised in forthcoming days. Hence the vegetable as well as fruit growers are requested to apply dried leaves, twigs, coconut fronds/ areca nut fronds in the root zone of the crops to avoid evaporation loss of water and also it conserve the moisture content in the soil.
Coconut	General	Rugose spiraling whitefly incidence was noticed in Coconut. It can be managed by spraying Neem oil 5 ml with 1.5 ml sticking agent using power gun sprayer and placing yellow sticky trap of 3 ft X 1.5ft @ 10 numbers / acre. Sooty mould can be controlled by spraying starch solution and allowing chrysoperla insect feeder @ 400 numbers and Encarsia parasitoid @ 100 / acre. Avoid using chemical pesticides.
Mango	Flowering stage	This season is known for mango flowering. So the farmers are advised to irrigate mango trees at correct interval depends on the soil moisture and prevailing temperature to prevent flower and fruit drop.
Banana	Vegetative stage	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3 , 5 and 7 month after planting to increase the yield of banana.

Krishnagiri


WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<u>Control of snail borne trematode infections in small ruminants and cattle</u> Snail borne trematode infections such as amphistomosis and fasciolosis are very common in ruminants during the months of January, February, March and April, particularly among the young stock which go for grazing to the areas where water bodies are located. The affected small ruminants will have severe watery foetid diarrhoea, anaemia, sub-mandibular oedema, frequent drinking, besides recurrent bloat may occur in cattle. These fluke infections can be controlled by early diagnosis through faecal examination and treatment with appropriate dewormer. Animals should not be allowed for grazing near water bodies.
Poultry	General	In Namakkal district, next two weeks are crucial for layers as there will be frequent ups and downs in temperatures, which affect the physiological features of the body, leading to disturbance in production. To overcome this problem, feed management needs to be corrected. Feeds with low Aflatoxin B ₁ , < 11 % moisture and not less than 2500 K cal / kg energy will help the birds to adjust their bodily function during the vagaries of weather in February and stay healthy and productive.

Agro advisory from Krishi Vigyan Kendra, Namakkal		
Fruit and Vegetable crops	General	Temperature may be raised in forthcoming days. Hence the vegetable as well as fruit growers are requested to apply dried leaves, twigs, coconut fronds/ areca nut fronds in the root zone of the crops to avoid evaporation loss of water and also it conserve the moisture content in the soil.
Coconut	General	Rugose spiraling whitefly incidence was noticed in Coconut. It can be managed by spraying Neem oil 5 ml with 1.5 ml sticking agent using power gun sprayer and placing yellow sticky trap of 3 ft X 1.5ft @ 10 numbers / acre. Sooty mould can be controlled by spraying starch solution and allowing chrysoperla insect feeder @ 400 numbers and Encarsia parasitoid @ 100 / acre. Avoid using chemical pesticides.
Mango	Flowering stage	This season is known for mango flowering. So the farmers are advised to irrigate mango trees at correct interval depends on the soil moisture and prevailing temperature to prevent flower and fruit drop.
Banana	Vegetative stage	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3 , 5 and 7 month after planting to increase the yield of banana.

Karaikal

Agro Advisory

Crop/livestock	Stage/Particulars	Agro 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.
RICE	 <p>Leaf folder</p>	To manage leaf folder in rice, apply azadirachtin 0.03 % (300 ppm) @ 2000 ml/ha or cartaphydrochloride 50 SP @ 1000 g/ha.



BPH

To control brown plant hopper in rice, apply pymetrozine 50 WG @ 300 g or Thiamethoxam 25 WG 100 g /ha.



Blast




Brown spot



False smut

The weather conditions viz., temperature and humidity prevailed in the last few weeks may be favorable for the outbreak of blast, brown spot, false smut and grain discoloration in paddy. Hence, as a prophylactic measure to manage diseases in rice; foliar application of *Pseudomonas fluorescence* or *Bacillus subtilis* @ 0.5% (5 g /ml per litre) may be done commencing from 45 DAT with 10 days interval for 3 times.

The crop in booting stage may be given with any one of the following fungicide viz., Picoxystrobin 7.05 % + Propiconazole 11.7% SC @ 2ml/l or Tricyclazole 20.4 % + Azoxystrobin 6.8 SC % @ 2ml/ l (or) Carbendazim 12 % + Mancozeb 63 % WP @ 2g/ l or Azoxystrobin 18.2 % + Difenconazole 11.4 % SC @ 1ml/ l and again at 50% flowering stage.





		
	Grain discolouraton	
Goat	Sheep and goat pox	There is a chance of occurrence of sheep and goat pox in summer season. Hence, to prevent the pox, sheep and goat should be vaccinated before summer.

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

Puducherry

Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Black gram/ Green gram	Flowering stage	Two percent of DAP spray (Dissolve 4.5 kg of DAP in 10 litres of water previous night and at morning the supernatant liquid shall be mixed with 190 litres of water) may be done at the time of flowering and another dose at fifteen days after first spray. To manage yellow mosaic virus disease in black gram and green gram, spray Methyldematon 25%EC 1ml/l or Dimethoate 30% EC 2ml /l to manage vectors like whitefly and aphids.
Groundnut	Pegging	In groundnut crop apply gypsum 200 kg + borax 10 kg and earthing up on 45 DAS for improving flowering and pod formation.
Jasmine	Flowering stage	Due to prevailing weather condition, there may be chance of budworm infestation in jasmine. To control budworm, Setup 4 helilure sex pheromone trap per acre, spray Bacillus thuringiensis 2g/ lit.

RICE		<p>The weather conditions viz., temperature and humidity prevailed in the last few weeks may be favorable for the outbreak of blast, brown spot, false smut and grain discoloration in paddy. Hence, as a prophylactic measure to manage diseases in rice; foliar application of <i>Pseudomonas fluorescence</i> or <i>Bacillus subtilis</i> @ 0.5% (5 g /ml per litre) may be done commencing from 45 DAT with 10 days interval for 3 times.</p>	
		<p>The crop in booting stage may be given with any one of the following fungicide viz., Picoxystrobin 7.05 % + Propiconazole 11.7% SC @ 2ml/l or Tricyclazole 20.4 % + Azoxystrobin 6.8 SC % @ 2ml/ l (or) Carbendazim 12 % + Mancozeb 63 % WP @ 2g/ l or Azoxystrobin 18.2 % + Difenoconazole 11.4 % SC @ 1ml/ l and again at 50% flowering stage.</p>	
			
			
Blast	Brown spot	False smut	Grain discolouraton

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

