



तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श बुलेटिन



State Composite Agro-meteorological Advisory Bulletin for Tamil Nadu and Puducherry Bulletin No. 004/2025

For the period 0830 IST, 13th January 2025 to
0830 IST, 18th January 2025

Issued on Tuesday, 13th January 2025

Issued by

DDGM, Regional Meteorological Centre, Indi3a 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 10.01.25 to 12.01.25 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 25°C – 33°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 24°C – 18°C during the period.

Minimum temperature of range 19°C - 25°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 08°C - 10°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)	11.01.2025 and 12.01.2025	-
Dry	10.01.2025	10.01.2025, 11.01.2025 and 12.01.2025

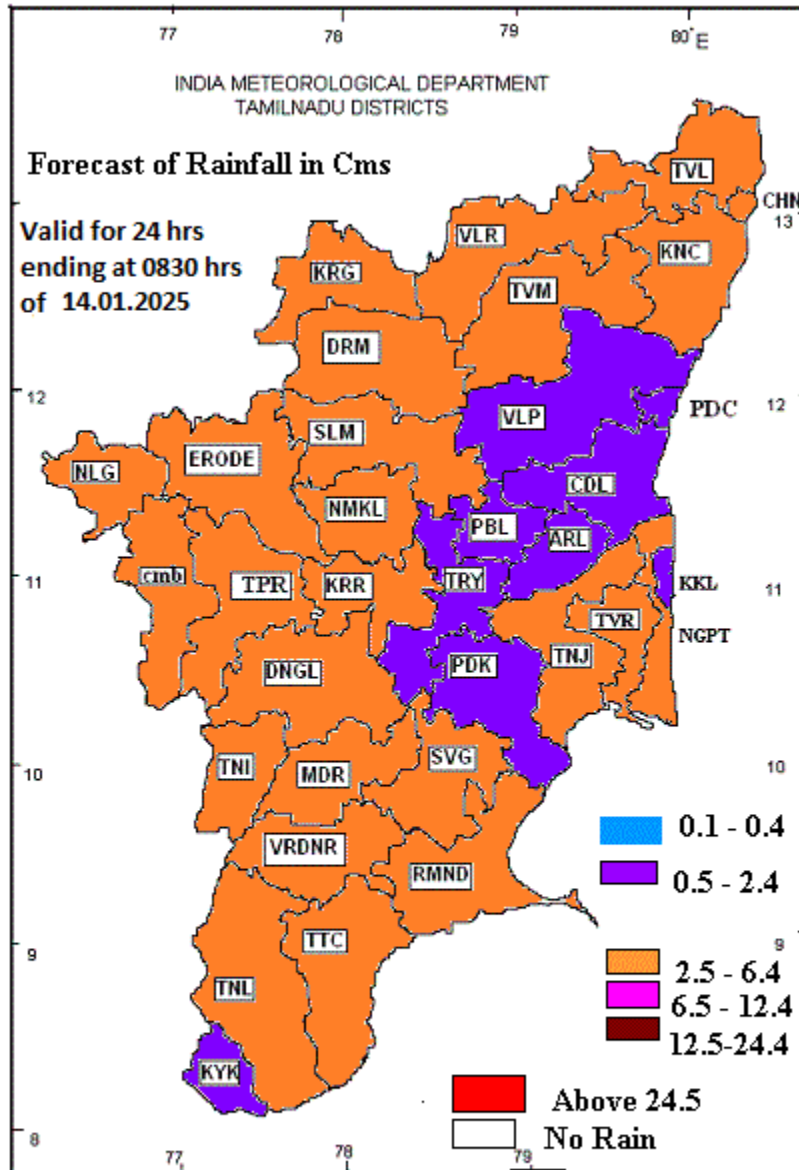
Chief Amounts of Rainfall (in cms):-

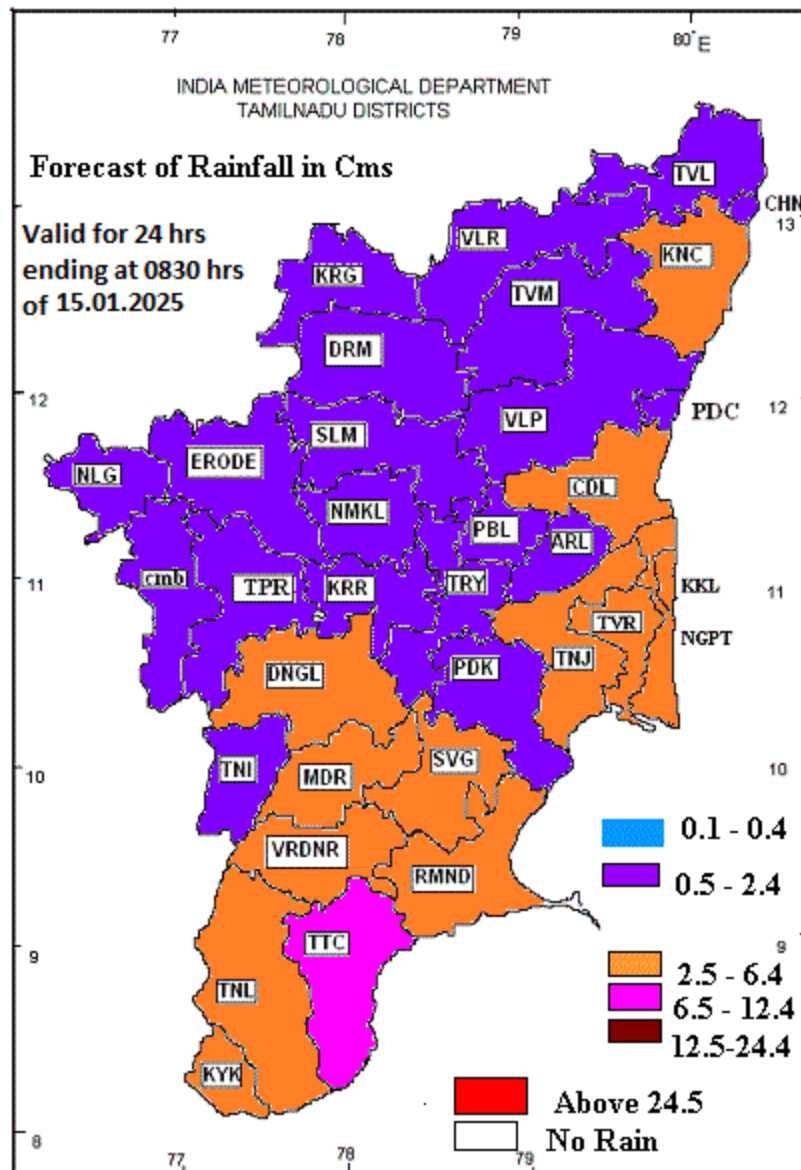
10.01.25: Nil

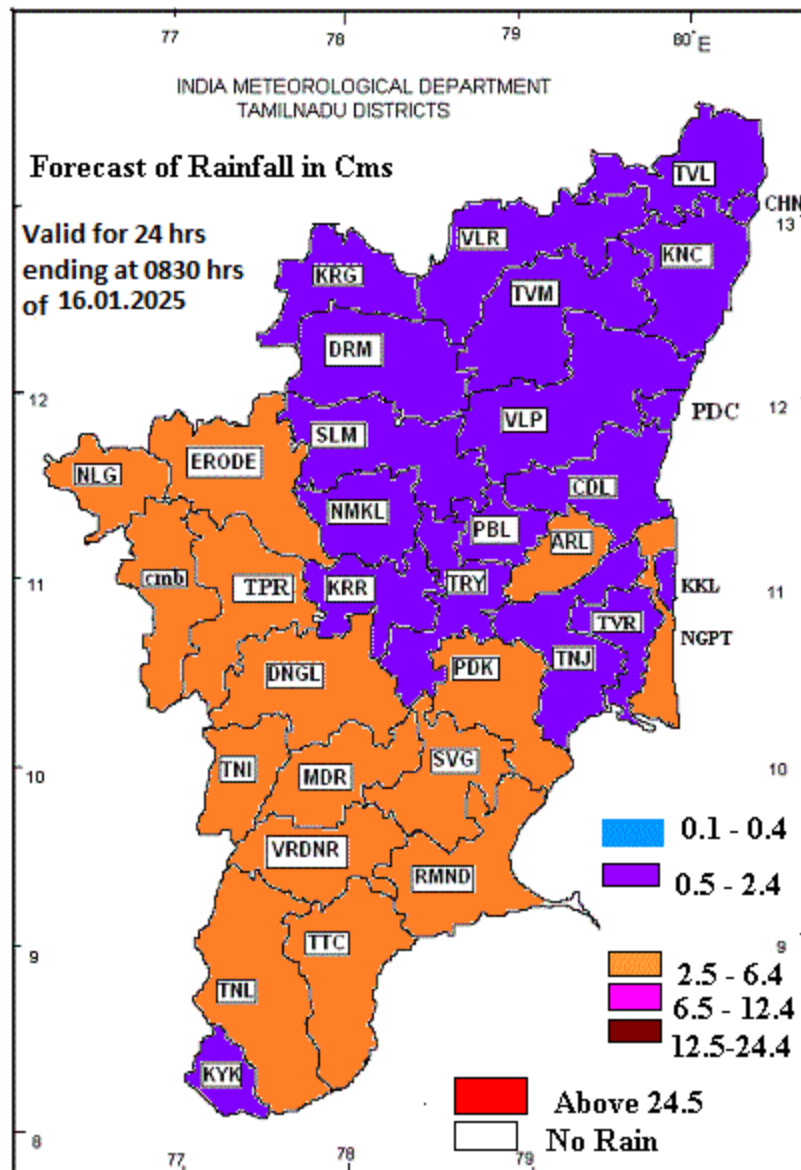
11.01.25: Oothu (dist Tirunelveli) , Nalumukku (dist Tirunelveli) 7 each, Kakkachi (dist Tirunelveli) 5, Manjolai (dist Tirunelveli) 3.

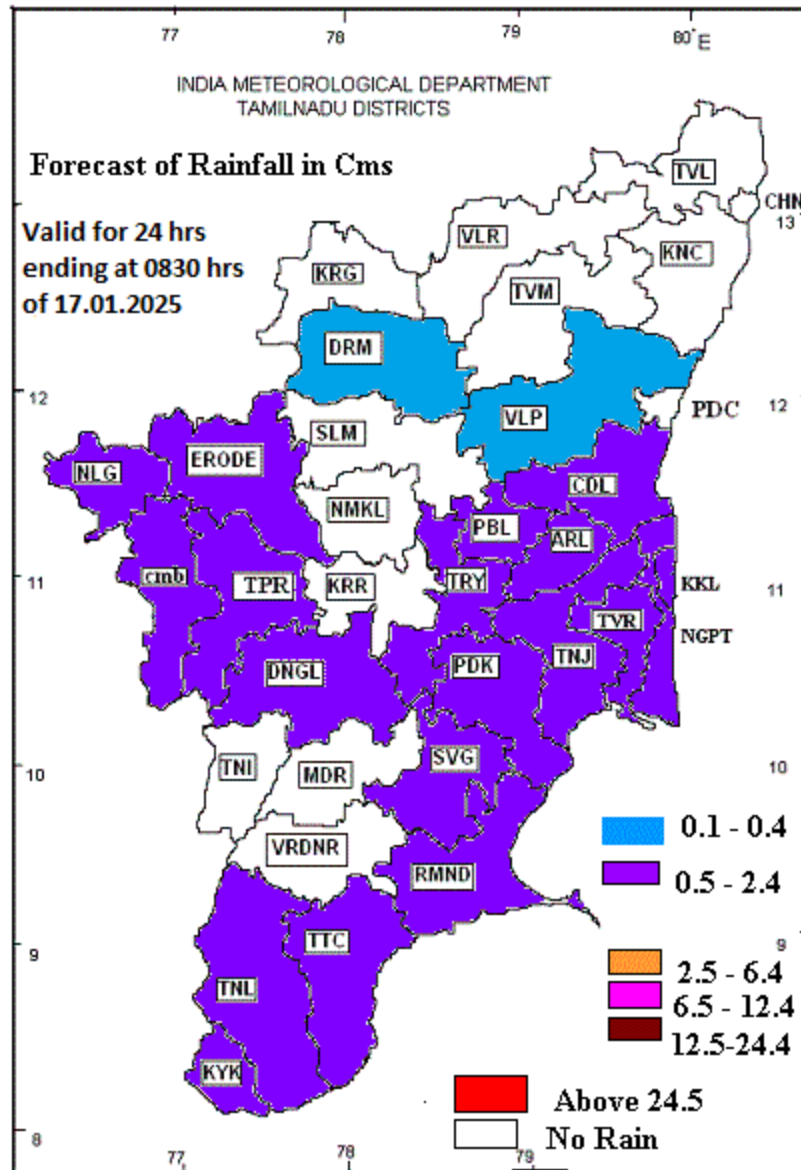
12.01.25: Adayamadai (dist Kanyakumari) 5, Thuckalay (dist Kanyakumari) 2.

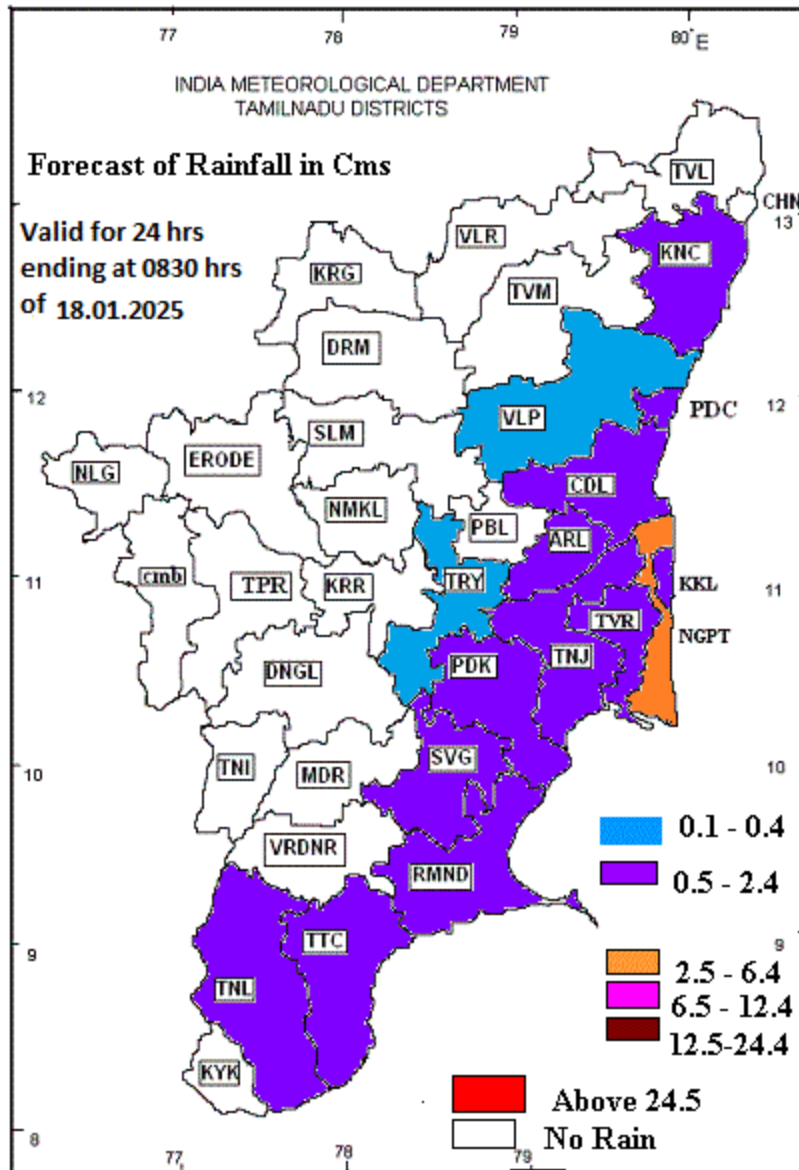
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 13.01.25
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

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

SMS Advisory:

(14.01.2025-18.01.2025) Light to moderate rain is likely to occur at one or two places over Tamil Nadu.

Livestock Advisory:

1. Livestock must be giving medicated bath to avoid ectoparasite infestation. Moreover, dipping must be done on a sunny day.
2. The surplus fodder available must be preserved as silage for summer feeding.
3. The livestock must be provided in clean wholesome drinking water
4. To prevent water stagnation proper drainage must be provided in livestock shelter.
5. Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.
6. Newly born piglets must be protected from cold drafts
7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.
8. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).
9. Add 5% shell grit in laying hens for optimum egg production.

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.

Due to prevailing weather conditions favorable, blast infection is found in paddy crop. To manage the blast, spray tricyclazole 75% WP 200 g/acre or carbendazim 50WP @ 200g/acre (or) azoxystrobin 25 SC @ 200 ml/acre at morning or evening time.

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:

Drain out excess water in groundnut field and resowing of same variety in cyclone affected fields.

In groundnut there are possibilities of stemrot infestation. For management farmers are advised to application of *Trichoderma viride* @2.5 kg/ha, mixed with 50 kg FYM.

Cotton:

Due to prevailing weather conditions, there are chances of cotton root rot infection. To control spot drench with carbendazim 1.0 g/l.

Cashew:

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyrifos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

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		Moderate to heavy rainfall for the next four days and the wind speed is expected to be around up to 12-14 kmph in Western zone districts.
Rice	Nursery, Flowering & Harvest	Considering the low temperature, spray Zinc Sulphate @ 0.5% + Urea1% to improve the growth of nursery seedlings of Navarai season. If bacterial blight symptoms occur dew to dew fall, spray streptomycin sulphate + Tetlacyclin combination @ 120 gram / acre. If blast incidence noticed spray Azoxystrobin 23% SC @ 1ml/lit. Considering the diurnal variation, Ear head bug may appear in samba rice. Dust with Methyl Parathion 2% dust @ 25kg/ha during the morning hours. If stemborer incidence noticed, spray chorantramli profile 18.50% SC 60ml/acre
Sorghum & Maize	Land preparation	Considering the favourable weather, land preparation may be done for Thai pattam (Jan) irrigated sorghum and maize sowing.
Groundnut		Sowing of irrigated groundnut may be taken up under irrigated condition. Treat the seeds with Thiram 75% WS @ 2 gram/kg of seed collar rot (or) <i>Trichoderma viride</i> @ 4g/kg of seed prevent color rot (or) <i>Trichoderma viride</i> @ 4g/kg of seed.
Sugarcane		Considering the favourable weather, land preparation and planting of early season sugarcane may be done.
Brinjal	sowing	Considering the best season for sowing of Brinjal in raised bed may be done after treating with <i>Trichoderma viride</i> @ 4gm / kg of seeds. Due to warm humid condition, there is a possibility for bacterial wilt. To control the bacterial wilt drench with <i>Bacillus Subtilis</i> Bb 5 @ 5ml / lit.
Tapioca		In the irrigated tapioca with optimum temperature and humidity <i>Cercospora</i> leaf spot is seen. Spray Mancozeb 2g/lit twice at 15 days interval.
Grapes		Pruning of grapes for summer crop is advised during this season. If downy mildew incidence noticed, spray Azoxystrobin 23SC @ 1ml/lit
Animal Husbandry		Provide adequate clean drinking water to avoid thirstiness in animals during cool winter. Present weather permits the prevalence of anthrax disease in cattle especially in the villages near the Western Ghats. Get vaccinated from nearby veterinary hospitals.

SMS advisory:

Considering the favourable weather, land preparation may be done for Thai pattam (Jan) irrigated sorghum and maize sowing.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Moderate to heavy rainfall for the next four days and the wind speed is expected to be around up to 12-14 kmph in Western zone districts.
Rice	Nursery, Flowering & Harvest	Considering the low temperature, spray Zinc Sulphate @ 0.5% + Urea1% to improve the growth of nursery seedlings of Navarai season. If bacterial blight symptoms occur dew to dew fall, spray streptomycin sulphate + Tetlacyclin combination @ 120 gram / acre. If blast incidence noticed spray Azoxystrobin 23% SC @ 1ml/lit. Considering the diurnal variation, Ear head bug may appear in samba rice. Dust with Methyl Parathion 2% dust @ 25kg/ha during the morning hours. If stemborer incidence noticed, spray choranthramli profile 18.50% SC 60ml/acre
Sorghum & Maize	Land preparation	Considering the favourable weather, land preparation may be done for Thai pattam (Jan) irrigated sorghum and maize sowing.
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Sugarcane		Considering the favourable weather, land preparation and planting of early season sugarcane may be done.
Brinjal	sowing	Considering the best season for sowing of Brinjal in raised bed may be done after treating with <i>Trichoderma viride</i> @ 4gm / kg of seeds. Due to warm humid condition, there is a possibility for bacterial wilt. To control the bacterial wilt drench with Bacillus Subtilis Bb 5 @ 5ml / lit.
Tapioca		In the irrigated tapioca with optimum temperature and humidity Cercospora leaf spot is seen. Spray Mancozeb 2g/lit twice at 15 days interval.
Animal Husbandry		Provide adequate clean drinking water to avoid thirstiness in animals during cool winter. Present weather permits the prevalence of anthrax disease in cattle especially in the villages near the Western Ghats. Get vaccinated from nearby veterinary hospitals.

SMS advisory:

Considering the favourable weather, land preparation may be done for Thai pattam (Jan) irrigated sorghum and maize sowing.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Moderate to heavy rainfall for the next four days and the wind speed is expected to be around up to 12-14 kmph in Western zone districts.
Rice	Nursery, Flowering & Harvest	Considering the low temperature, spray Zinc Sulphate @ 0.5% + Urea1% to improve the growth of nursery seedlings of Navarai season. If bacterial blight symptoms occur dew to dew fall, spray streptomycin sulphate + Tetlacyclin combination @ 120 gram / acre. If blast incidence noticed spray Azoxystrobin 23% SC @ 1ml/lit. Considering the diurnal variation, Ear head bug may appear in samba rice. Dust with Methyl Parathion 2% dust @ 25kg/ha during the morning hours. If stemborer incidence noticed, spray choranthramli profile 18.50% SC 60ml/acre
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Animal Husbandry		Provide adequate clean drinking water to avoid thirstiness in animals during cool winter. Present weather permits the prevalence of anthrax disease in cattle especially in the villages near the Western Ghats. Get vaccinated from nearby veterinary hospitals.

SMS advisory:

Considering the favourable weather, land preparation may be done for Thai pattam (Jan) irrigated sorghum and maize sowing.

Nilgiris

General Advisory:

Livestock Damage from thunderstorms with moderate to heavy rain. Cattle can become infected with monsoon diseases. i) Protect your animals from lightning and thunderstorm. ii) Do not allow the animals to graze outside. iii) Don't tie the animals to the electric poles and under trees. iv) In consultation with the local veterinarian, vaccinate your animals against seasonal diseases.

SMS Advisory:

i. Provide drainage facility. ii. Postpone the intercultural / plant protection activities such as fertilizer and pesticide application until the rain stops.

Horticulture Specific Advisory:

Horticulture (Stage)	Horticulture Specific Advisory
BANANA	Banana Poor drainage and monsoon rains can cause water logging in fields. i) Provide support to 5 months old trees using wooden poles. ii) Provide drainage facility and avoid fertilizer and pesticide application. iii) Removal and destruction of decaying and rotten leaves
BLACK PEPPER	Pepper Quick wilt disease can occur. 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.
POTATO	Potato crop can be affected by Late blight • 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.

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

Agro Advisory

General	Postpone irrigation, fertilizer and pesticide application to all crops. Provide adequate drainage facility to cropped fields wherever essential.
	Link the drainage channel with farm ponds towards efficient water drainage besides the rain water storage.

Rice		Drainage facilities should be increased in the waterlogged areas water should be drained out the crop does not get submerged. Nutrient management should also be done according to the stage of the crop.
	Harvest	The prevailing weather conditions, harvest the paddy crop before the rain.
Banana		Provide support with wooden poles to avoid lodging of tree due to rain and wind.
Cattle	Cow and Goat	Provide proper shedding facilities to the livestock in elevated places.

SMS advisory

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

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Horticultural crops	All stages	Application of fertilizers and spraying of chemicals should be avoided due to rain.
2.	Tapioca	All stages	Drainage facilities have to be provided to prevent water logging as it invites pathogens.
3.	Rubber	Tapping Stage	Fix a polythene rain guard to the trunk of the tree above the tapping panel so that tapping can be done during rainy season also.
4.	Pepper	Harvesting stage.	Harvest should be done by hand picking the whole spikes when few berries in the spike start turning red. The berries are separated and dipped in hot water (80oC) for one minute and sun dried for 7 to 10 days.
5.	Banana	Harvesting stage	Harvested banana bunches should be stored in dry places to prevent disease incidence due to rainfall.

SMS Advisory

Rubber and banana : As heavy winds are blown from the east direction in the fourth coming days, staking should be given to young rubber and banana plants.

Salem

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.
Agro advisory from KrishiVigyan Kendra, Namakkal		
Sugarcane	Planting stage	Farmers are requested to apply 20 kg sugarcane micronutrient mixture along with 200 kg of farmyard manure in ratoon sugarcane per acre.
Tapioca	Vegetative stage	Tapioca farmers are requested to give foliar spraying with zinc sulphate + iron sulphate (5 gram and 10 gram / litre) in 200 litres of water / acre twice @ 60 and 90 days after planting.
Small onion	Vegetative stage	The transplanted small onion crop may express tip drying due to prevalence of dew drops in the morning hours. Hence the small onion growers are advised to follow pairing the coir rope over the onion crop during early morning by two labours for two days in a week. This technology prevents the deposition of dew drops in the tip of the onion leaf sheath.
Banana	Planting stage	Farmers are requested to sow cowpea as intercrop in between the rows of banana to control the weeds and conserve the moisture while planting the banana.
Crops	Vegetative stage	Farmers are requested to give foliar spraying with nano urea as per the recommendation given in the bottle for all crops during critical growth stages in order to meet out the nutrient demand.

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

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Dharmapuri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
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Krishnagiri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
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Agro advisory from KrishiVigyan Kendra, Namakkal

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