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राष्ट्र सेवा के 150 वर्ष

तमिलनाडु के लिए राज्य स्तरीय समग्र कृषि-मौसम परामर्श बुलेटिन



State Composite Agro-meteorological Advisory Bulletin for Tamil Nadu and Puducherry Bulletin No. 069/2024

For the period 0830 IST, 27th August 2024 to

0830 IST, 01st September 2024

Issued on Tuesday, 27th August 2024

Issued by

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

Agro climatic zones of the state

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

Past Weather Summary for the period 23.08.24 to 26.08.24 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 30°C – 38°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 17°C – 22°C during the period.

Minimum temperature of range 23°C - 29°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 11°C – 14°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Tamil Nadu	Puducherry
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	--	--
Isolated (One or Two Places)	23.08.24 to 26.08.24	--
Dry	--	23.08.24 to 26.08.24

Chief Amounts of Rainfall (in cms):-

23.08.24 : Nil

24.08.24 : Sathiar (dist Madurai) 3, Manapparai (dist Thiruchirappalli) 2, Chittar-I (dist Kanniyakumari), Ponnaniyar Dam (dist Thiruchirappalli) 1 each.

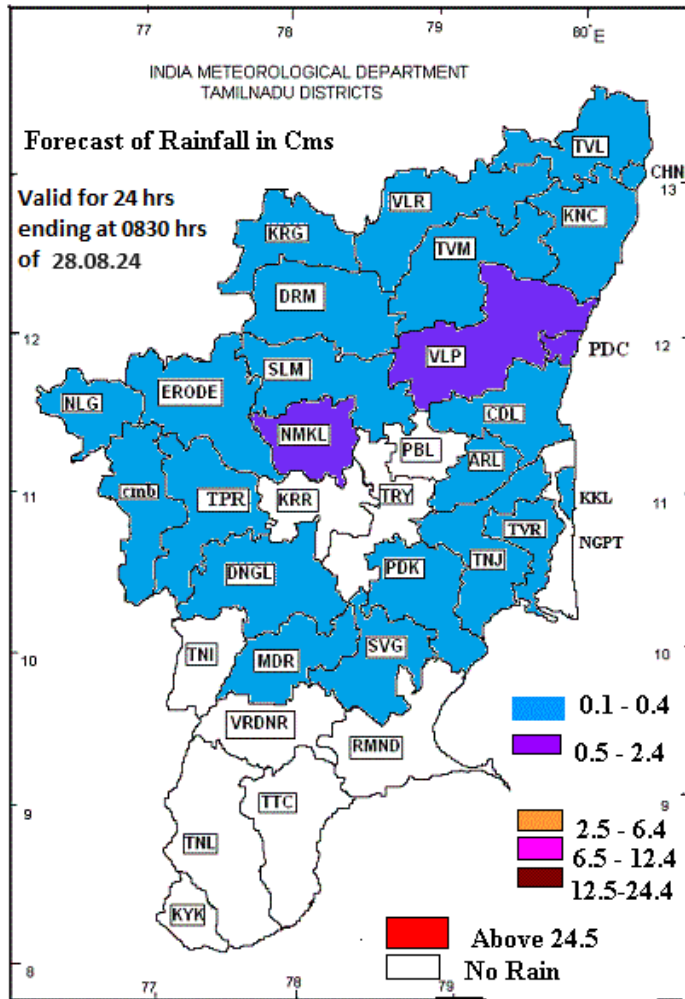
25.08.24 : Barwood (dist The Nilgiris), Chinnakalar (dist Coimbatore) 3 each; Valparai PAP (dist Coimbatore), Valparai PTO (dist Coimbatore), Cincona (dist Coimbatore), UpasiTRF AWS (dist Coimbatore), Valparai Taluk Office (dist Coimbatore) 2 each; Siruvani Adivaram (dist Coimbatore), Oddanchatram (dist Dindigul), Naduvattam (dist The Nilgiris), Harur (dist Dharmapuri), Upper Bhavani (dist The Nilgiris), Devala (dist The Nilgiris), Gudalur Bazar (dist The Nilgiris) 1 each.

26.08.24 : Taluk Office Pandalur (dist The Nilgiris) 7, Devala (dist The Nilgiris), Wood Braiyar Estate (dist The Nilgiris) 3 each, Gudalur Bazar (dist The Nilgiris), Vint Worth Estate (dist The Nilgiris), Upper Gudalur (dist The Nilgiris), KRP Dam (dist Krishnagiri), Siruvani Adivaram (dist Coimbatore) 1 each.

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 27.08.24
VALID FOR THE NEXT 5 DAYS**

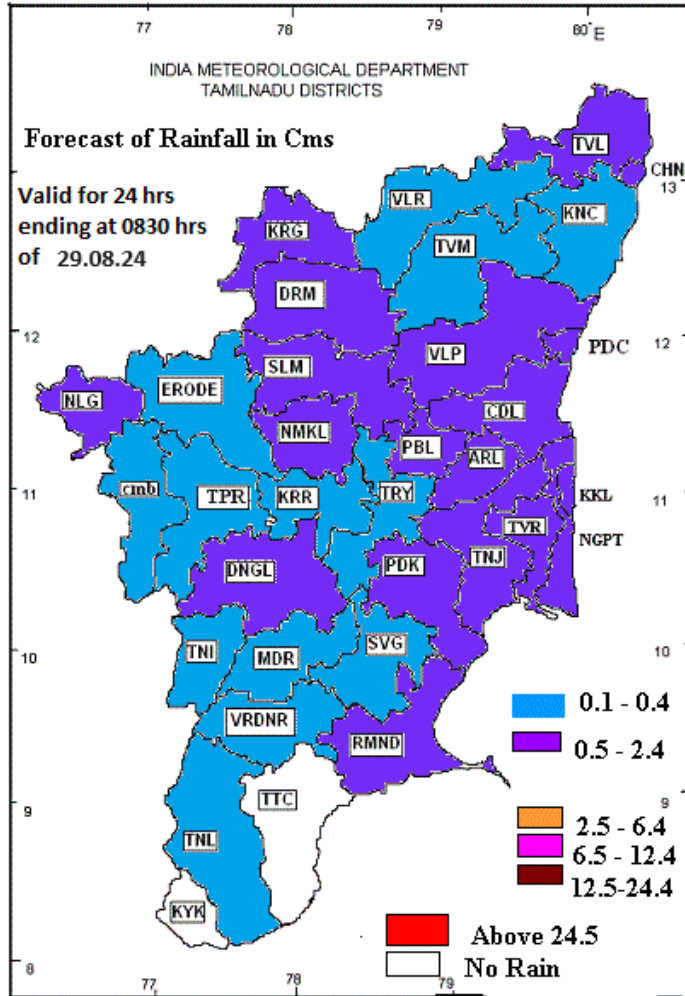


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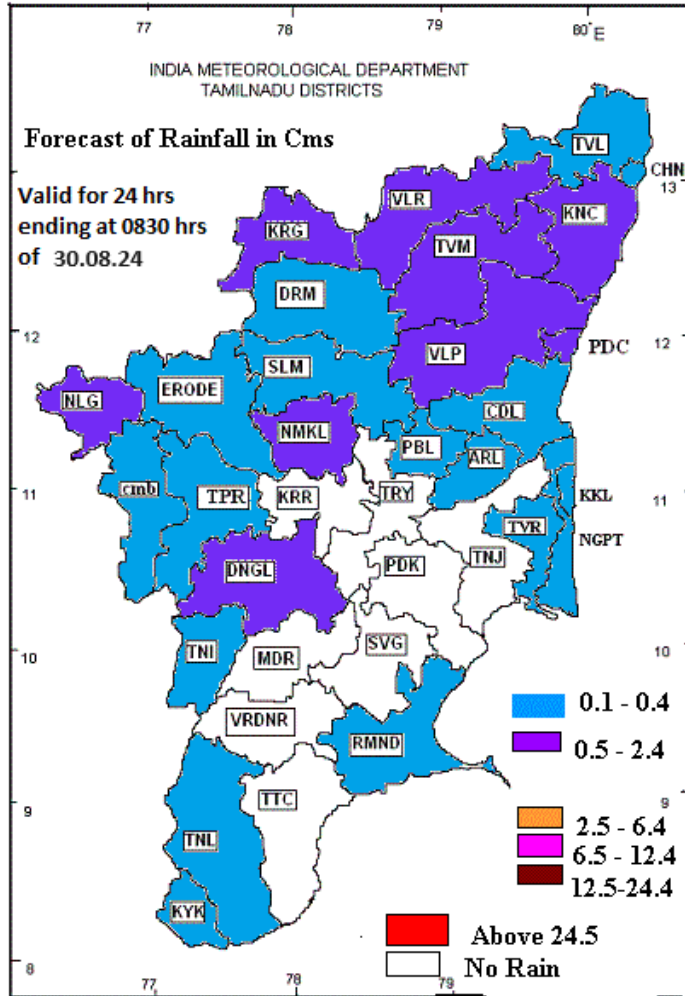


INDIA METEOROLOGICAL DEPARTMENT
REGIONAL METEOROLOGICAL CENTRE, CHENNAI



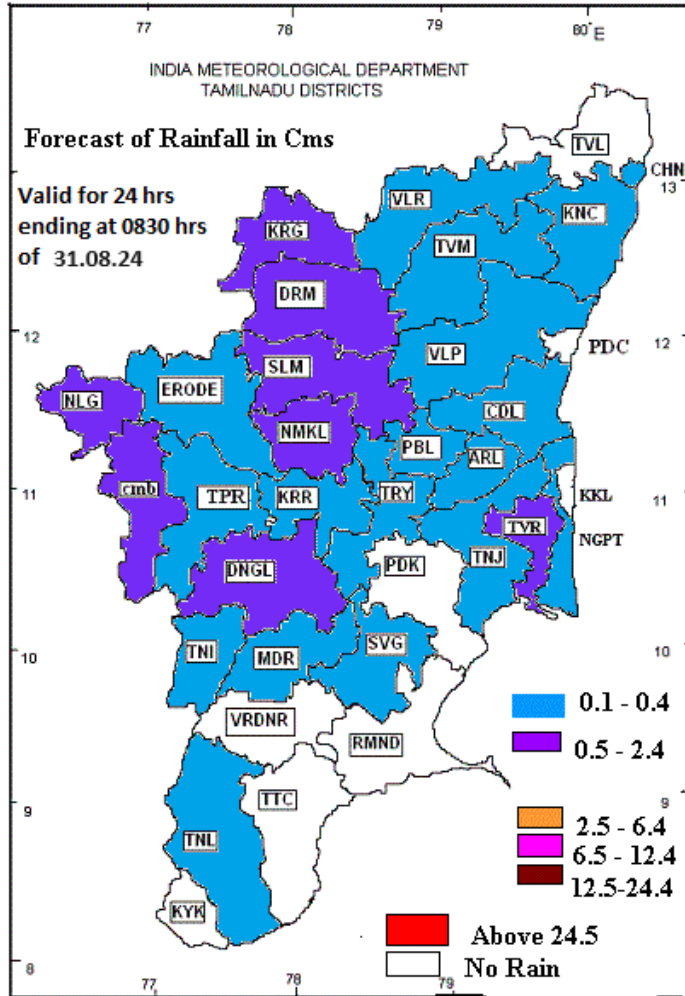


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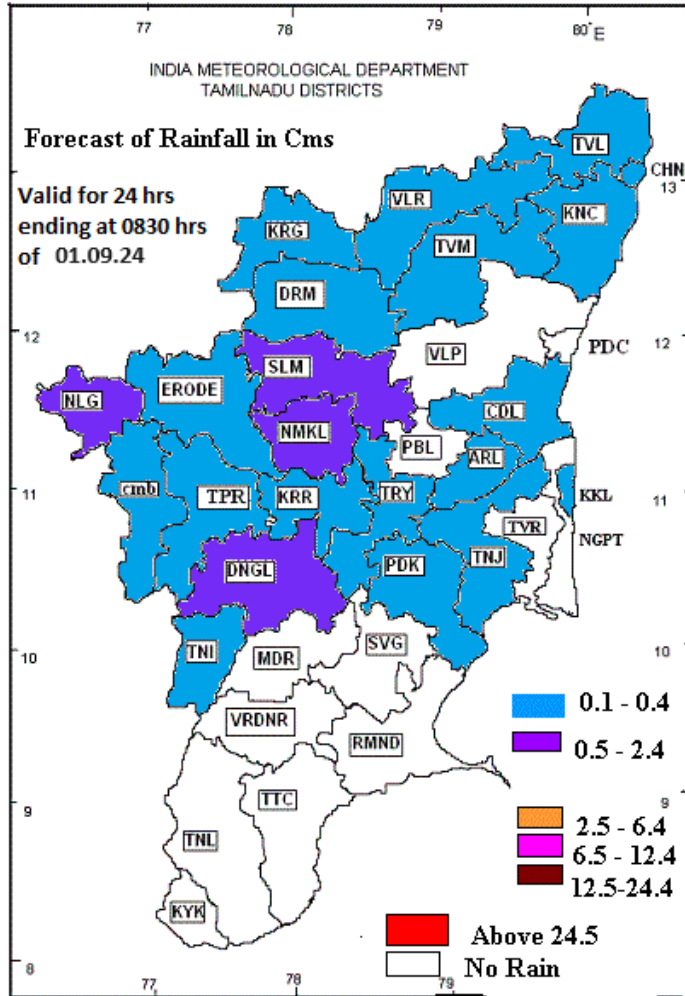


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District-wise Agromet Advisories

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

SMS Advisory:

(28.08.2024-01.09.2024) Light to moderate rain is likely to occur at isolated places over Tamilnadu.

Livestock Advisory:

1. To prevent water stagnation proper drainage must be provided in livestock shelter
2. The livestock must not be allowed to stand in stagnated water to prevent foot rot
3. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
4. The livestock must be provided with clean wholesome drinking water all round the clock.
5. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation.
6. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitry must be maintained damp free.
7. To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
8. New born calves should be protected from rain
9. The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)

Agricultural advisory

Rice:

Leaf folder incidence was observed in rice field. The symptom of damage shows the leaves fold longitudinally, scrapes the green tissues of the leaves, which later becomes white and dry and severe infestation the whole field exhibits scorched appearance. To control this, apply fipronil 80% WG 20-25 g/acre or spray NSKE 5% or Azadirachtin 0.03% 400ml/acre.

Prevailing weather condition is favorable for bacterial leaf blight infection in rice crop. White colour streaks appear leaf and it turns brown in colour and dried. To control spray copper hydroxide @ 300 g/ac. Due to prevailing weather condition brown plant leafhopper infestation is found in paddy crop. Symptoms Nymphs and adults congregate at the base of the plant above the water level. Affected plant dries up and gives a scorched appearance called "hopper burn". Circular patches of drying and lodging of matured plant. To control spray carbosulfan 400 ml/ac + imidacloprid 40 ml/ac or pymetrozine 120 g/ac with wetting agent. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

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

Sugarcane:

Crown mealy bug and pokkahboeng disease of sugarcane observed in field. Symptoms are stunted growth, terminal shoot drying, yellowing of leaf and weakening of cane. To control follow integrated management practices.

Sett treatment - carbendazim 50 WP @ 2 g/lit for 30 min & imidacloprid 70 WS @ 1.5 ml/lit. for 5 min before planting, Monitor ant movement in the border rows at regular intervals, Prophylactic measure - in endemic area, field borders (3 rows) spray imidacloprid 17.8 SL @ 3 ml/10 lit (or) chlorantraniliprole

18.5 SC 4 ml /10 lit (or) clothianidin 50 WDG @ 5g/10 lit (or) spirotetramet 150 OD @ 12.5 ml/10 lit (or) Flonicamid 50% WG @ 3 g/10 lit. If infestation crosses ETL (10%), the insecticide application should be repeated at 20 days interval with rotation of above insecticides. Before spraying ensure de-trashing and it should be done at 5 months after planting. If Pokkahboeng noticed, spray carbendazim 50 WP @ 2 g/lit or propiconazole 25 EC@ 2 ml/lit + sticking agent @ 1 ml/lit 3 times at 20 days interval. Spray should be directed towards central whorl for better control Ratoon cropping should be discouraged after two ratooning in the endemic areas

Groundnut:

Apply gypsum 160kg/acre at 40-75 days after sowing. It increases pod formation and better filling of pods in groundnut.

There are possibilities of early leaf spot infestation in ground nut crop. For management farmers are advised to apply Chlorothalonil @ 400 g/acre.

Maize:

Maize growing farmers the fall army worm infection apply neem cake @ 250 kg/ha (farmer contribution) Seed treatment with cyantraniliprole 19.8% + thiamethoxam 19.8 FS @ 4.0 ml/kg seed Border cropping with gingelly or cowpea or sorghum Installation of pheromone traps @ 12 nos./ha Spraying of chlorantraniliprole 18.5 SC @ 0.4 ml/l (or) flubendiamide 20 WG (0.5 g/l) at 15-20 days of emergence (DAE) Application of ememectin benzoate 5 SG (0.4 g/l) or spinetoram 11.7 SC (0.5 ml/l) at 35-40 DAE at late whorl stage and 60 DAE

Coconut:

To control red palm weevil in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown. To control rhinoceros beetle, setupRhino lure pheromone trap @ 2 traps/acre.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Drizzling or light rainfall is expected for the next five days and the wind speed is expected around 8 – 24 kmph in Western zone districts. Schedule the irrigation based on soil moisture.
Rice	Vegetative	Due to anticipated light drizzling and high cloud cover, top dressing of nitrogen through soil application will not be effective. Hence spray 1% urea in rice at maximum tillering stage. Soil application of Cartap hydrochloride 0.4% granules @ 8 kg /acre + 30kg sand to control stemborer and leaf folders.
Fodder sorghum	Sowing	By utilizing rainfall, fodder sorghum or cowpea may be sown under rainfed lands
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging. If crown mealy bug incidence noticed, spray Imidacloprid 17.8% SL @ 0.3ml / lit + Propiconazole 25SC @ 1 ml / lit with wetting agent @ 1ml / lit to control Pokkoh Boeng disease. To support the better growth. Spray Sugarcane booster @ 1kg, 1.5 kg and 2 kg at 40,60,75 DAP respectively.
Cotton	sowing	Considering the prevailing congenial weather, complete the sowing for irrigated cotton before August.

Banana		Considering the high wind speed above 10 kmph, provide supports to the banana of more than five months old to prevent from lodging. Spray Propiconazole @ 1ml/lit to prevent sigatoka leaf spot.
Turmeric		In 60 days old turmeric, apply second topdressing with 50 kg of urea and 30kg of muriate of potash. Leaf spot disease spread vigorously in turmeric belt due to wind speed of 10km/hr, high relative humidity and rainfall. Spray mancozeb 2 gm/liter.
Animal Husbandry		Considering the prevailing hot and windy weather, provide enough clean drinking water to the animals.

SMS advisory:

Due to light drizzling and high cloud cover, soil application of N will not be effective. Hence foliar spray with 1% urea in rice at maximum tillering stage.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Drizzling or light rainfall is expected for the next five days and the wind speed is expected around 8 – 24 kmph in Western zone districts. Schedule the irrigation based on soil moisture.
Rice	Vegetative	Due to anticipated light drizzling and high cloud cover, top dressing of nitrogen through soil application will not be effective. Hence spray 1% urea in rice at maximum tillering stage. Soil application of Cartap hydrochloride 0.4% granules @ 8 kg /acre + 30kg sand to control stemborer and leaf folders.
Fodder sorghum	Sowing	By utilizing rainfall, fodder sorghum or cowpea may be sown under rainfed lands
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging. If crown mealy bug incidence noticed, spray Imidacloprid 17.8% SL @ 0.3ml / lit + Propiconazole 25SC @ 1 ml / lit with wetting agent @ 1ml / lit to control Pokkoh Boeng disease. To support the better growth. Spray Sugarcane booster @ 1kg, 1.5 kg and 2 kg at 40,60,75 DAP respectively.
Banana		Considering the high wind speed above 24 kmph, provide supports to the banana of more than five months old to prevent from lodging. Spray Propiconazole @ 1ml/lit to prevent sigatoka leaf spot.
Turmeric		In 60 days old turmeric, apply second topdressing with 50 kg of urea and 30kg of muriate of potash. Leaf spot disease spread vigorously in turmeric belt due to wind speed of 24km/hr, high relative humidity and rainfall. Spray mancozeb 2 gm/liter.
Animal Husbandry		Considering the prevailing hot and windy weather, provide enough clean drinking water to the animals.

SMS advisory:

Due to light drizzling and high cloud cover, soil application of N will not be effective. Hence foliar spray with 1% urea in rice at maximum tillering stage.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Drizzling or light rainfall is expected for the next five days and the wind speed is expected around 8 – 24 kmph in Western zone districts. Schedule the irrigation based on soil moisture.
Fodder sorghum	Sowing	By utilizing rainfall, fodder sorghum or cowpea may be sown under rainfed lands
Sugarcane	Vegetative	Considering the high wind speed with light rainfall provide propping to the sugarcane by tying opposite row to prevent from lodging. If crown mealy bug incidence noticed, spray Imidacloprid 17.8% SL @ 0.3ml / lit + Propiconazole 25SC @ 1 ml / lit with wetting agent @ 1ml / lit to control Pokkoh Boeng disease. To support the better growth. Spray Sugarcane booster @ 1kg, 1.5 kg and 2 kg at 40,60,75 DAP respectively.
Cotton	sowing	Considering the prevailing congenial weather, complete the sowing for irrigated cotton before August.
Banana		Considering the high wind speed above 24 kmph, provide supports to the banana of more than five months old to prevent from lodging. Spray Propiconazole @ 1ml/lit to prevent sigatoka leaf spot.
Animal Husbandry		Considering the prevailing hot and windy weather, provide enough clean drinking water to the animals.

SMS advisory:

Due to light drizzling and high cloud cover, soil application of N will not be effective. Hence foliar spray with 1% urea in rice at maximum tillering stage.

Nilgiris

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.

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

Horticulture (Stage)	Horticulture Specific Advisory
BEETROOT (Vegetative)	To manage cercospora leaf spot in beetroot crop: • Removal and destruction of affected plants and practicing crop rotation are beneficial in controlling the disease. • Spraying with Copper oxychloride (0.3 %) thrice at an interval of 15 days controls the disease effectively is spray may be given during rain free period.
BITTER GOURD (Vegetative)	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/litre of water using hand sprayer during the rain free period.
TEA (Vegetative)	Management of blister blight disease 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

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

Agro Advisory

Crop	Stage	Advisory
General		Farmers are advised to provide adequate drainage facilities to all crops due to light rainfall forecast.
		Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI).
Rice	Nursery	Considering favourable weather, prepare nursery for samba crop and make sowing.
	Main field	By utilizing weather condition land can be prepared for samba rice cultivation before rain.
Banana		Provide support with wooden poles to avoid lodging of tree due to wind.
Cattle	Cow	Since the onset of rainy season may attract mosquitoes breeding, farmers are advised to give Notchi leaves fumigation in dairy barn. Insect population has detrimental effect on milk quality.

SMS advisory

By utilizing weather condition land can be prepared for samba rice cultivation before rain.

Dindigul

SMS Advisory	Chances of light rain during 28, 29, 30 Aug, 1 Sep & Moderate rain 31Aug. Maximum temperature would be in the range of 37°C to 39°C and the minimum temperature would be between 23°C - 26°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10 – 14 Kmph from, Northwest & West directions.
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General Advisory:

Agriculture:

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.

Livestock:

Light to Moderate rain with thunderstorm & lightning is likely to occur at isolated places over the district during 28, 29 & 30 August 2024. Farmers are advised to take precautionary measures while grazing/ Shering the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock.

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

Bhendi:

The incidence of Semi looper noticed in Bhendi. Caterpillar fed on the leaves, Defoliation of leaves is the symptom of damage.

To control, spray Phosalone 35 EC @ 2ml/litre of water.

Spraying should be done during non-rainy days.

Maize:

The application of micronutrients will rectify the nutrient deficiency in Maize Cultivation. Farmers who have planted maize recently can apply 5kg of Millet nutrient mixture or 10 Kg of ZnSo₄/acre.

Also, apply Farm Yard Manure along with 2kgs of Azospirillum and 2kgs of Phosphobacteria per acre.

Plant protection activities should be done, only on non-rainy days.

Animal Husbandry:

Despite the fact that green fodder is abundantly available during the rainy season and also there are more chances for consumption of green fodder by cattle.

This is due to the fact that an increase in consumption of green fodder can lead to the occurrence of green diarrhoea and a problem of Acidosis.

Ensure that the fodder given to animals is mixed with larger quantities of dry fodder at this time.

Madurai

SMS Advisory	Chances of very light rain during 28, 29 & 31 Aug. Maximum temperature would be in the range of 37°C to 39°C and the minimum temperature would be between 23°C - 26°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 6 – 12 Kmph from, Northwest, Southwest & West directions.
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General Advisory:

Agriculture:

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.

Livestock:

Light to Moderate rain with thunderstorm & lightning is likely to occur at isolated places over the district during 28, 29 & 30 August 2024. Farmers are advised to take precautionary measures while grazing/ Shering the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock.

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

Paddy:

The incense of Bacterial Leaf Blight may be noticed in the paddy during the 3rd to 4th week of planting. The symptoms are seedling wilt. Lesions turn yellow to white as the disease advances.

To avoid this, treat the seeds with the bio-input *Pseudomonas* mixed with rice gruel.

Spray any one of the following, (starting from the initial appearance of the disease and another one at a fortnight interval) Neem oil 60 EC @ 3% (or) NSKE @ 5% (or) fresh cow dung extract @ 20% twice to control the sheath rot, sheath blight, grain discolouration and bacterial blight.

Plant protection activities can be done, only on non-rainy days.

Crossandra:

The infestation of the nematode was noticed in Crossandra floral crop.

The symptoms are stunted patches in the field, yellowing with puckering symptoms, internodal length reduced to give a rosette appearance, and lesions on the secondary and tertiary roots.

To control, apply *Paecilomyces Lilacinus* W.P @ 2kg/acre, apply FYM @ 12 ½ tonne/ha and apply neem cake @ 500 kg/ha.

Animal Husbandry:

Despite the fact that green fodder is abundantly available during the rainy season and also there are more chances for consumption of green fodder by cattle.

This is due to the fact that an increase in consumption of green fodder can lead to the occurrence of green diarrhoea and a problem of Acidosis.

Ensure that the fodder given to animals is mixed with larger quantities of dry fodder at this time.

Pudukottai

SMS Advisory	Chances of light rain on 28 & 29 Aug. Maximum temperature would be in the range of 37°C to 38°C and the minimum temperature would be between 26°C - 27°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 10 – 12 Kmph from, Southwest & West directions.
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General Advisory:

Agriculture:

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.

Wind with the speed of 10 to 12 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Livestock:

Light to Moderate rain with thunderstorm & lightning is likely to occur at isolated places over the district during 28, 29 & 30 August 2024. Farmers are advised to take precautionary measures while grazing/ herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock

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

Black gram:

A foliar spray of 1% urea may give better results for improved yield in black gram.

A foliar spray of 1% urea on 30th and 45th day after sowing.

Or foliar spray of 2% DAP can be given to the Blackgram crop.

Onion:

The incense of Basal Rot is expected, in Onions. The leaves turn yellow and then dry up slowly. The affected plant shows drying of the leaf tip downwards.

The entire plant shows complete drying of the foliage. The bulb of the affected plant shows soft rotting and the roots get rotted. There will be a whitish mouldy growth on the scale.

Growers must follow crop rotation.

At the initial stage of the disease, spray 40gm of Trichoderma Viride per tank.

During the severe stage of the disease, spray 30gm Copper oxychloride with 10 litres of water.

Animal Husbandry:

Despite the fact that green fodder is abundantly available during the rainy season and also there are more chances for consumption of green fodder by cattle.

This is due to the fact that an increase in consumption of green fodder can lead to the occurrence of green diarrhoea and a problem of Acidosis.

Ensure that the fodder given to animals is mixed with larger quantities of dry fodder at this time.

Ramanathapuram

SMS Advisory	Chances of light rain on 29 Aug. Maximum temperature would be in the range of 38°C to 39°C and the minimum temperature would be between 24°C - 25°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 18 – 28 Kmph from, Southwest direction.
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General Advisory:

Agriculture:

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.

Wind with the speed of 18 to 28 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Livestock:

Light to Moderate rain with thunderstorm & lightning is likely to occur at isolated places over the district during 28, 29 & 30 August 2024. Farmers are advised to take precautionary measures while grazing/ herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock

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

Chilly:

Seed treatment is very important in Chilly crop.

Treat the seeds with Trichoderma viride @ 10gm per kg and Pseudomonas fluorescens @ 10gm per kg and sow in lines spaced at 10cm in raised nursery beds and cover with sand.

Coconut:

Kind attention to coconut farmers. Button shedding is noticed in coconut fields.

To control button shedding, farmers are advised to go with the root feeding of Coconut Tonic of TNAU @ 200ml/Tree.

This can be repeated/continued at 6 monthly intervals.

Animal Husbandry:

Despite the fact that green fodder is abundantly available during the rainy season and also there are more chances for consumption of green fodder by cattle.

This is due to the fact that an increase in consumption of green fodder can lead to the occurrence of green diarrhoea and a problem of Acidosis.

Ensure that the fodder given to animals is mixed with larger quantities of dry fodder at this time.

Sivagangai

SMS Advisory	Chances of light rain on 29 & 31 Aug. Maximum temperature would be in the range of 37°C to 39°C and the minimum temperature would be between 23°C - 26°C. Cloudy sky will appear for the next five days. Wind is expected with the speed of 10 – 16 Kmph from, Southeast, Southwest & West directions.
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General Advisory:

Agriculture:

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.

Wind with the speed of 10 to 16 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

Livestock:

Light to Moderate rain with thunderstorm & lightning is likely to occur at isolated places over the district during 28, 29 & 30 August 2024. Farmers are advised to take precautionary measures while grazing/ herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock

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

Banana:

The incidence of pseudo stem borer is expected in Banana. The symptom of damage appears in the stem.

Grub bores into the pseudo stem making tunnels, tunnelled part decomposes and a blackened mass comes out from the bore hole.

To control, spray Chlorantraniliprole @ 10ml + Sticky agent 10ml with 10 litres of water.

Brinjal:

Farmers are advised to monitor the whitefly in the Brinjal field.

To manage this, fix the yellow sticky trap at 5 Nos. per acre.

And Spray the mixture of 3ml Neem oil with 1ml Teepol (Sticky agent) per litre of water.

Animal Husbandry:

Despite the fact that green fodder is abundantly available during the rainy season and also there are more chances for consumption of green fodder by cattle.

This is due to the fact that an increase in consumption of green fodder can lead to the occurrence of green diarrhoea and a problem of Acidosis.

Ensure that the fodder given to animals is mixed with larger quantities of dry fodder at this time.

Theni

SMS Advisory	Chances of very light rain during 29, 30, 31 Aug & 1 Sep. Maximum temperature would be in the range of 32°C to 33°C and the minimum temperature would be between 21°C - 23°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 12 – 14 Kmph from, West direction.
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General Advisory:

Agriculture:

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.

Livestock:

Light to Moderate rain with thunderstorm & lightning is likely to occur at isolated places over the district during 28, 29 & 30 August 2024. Farmers are advised to take precautionary measures while grazing/ Sherding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock.

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

Papaya:

The Stem rot / Foot rot is expected in papaya growing areas.

For the management of the disease, the farmers are advised to take up soil drenching around the plants with Copper Oxylchloride @ 2.5g/litre.

Maintain the field with proper drainage facility.”

Chilly:

Application of Micronutrients to vegetable crops may give good results.

Farmers are advised to apply micronutrients to vegetable crops through fertigation or foliar spray during the flowering to the fruiting stage.

Animal Husbandry:

Despite the fact that green fodder is abundantly available during the rainy season and also there are more chances for consumption of green fodder by cattle.

This is due to the fact that an increase in consumption of green fodder can lead to the occurrence of green diarrhoea and a problem of Acidosis.

Ensure that the fodder given to animals is mixed with larger quantities of dry fodder at this time.

Salem

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	In the recent days, there has been a rainy day followed by shine days in a week, this prevailing temperature and relative humidity is found to be an ideal condition for fly breeding. This has led to a high fly population in poultry farms. A simple technique is commonly practiced to monitor fly population is spot card, which helps to take decision on fly control measures at an appropriate time. A white paper of size 5 x 3 inch mounted on a cardboard with pin and keep 5 – 10 spot cards / shed for 24 hour. After 24 hour, cards are collected and fly specks (spots) (faecal and vomit drops) can be counted to arrive approximate number of flies. If the fly spots are above 100, necessary control measures have to be taken. To control fly menace, the farm premises should be maintained hygienically through replacement of faulty nipples, proper disposal of dead birds and broken eggs. If fly intensity is high the birds should be fed with Insect Growth Regulators mixed feed.
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Paddy	Transplanting period	Paddy growing farmers are requested to apply 5 kg zinc solubilising bacteria and 10 kg zinc sulphate as basal dose. Also, give 5 – 10 days interval between the application of bacteria and zinc sulphate fertilizers. Don't apply both the sources together.
Maize	Vegetative stage	Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide to control maize fall army worm pest during initial stage of the crop.
Jasmine	Flowering stage	To increase the flowering in jasmine give foliar spraying with panchakavya @ 3% + Humic acid @ 0.4 % at one month interval. Also give foliar spraying with iron sulphate @ 0.5 % and zinc sulphate @ 0.5 % at one month interval.
Crops	General	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
Poultry	General	<p>In the recent days, there has been a rainy day followed by shine days in a week, this prevailing temperature and relative humidity is found to be an ideal condition for fly breeding. This has led to a high fly population in poultry farms. A simple technique is commonly practiced to monitor fly population is spot card, which helps to take decision on fly control measures at an appropriate time. A white paper of size 5 x 3 inch mounted on a cardboard with pin and keep 5 – 10 spot cards / shed for 24 hour. After 24 hour, cards are collected and fly specks (spots) (faecal and vomit drops) can be counted to arrive approximate number of flies.</p> <p>If the fly spots are above 100, necessary control measures have to be taken. To control fly menace, the farm premises should be maintained hygienically through replacement of faulty nipples, proper disposal of dead birds and broken eggs. If fly intensity is high the birds should be fed with Insect Growth Regulators mixed feed.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Paddy	Transplanting period	Paddy growing farmers are requested to apply 5 kg zinc solubilising bacteria and 10 kg zinc sulphate as basal dose. Also, give 5 – 10 days interval between the application of bacteria and zinc sulphate fertilizers. Don't apply both the sources together.
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Jasmine	Flowering stage	To increase the flowering in jasmine give foliar spraying with panchakavya @ 3% + Humic acid @ 0.4 % at one month interval. Also give foliar spraying with iron sulphate @ 0.5 % and zinc sulphate @ 0.5 % at one month interval.
Crops	General	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.

Dharmapuri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	<p>In the recent days, there has been a rainy day followed by shine days in a week, this prevailing temperature and relative humidity is found to be an ideal condition for fly breeding. This has led to a high fly population in poultry farms. A simple technique is commonly practiced to monitor fly population is spot card, which helps to take decision on fly control measures at an appropriate time. A white paper of size 5 x 3 inch mounted on a cardboard with pin and keep 5 – 10 spot cards / shed for 24 hour. After 24 hour, cards are collected and fly specks (spots) (faecal and vomit drops) can be counted to arrive approximate number of flies.</p>

		If the fly spots are above 100, necessary control measures have to be taken. To control fly menace, the farm premises should be maintained hygienically through replacement of faulty nipples, proper disposal of dead birds and broken eggs. If fly intensity is high the birds should be fed with Insect Growth Regulators mixed feed.
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Paddy	Transplanting period	Paddy growing farmers are requested to apply 5 kg zinc solubilising bacteria and 10 kg zinc sulphate as basal dose. Also, give 5 – 10 days interval between the application of bacteria and zinc sulphate fertilizers. Don't apply both the sources together.
Maize	Vegetative stage	Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide to control maize fall army worm pest during initial stage of the crop.
Jasmine	Flowering stage	To increase the flowering in jasmine give foliar spraying with panchakavya @ 3% + Humic acid @ 0.4 % at one month interval. Also give foliar spraying with iron sulphate @ 0.5 % and zinc sulphate @ 0.5 % at one month interval.
Crops	General	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.

Krishnagiri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	In the recent days, there has been a rainy day followed by shine days in a week, this prevailing temperature and relative humidity is found to be an ideal condition for fly breeding. This has led to a high fly population in poultry farms. A simple technique is commonly practiced to monitor fly population is spot card, which helps to take decision on fly control measures at an appropriate time. A white paper of size 5 x 3 inch mounted on a cardboard with pin and keep 5 – 10 spot cards / shed for 24 hour. After 24 hour, cards are collected and fly specks (spots) (faecal and vomit drops) can be counted to arrive approximate number of flies. If the fly spots are above 100, necessary control measures have to be taken. To control fly menace, the farm premises should be maintained hygienically through replacement of faulty nipples, proper disposal of dead birds and broken eggs. If fly intensity is high the birds should be fed with Insect Growth Regulators mixed feed.
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Paddy	Transplanting period	Paddy growing farmers are requested to apply 5 kg zinc solubilising bacteria and 10 kg zinc sulphate as basal dose. Also, give 5 – 10 days interval between the application of bacteria and zinc sulphate fertilizers. Don't apply both the sources together.
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Jasmine	Flowering stage	To increase the flowering in jasmine give foliar spraying with panchakavya @ 3% + Humic acid @ 0.4 % at one month interval. Also give foliar spraying with iron sulphate @ 0.5 % and zinc sulphate @ 0.5 % at one month interval.

Crops	General	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.
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Karaikal

Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Cotton	Flowering to picking stage	To manage mealy bug in cotton, spray Thiamethoxam 25 WG @ 0.2 g/l or Buprofezin 25 SC @ 2 ml/l.
		To manage white fly in cotton, spray Azadirachtin 0.03 (300 ppm) @ 5-10 ml/l or Thiamethoxam 25 WG 0.4 g/l.
Brinjal	Bearing stage	To manage tobacco cutworm in brinjal, spray Bacillus thuringiensis 2 g/l or Novaluron 10% EC 1 ml/l or flubendamide 0.2 – 0.3 ml/l
Cattle	Babesiasis	The prevailing weather conditions are favorable for the Babesiasis disease in cattle. High fever, dark coloured urine, less intake of feed and less milk yield are the symptoms of Babesiasis disease. If these symptoms appear in the cattle, contact nearby dispensary. As a preventive measure, apply Butox @ 2 ml/l of water on cattle and also spray it on the nearby areas of the cattle shed to control ectoparasites

SMS: Light rain is expected for next few days. Hence, postpone irrigation to crops.

Puducherry

Agro Advisory

Crop	Stage/Particulars	Agro Advisory
Rice	Green algae	To avoid the growth of green algae in paddy fields, Copper Sulphate @ one Kg in muslin cloth may be placed in the outlet of bore water irrigated to the field.
Rice	Tillering stage	To manage rice stem borer, release parasitoid Trichogramma japonicum @1,00,000/ha at active tillering stage (37, 44 and 51 DAP) or Azadirachtin 0.03% @ 4 ml/l or cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.
Groundnut	-	In groundnut, to manage tikka leaf spot disease, spray Mancozeb @ 2 g/ litre.
Cassava	Vegetative stage	To manage cassava mosaic disease CMD in tapioca, spray 3% neem oil or methyl dematon 2ml/lit or Dimethoate 1ml/lit or Acetamiprid 0.3g/l.

Sugarcane	Vegetative stage	In Sugarcane, to manage mealy bug, spray Methyl Parathion 50 EC @ 2ml/l.
Jasmine	Budworm	Collect and destroy the damaged buds with larvae Use light trap to attract and kill the adult moths Spray NSKE 5% or malathion 50EC 2ml/lit
Cattle	Babesiasis	The prevailing weather conditions are favorable for the Babesiasis disease in cattle. High fever, dark coloured urine, less intake of feed and less milk yield are the symptoms of Babesiasis disease. If these symptoms appear in the cattle, contact nearby dispensary. As a preventive measure, apply Butox @ 2 ml/l of water on cattle and also spray it on the nearby areas of the cattle shed to control ectoparasites.

SMS: Light rain is expected for next few days. Hence, postpone irrigation to crops.

