



Years of Service to the Nation
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. 073/2024

For the period 0830 IST, 10th September 2024 to
0830 IST, 15th September 2024

Issued on Tuesday, 10th September 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 06.09.24 to 09.09.24 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **31°C – 41°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 **12°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)	--	07.09.24 & 09.09.24
Isolated (One or Two Places)	06.09.24 to 09.09.24	--
Dry	--	06.09.24 & 08.09.24

Chief Amounts of Rainfall (in cms):-

06.09.24 : Zone 15 Sholinganallur (dist Chennai) 8,Gummidipoondi (dist Tiruvallur), Sriperumbudur (dist Kancheepuram), Satyabama Uty ARG(dist Kancheepuram), Puducherry Town (dist Puducherry) 5 each,Puducherry Observatory (dist Puducherry), Patthukannu (dist Puducherry), RSCL-2Mundiampakkam (dist Villupuram), Vanur (dist Villupuram), RSCL-2 Kedar (dist Villupuram)4 each,Tambaram (dist Chengalpattu), RSCL-2 Soorapattu (dist Villupuram), Kundrathur (distKancheepuram), Devala (dist The Nilgiris), RSCL-2 Valavanur (dist Villupuram), Bahour (distPuducherry) 3 each,ARG Sairam_Institution (dist Chengalpattu), Thirukkanur (dist Puducherry), Zone 01Thiruvottiyur (dist Chennai), Kelambakkam (dist Chengalpattu), Hindustan_University (distKancheepuram), VIT_Chennai AWS (dist Chengalpattu), Arakonam (dist Ranipet),Vilupuram (dist Villupuram), RSCL-2 Koliyanur (dist Villupuram), Ranipet AWS (distRanipet), Thirupporur (dist Chengalpattu) 2 each,Zone 02 D15 Manali (dist Chennai), Uthukottai (dist Tiruvallur), Zone 02 Manali (distChennai), Perambur (dist Chennai), Zone 01 Kathivakkam (dist Chennai), Ennore AWS (distChennai), RSCL-3 Valathy (dist Villupuram), Zone 03 Puzhal (dist Chennai), Tindivanam(dist Villupuram), CD Hospital Tondaiarpeta (dist Chennai), Parangipettai (dist Cuddalore),Thamaraipakkam (dist Tiruvallur), Cuddalore Observatory (dist Cuddalore), CuddaloreCollector Office (dist Cuddalore) 1 each.

07.09.24 : Zone 02 Manali (dist Chennai) 4,Red Hills (dist Tiruvallur), Zone 03 Puzhal (dist Chennai), Perambur (dist Chennai),Chinnakalar (dist Coimbatore), CD Hospital Tondaiarpeta (dist Chennai), Chennai

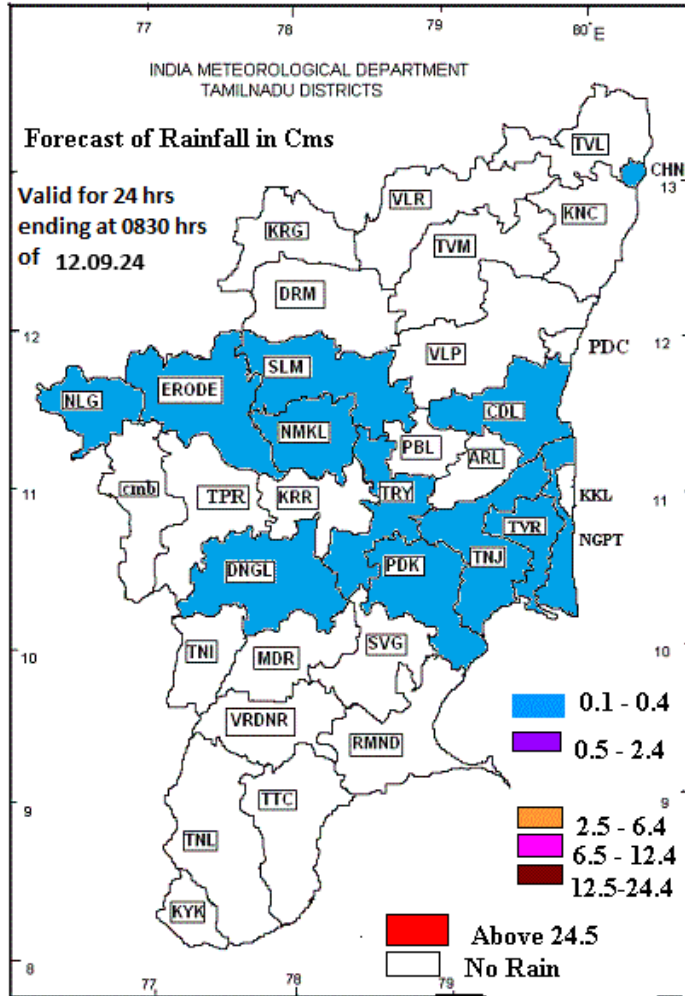
CollectorOffice (dist Chennai), Zone 01 Thiruvottiyur (dist Chennai), Cholavaram (dist Tiruvallur),Ambathur (dist Chennai), Zone 05 Royapuram (dist Chennai) 3 each,Devala (dist The Nilgiris), Gudalur Bazar (dist The Nilgiris), Upper Gudalur (dist The Nilgiris),Zone 02 D15 Manali (dist Chennai), Wood Braiyar Estate (dist The Nilgiris), HarisanMalayalam Ltd. (dist The Nilgiris), Valparai PTO (dist Coimbatore), Poondi (dist Tiruvallur) 2each,Barwood (dist The Nilgiris), Zone 07 U18 D81 Vanagaram (dist Chennai), Upasi TRF AWS(dist Coimbatore), DGP Office (dist Chennai), Cincona (dist Coimbatore), Zone 09 Ice House(dist Chennai), Puzhal ARG (dist Tiruvallur), Zone 09 Teynampet (dist Chennai),Naduvattam (dist The Nilgiris), Devakottai (dist Sivagangai), Zone 07 Ambattur (distChennai), Zone0 Kodambakkam (dist Chennai), Avadi (dist Tiruvallur), YMCA NandnamARG (dist Chennai), Zone 06 D65 Kolathur (dist Chennai), Avalanche (dist The Nilgiris),Tiruppur IB PWD (dist Tiruppur), Jaya Engg College AWS (dist Tiruvallur), Sankaridurg (distSalem), Uthukottai (dist Tiruvallur), Zone 05 GCC (dist Chennai), Kamudhi (distRamanathapuram), Thanjai Papanasam (dist Thanjavur), Zone 08 Malar Colony (distChennai) 1 each.

08.09.24 : Cincona (dist Coimbatore) 5, Valparai PTO (dist Coimbatore), Chinnakalar (dist Coimbatore) 4 each, Thirukalukundram (dist Chengalpattu), Cheyyar (dist Tiruvannamalai), Kancheepuram (dist Kancheepuram) 3 each, Vellore (dist Vellore), Walajabad (dist Kancheepuram), Sholayar (dist Coimbatore), Cheyyar ARG (dist Tiruvannamalai), Virinjipuram AWS (dist Vellore), Hosur (dist Krishnagiri), Wallajah (dist Ranipet), Arcot (dist Ranipet), Vembakkam (dist Tiruvannamalai), Mahabalipuram (dist Chengalpattu), Taluk Office Pandalur (dist The Nilgiris) 2 each, Ammapettai (dist Erode), Mahabalipuram AWS (dist Chengalpattu), Valparai PAP (dist Coimbatore), Kalavai PWD (dist Ranipet), Yercaud (dist Salem), Hosur AWS (dist Krishnagiri), Valparai Taluk Office (dist Coimbatore), Arani (dist Tiruvannamalai), Ranipet (dist Ranipet), Kaveripakkam (dist Ranipet), Vaniyambadi (dist Tirupathur), Ammoor Walajah Railway (dist Ranipet), Karaikal (dist Karaikal), Katpadi (dist Vellore) 1 each.

09.09.24 : Chinnakalar (dist Coimbatore) , Mettur (dist Salem) 3 each, Danishpet (dist Salem), Cincona (dist Coimbatore), Valparai PAP (dist Coimbatore), Sholayar (dist Coimbatore) 2 each, Vanur (dist Villupuram), Valparai Taluk Office (dist Coimbatore), Mullanginavillai (dist Kanniyakumari), Eraniel (dist Kanniyakumari), BASL Manalurpet (dist Kallakurichi), Nalumukku (dist Tirunelveli), Mettur AWS (dist Salem), Neyyoor AWS (dist Kanniyakumari), Oothu (dist Tirunelveli), KCS Mill-1 Moongilthura (dist Kallakurichi), Devala (dist The Nilgiris), Avalanche (dist The Nilgiris), BASL Manampoondi (dist Villupuram), Periyar (dist Theni), Kakkachi (dist Tirunelveli), Valparai PTO (dist Coimbatore) 1 each.

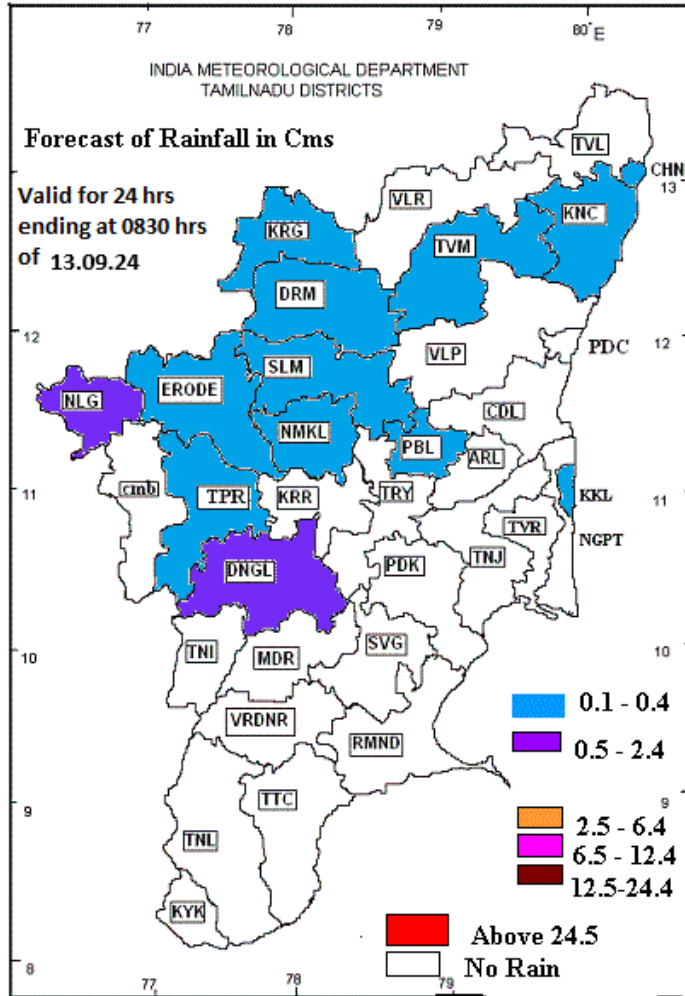


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REGIONAL METEOROLOGICAL CENTRE, CHENNAI



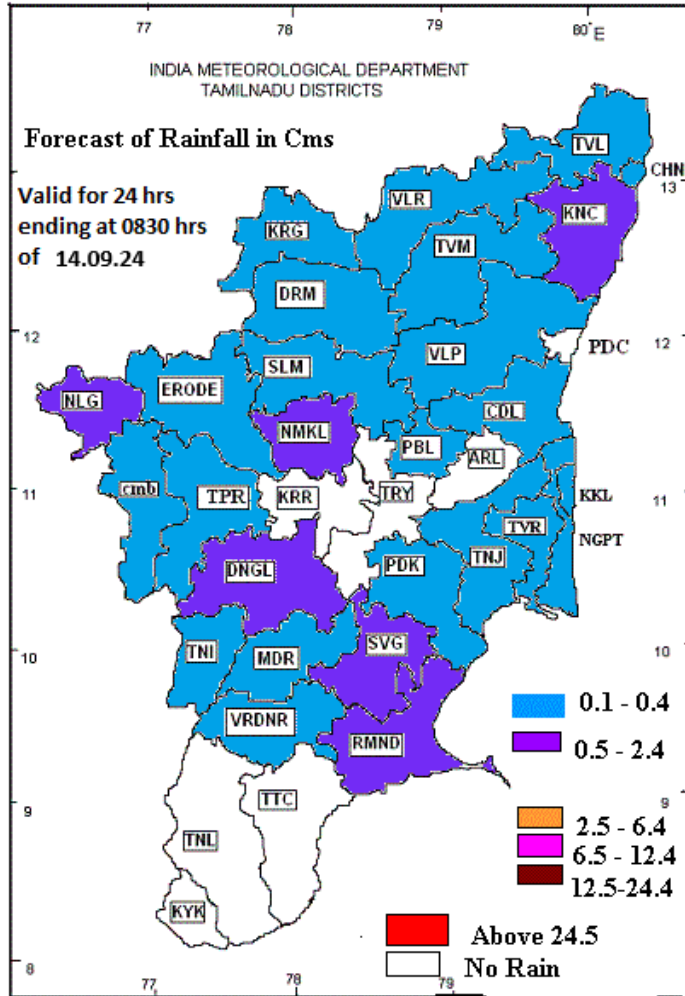


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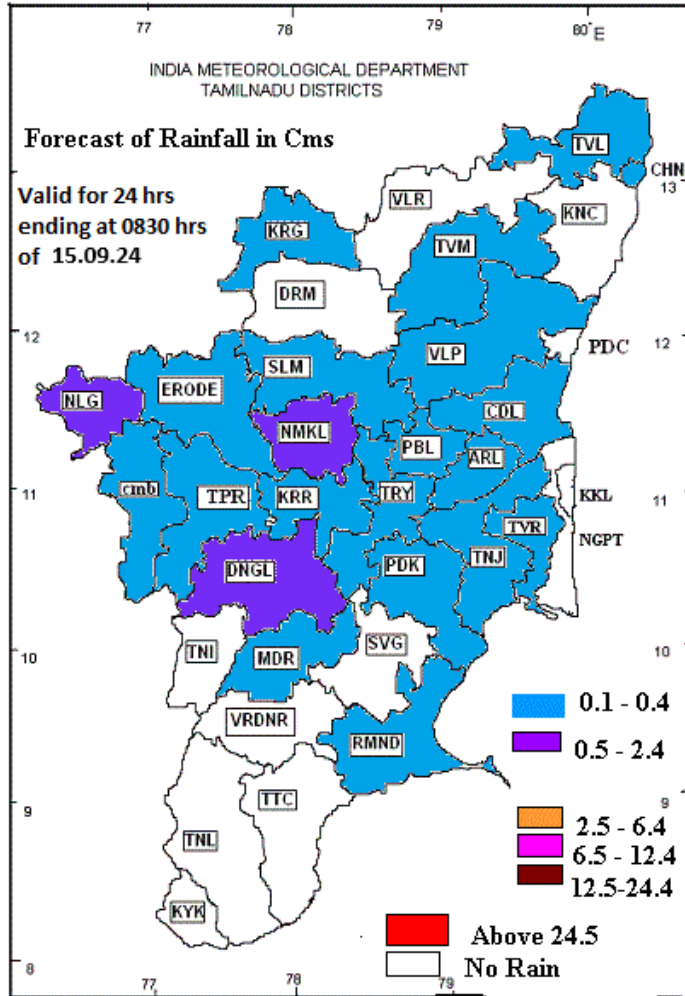


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District-wise Agromet Advisories

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

SMS Advisory:

(11.09.2024-15.09.2024) Light to moderate rain is likely to occur at isolated places over Tamilnadu,

Livestock Advisory:

- 1.The livestock must be provided with clean wholesome drinking water all round the clock.
- 2.To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary
- 3.To prevent water stagnation proper drainage must be provided in livestock shelter
- 4.The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age)
- 5.The livestock must not be allowed to stand in stagnated water to prevent foot rot.
- 6.The piglet must be protected from cold drafts to avoid shock, they must be provided with artificial heat source or incandescent bulb as the source of heat.
- 7.Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.
- 8.To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation

Agricultural advisory

Rice:

Spray the TNAU Rice reap @ 3kg / acre by dissolving in 200 litre of water after adding required quantity of wetting agent at booting stage at 10days interval. It improves spikelet fertility, grain filling rate, tolerance against drought and high temperature.

Due to prevailing weather condition possible for thrips infestation in paddy crop. To manage them, spray thiamethoxam 8.0g/ for 20 cent of nursery field. In transplanted field spray Azadiractin 400 ml/acre or thiamethoxam 40 g/ac. 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.

Groundnut:

To increase flower retention , pod filling and to induce drought tolerance apart from yield improvement , 2 sprays of groundnut rich @ 2 kg / acre(for each spray) at 35 DAS (50 % flowering) and 45 DAS (pod development stage).

Due to prevailing weather conditions possible for thrips infestation in groundnut crop. To control spray quinalphos 25 EC 560 ml/ac. Due to prevailing weather conditions possible for leaf miner infestation in groundnut crop. To control set light trap @ 1/ha between 8 and 11 pm at ground level and spray quinalphos 25 EC 560 ml/ac.

To increase flower retention , pod filling and to induce drought tolerance apart from yield improvement , 2 sprays of groundnut rich @ 2 kg / acre(for each spray) at 35 DAS (50 % flowering) and 45 DAS (pod development stage). To provide adequate drainage facility in lowland areas.

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, setup Rhino lure pheromone trap @ 2 traps/acre.

Banana:

High wind speed (>10 kmph) is expected on forthcoming days, so prop up 5 month old banana trees.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Dry week or drizzling rainfall is alone expected for the next five days and the wind speed is expected around 10 – 26 kmph in Western zone districts. Schedule the irrigation based on soil moisture.
Rice	Vegetative	As dry week is expected, postpone top dressing of fertilizer may be applied to rice at maximum tillering. Due to favourable weather, leaf folder attack is expected and apply Cartap hydrochloride 0.4% granules @ 8 kg /acre + 30kg sand to control stemborer and leaf folders. Spray Azoxystrobin 25Sc @ 1ml / lit to control blast and brown leaf spot diseases.
Banana		Considering the high wind speed above 10 kmph, provide supports to the banana of more than five months old to prevent from lodging.
Tomato	Vegetative	Weather is favourable for sucking pest in Tomato. Monitor and spray 3% neem seed kernal extract, if observed. Morning dewnees will favour early blight disease, spray chlorothalonil 40% W/W + Difenconazole 4.0 W/W SC @ 2ml /lit. If sucking pests white flies and mites incidence noticed, spray Spiromesifen 22.9 % SC @ 625ml / ha
Animal Husbandry		Considering the prevailing hot and windy weather, provide enough clean drinking water to the animals.

SMS advisory:

Prevailing warm humid condition favours powdery mildew disease in vegetables. To control apply Hexaconazole 5% EC @ 1ml/ liter of water

Erode

Agro Advisory

Crop	Stage	Advisory
General		Dry week or drizzling rainfall is alone expected for the next five days and the wind speed is expected around 10 – 26 kmph in Western zone districts. Schedule the irrigation based on soil moisture.
Rice		Since no rainfall / light drizzling is only expected. Farmers are advised to apply pre-emergence herbicide butachlor @ 2.5 litre / ha before 3

		<p>days of transplanting with thin film of water in the main field.</p> <p>Due to warm humid condition the BLB disease may occur, foliar application of copper hydroxide 77 WP @ 1.25 kg/ha or streptomycin sulphate 90% + tetracycline combination 10% SP @ 300 g along with copper oxychloride 50 WP @ 1.25 kg/ha is recommended.</p>
Sugarcane		<p>Prevailing warm weather with high wind speed favours more evapotranspiration. Hence sugarcane farmers to apply light and frequent irrigation. If crown mealy bug noticed by ant movement, spray in 3 border rows alone with imidacloprid 17.8 SL @ 3 ml/10 l (or) chlorantraniliprole 18.5 SC @ 4ml/10 l (or) clothianidin 50 WDG @ 5g/10 l (or) spirotetramet 150 OD @ 12.5 ml/10 l (or) flonicamid 50 WG @ 3 g/10 l. Spraying of TNAU Sugarcane Booster @ 1kg, 1.5kg and 2kg at 45, 60 and 75 days after planting, respectively (recommended agronomic practice).</p>
Turmeric		<p>By utilizing prevailing weather condition second top dressing with nitrogen and potassium fertilizers may be done.</p> <p>Due to humid condition will favour, leaf blotch, & leaf spot disease, spray Azoxytobin 18.2 % + Difenoconazole 11.4% W/W SC @ 1ml / lit of water.</p>
Animal Husbandry		<p>Considering the prevailing hot and windy weather, provide enough clean drinking water to the animals.</p>

SMS advisory:

Prevailing warm humid condition favours powdery mildew disease in vegetables. To control apply Hexaconazole 5% EC @ 1ml/ liter of water

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		<p>Dry week or drizzling rainfall is alone expected for the next five days and the wind speed is expected around 10 – 26 kmph in Western zone districts.</p> <p>Schedule the irrigation based on soil moisture.</p>
Rice		<p>Since no rainfall / light drizzling is only expected. Farmers are advised to apply pre-emergence herbicide butachlor @ 2.5 litre / ha before 3 days of transplanting with thin film of water in the main field.</p> <p>Due to warm humid condition the BLB disease may occur, foliar application of copper hydroxide 77 WP @ 1.25 kg/ha or streptomycin sulphate 90% + tetracycline combination 10% SP @ 300 g along with copper oxychloride 50 WP @ 1.25 kg/ha is recommended.</p>
Sugarcane		<p>Prevailing warm weather with high wind speed favours more evapotranspiration. Hence sugarcane farmers to apply light and frequent irrigation. If crown mealy bug noticed by ant movement, spray in 3 border rows alone with imidacloprid 17.8 SL @ 3 ml/10 l (or) chlorantraniliprole 18.5 SC @ 4ml/10 l (or) clothianidin 50 WDG @ 5g/10 l (or) spirotetramet 150 OD @ 12.5 ml/10 l (or) flonicamid 50 WG @ 3 g/10 l. Spraying of TNAU Sugarcane Booster @ 1kg, 1.5kg</p>

		and 2kg at 45, 60 and 75 days after planting, respectively (recommended agronomic practice).
Turmeric		By utilizing prevailing weather condition second top dressing with nitrogen and potassium fertilizers may be done. Due to humid condition will favour, leaf blotch, & leaf spot disease, spray Azoxystrobin 18.2 % + Difenoconazole 11.4% W/W SC @ 1ml / lit of water.
Animal Husbandry		Considering the prevailing hot and windy weather, provide enough clean drinking water to the animals.

SMS advisory:

Prevailing warm humid condition favours powdery mildew disease in vegetables. To control apply Hexaconazole 5% EC @ 1ml/ liter of water

Nilgiris

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.

Management of seedborne diseases: Seeds can be treated with Trichoderma asperellum @ 4g/kg or Bacillus subtilis@10g/kg to manage seedborne pathogens.

Horticulture(Stage)	HorticultureSpecificAdvisory
CARROT(Vegetative)	For the management of nematode in carrot, soil application of neem cake @ 1 ton/ha at planting. Biofumigation of mustard plants followed by application of neem cake @ 250kg/ha along with Purpureocillium lilacinum @ 5kg/ha is recommended, Application may be given during rain free period.
POTATO(Vegetative)	To manage late blight in potato crop: foliar spray of mancozeb @ 2 g/l or chlorothalonil @ 2g/ l on 45, 60 and 75 days after planting is recommended during the rain free period.
GINGER(Vegetative)	Ginger soft rot management Provide adequate drainage facilities Select healthy and disease free seed rhizomes and treat the seed rhizomes with mancozeb or copper oxychloride @ 3 g/l or 200 ppm streptomycin for 30 minutes, In the field, drench the beds with copperoxychloride @ 2.5 g/l or 1% Bordeaux mixture during 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 @210g+propiconazole@200ml/haat10daysinterval,particularlyduring 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%+Mancozeb63%WP@1250g/ha(or)•Hexaconazole4%+Zineb68% WP @ 625g/ha
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Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur, Tiruvarur and Tiruchirapalli

Agro Advisory

Crop	Stage	Advisory
General		Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI).
Rice	Harvest	Harvest the matured kuruvai paddy.
	Main field	By utilizing weather condition land can be prepared for samba rice cultivation.
Coconut	Bearing Stage	To reduce the button shedding under this weather condition, feed the roots with 200 ml of coconut tonic per palm.
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

Harvest the matured kuruvai paddy.

Dindigul

SMS Advisory	Chances of light rain during 11, 12, 13, 15 Sep & Moderate rain on 14 Sep. Maximum temperature would be in the range of 36°C to 38°C and the minimum temperature would be between 23°C - 26°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 12 – 14 Kmph from, West & Northwest directions.
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General Advisory:

Agriculture:

Farmers cultivating sugarcane and vegetables crops in rain-fed lands should provide rows and furrows at regular intervals and irrigate through furrows.

Irrigation water is economical as it is moistened only in the furrow area. Rain water drains easily if it gets stagnant in furrows.

In times of water scarcity, water can be saved by irrigating it with furrows. Intercropping is easy as the crops are arranged in rows.

Livestock:

Light to Moderate rain with thunderstorm and lightning is likely to occur at isolated places over district on 11 & 12 September 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: (Marigold, Tapioca & Animal Husbandry)

Marigold:

Red spiders may be widely seen in the Marigold flower crop. These insects absorb sap from the leaves and flowers of the plants. During a severe infestation, the flowers dry up. To control this, spray Propargite @ of 1½ ml per litre of water.

Tapioca:

Micronutrient deficiency may occur in Tapioca crops under calcareous soils.

Hence, spray 1% of Ferrous Sulphate + 1% of Magnesium Sulphate + 0.1% Urea solution under enough soil moisture conditions.

Animal Husbandry:

Due to the prevailing weather, external parasites may attack your goats and sheep.

If symptoms are found, to protect your livestock from these external parasites, mix 2ml of Butox with one litre of water and apply the solution to the outer body of the sheep.

This medicine should not be used internally.

Madurai

SMS Advisory	Chances of very light rain on 14 & 15 Sep. Maximum temperature would be in the range of 36°C to 38°C and the minimum temperature would be between 23°C - 26°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 8 – 14 Kmph from, West & Northwest directions.
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General Advisory:

Agriculture:

Farmers cultivating sugarcane and vegetables crops in rain-fed lands should provide rows and furrows at regular intervals and irrigate through furrows.

Irrigation water is economical as it is moistened only in the furrow area. Rain water drains easily if it gets stagnant in furrows.

In times of water scarcity, water can be saved by irrigating it with furrows. Intercropping is easy as the crops are arranged in rows.

Livestock:

Light to Moderate rain with thunderstorm and lightning is likely to occur at isolated places over district on 11 & 12 September 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: (Paddy, Jasmine & Animal Husbandry)

Paddy:

The incense of Rice horned caterpillar noticed in Paddy. The Larva feeds on leaf blades of rice. Leaves are defoliated from the margin or tip irregularly. To control this, drain the excess water from the field. To manage this pest, foliar spray of Emamectin Benzoate @ 6gms per tank or Flubendiamide @ 20ml per acre is recommended.

Jasmine:

The incense of Collar and Root Rot disease is expected in Jasmine. Plants at all stages are infected by this disease.

The symptoms are, initially, the older leaves become yellow followed by younger leaves and finally, the plant will die. Black discolouration can be seen on the root part.

To control this, remove and destroy the affected plant from the field.

Soil drenching of Copper Oxychloride @ 2 ½ gm per litre of water per plant is recommended.

Animal Husbandry:

Due to the prevailing weather, external parasites may attack your goats and sheep.

If symptoms are found, to protect your livestock from these external parasites, mix 2ml of Butox with one litre of water and apply the solution to the outer body of the sheep.

This medicine should not be used internally.

Pudukottai

SMS Advisory	Chances of light rain on 14 & 15 Sep. Maximum temperature would be in the range of 36°C to 38°C and the minimum temperature would be between 26°C - 28°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:

Farmers cultivating sugarcane and vegetables crops in rain-fed lands should provide rows and furrows at regular intervals and irrigate through furrows.

Irrigation water is economical as it is moistened only in the furrow area. Rain water drains easily if it gets stagnant in furrows.

In times of water scarcity, water can be saved by irrigating it with furrows. Intercropping is easy as the crops are arranged in rows.

Livestock:

Light to Moderate rain with thunderstorm and lightning is likely to occur at isolated places over district on 11 & 12 September 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: (Paddy, Groundnut & Animal Husbandry)

Paddy:

The incidence of Paddy Leaf folder expected in Paddy crop, the symptoms are leaves folding longitudinally and larvae remaining inside. Larvae scrap the green tissue of the leaves and become white and dry. During a severe infestation, the whole field exhibits a scorched appearance.

To control this, tie Trichogramma egg parasitoid cards @ 5cc per acre, thrice at the 37th, 44th, and 51st days after transplanting.

Avoid excessive application of urea.

Install Light trap at 1No. per acre.

Spray NSKE @ 5ml per litre of water or Spray Chlorpyrifos 20 EC @ 5ml per litre of water.

Groundnut:

The incidence of Gram pod borer is expected in Groundnut. The larvae feed on the foliage, prefers flowers and buds, when tender leaf buds are eaten, symmetrical holes or cuttings can be seen upon unfolding of leaflets.

Install pheromone trap @ 5Nos./ha. Releasing of Trichogramma chilonis @ 1 lakh/ha, 40 days after sowing of groundnut can effectively check the pest.

Or spray any one of the following insecticide Indoxacarb 14.5%SC @ 160ml /acre (0.5ml per litre) or Spinosad 45% SC @ 60ml per acre (0.5ml/litre) from flower bud formation at fortnight interval.

Animal Husbandry:

Due to the prevailing weather, external parasites may attack your goats and sheep.

If symptoms are found, to protect your livestock from these external parasites, mix 2ml of Butox with one litre of water and apply the solution to the outer body of the sheep.

This medicine should not be used internally.

Ramanathapuram

SMS Advisory	Chances of light rain on 14 Sep. Maximum temperature would be in the range of 35°C to 36°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 16 – 24 Kmph from, Southwest direction.
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General Advisory:

Agriculture:

Farmers cultivating sugarcane and vegetables crops in rain-fed lands should provide rows and furrows at regular intervals and irrigate through furrows.

Irrigation water is economical as it is moistened only in the furrow area. Rain water drains easily if it gets stagnant in furrows.

In times of water scarcity, water can be saved by irrigating it with furrows. Intercropping is easy as the crops are arranged in rows.

Livestock:

Light to Moderate rain with thunderstorm and lightning is likely to occur at isolated places over district on 11 & 12 September 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.

Wind with the speed of 16 to 24 kmph is expected for the next five days. Hence farmers are advised to provide propping in sugarcane and to provide adequate support for crops like Banana, Papaya, Guava and Moringa, to prevent from lodging. For Gourds check the structures /pandhals for damages in the strings and poles and provide adequate support. Postpone the spraying activity.

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

Cotton:

Due to the prevailing weather condition the incidence of spotted bollworms seen in Cotton.

The symptoms are, they appear on terminal shoots, drying and drooping of terminal shoots during pre-flowering stage, shedding of squares and young bolls, flaring up of bracts during square and young boll formation stage, holes on bolls and rotting of bolls can also be noticed.

Remove the affected plant parts.

To control, spray Fipronil @ 400ml per acre.

Blackgram:

Spraying of the micronutrient is important for the Blackgram crop. Foliar spray of NAA 40mg/litre and Salicylic acid 100 mg/litre once at pre-flowering and another at 15 days later.

For rice fallow crops, foliar spray of DAP 20gm/litre once at flowering and another at 15 days later.

For irrigated and rain-fed crops, foliar spray of DAP 20gm/litre or Urea 20 gm/litre once at flowering and another at 15 days later.

Spraying activities can be done during the non-rainy days.

Animal Husbandry:

Due to the prevailing weather, external parasites may attack your goats and sheep.

If symptoms are found, to protect your livestock from these external parasites, mix 2ml of Butox with one litre of water and apply the solution to the outer body of the sheep.

This medicine should not be used internally.

Sivagangai

SMS Advisory	Chances of light rain on 14 Sep. Maximum temperature would be in the range of 36°C to 38°C and the minimum temperature would be between 23°C - 26°C. Generally cloudy sky will appear for the next five days. Wind is expected with the speed of 8 – 14 Kmph from, Southwest direction.
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General Advisory:

Agriculture:

Farmers cultivating sugarcane and vegetables crops in rain-fed lands should provide rows and furrows at regular intervals and irrigate through furrows.

Irrigation water is economical as it is moistened only in the furrow area. Rain water drains easily if it gets stagnant in furrows.

In times of water scarcity, water can be saved by irrigating it with furrows. Intercropping is easy as the crops are arranged in rows.

Livestock:

Light to Moderate rain with thunderstorm and lightning is likely to occur at isolated places over district on 11 & 12 September 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: (Onion, Mango & Animal Husbandry)

Onion:

The symptom of micronutrient (Zinc) deficiency is appearing in the Onion fields. Due to this deficiency, plant growth gets restricted. Leaves turn yellow in colour with strips and bend. To rectify this deficiency, foliar spray of 50gm of ZnSO₄ twice at fortnight intervals is recommended.

Mango:

The incense of Grey Blight is expected in Mango. The symptoms of damage appear on leaves. Brown spots develop on the margin and at the tip of the leaf lamina. They increase in size and become dark brown.

To control this, spray Copper oxychloride @ 30 gm + Cartap hydro chloride @ 20gm + sticky agent @ 10ml with 10 litres of water.

Animal Husbandry:

Due to the prevailing weather, external parasites may attack your goats and sheep.

If symptoms are found, to protect your livestock from these external parasites, mix 2ml of Butox with one litre of water and apply the solution to the outer body of the sheep.

This medicine should not be used internally.

Theni

SMS Advisory	Chances of very light rain on 14 Sep. Maximum temperature would be in the range of 30°C to 32°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:

Farmers cultivating sugarcane and vegetables crops in rain-fed lands should provide rows and furrows at regular intervals and irrigate through furrows.

Irrigation water is economical as it is moistened only in the furrow area. Rain water drains easily if it gets stagnant in furrows.

In times of water scarcity, water can be saved by irrigating it with furrows. Intercropping is easy as the crops are arranged in rows.

Livestock:

Light to Moderate rain with thunderstorm and lightning is likely to occur at isolated places over district on 11 & 12 September 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: (Paddy, LabLab & Animal Husbandry)

Paddy:

The incense of Brown Spot disease expected in Paddy. The disease appears first as minute brown dots later becoming cylindrical or oval to circular on leaves. Spots coalesce to form large patches leading to the leaf drying up.

Infection also occurs on the panicle and neck with a brown color appearance.

To control spray Metominostrobin @ 500ml /acre.

LabLab:

The incidences of Pod bugs may be expected in the LabLab crop.

The Symptom of damage appears on pods, with black spots, shedding of green pods, and poorly filled pods with shrivelled grains inside.

To control spray the biocontrol agent, Beauveria bassiana @ 600gm per acre.

Animal Husbandry:

Due to the prevailing weather, external parasites may attack your goats and sheep.

If symptoms are found, to protect your livestock from these external parasites, mix 2ml of Butox with one litre of water and apply the solution to the outer body of the sheep.

This medicine should not be used internally.

Virudhunagar

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Farmers are requested to irrigate the crop.
Land preparation	Trench formation	During land preparation in dryland, farmers are requested to create trench in mid of the field to avoid water stagnation in future.
Cotton	Sowing	Keep ready with seeds and fertilizer for sowing, Seed treatment to be practiced to avoid stem weevil incidence. Adopt synchronized sowing and bund crop or intercrop to encourage the activities of natural enemies.
Pearl millet and sorghum	Sowing	Farmers are requested to practice seed hardening before sowing. For Pearl millet & Sorghum: 2% potassium chloride (Dissolve 20 gm of salt in 1000 ml of water). Soak 1 kg of seed in 650 ml of this solution for 10 hours and dry back to original moisture.
Paddy	Nursery	Irrigate the field, monitor the pest and diseases incidence.
Green manure crop		Sun hemp can be raised and used as livestock feed. It can also be raised inside the tree basin to maintain the moisture and enrich the soil nutrient.

Rain: 14.09-0.1 mm. Requested to create trench in mid of the field. Seed treatment and seed hardening, synchronized sowing and bund crop be practice to avoid crop loss.

Tamil Nadu		
Light to Moderate Westerlies/Southwesterlies prevail over the region in the lower tropospheric levels.		
Weather forecast	Next five days	Day 1 (11.09.2024) and Day 2 (12.09.2024):Light to moderate rain with thunderstorm and lightning is likely to occur at isolated places over Tamil Nadu. Day 3 (13.09.2024) to Day 5 (15.09.2024): Light to moderate rain is likely to occur at isolated places over Tamil Nadu.

Tirunelveli

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Farmers are requested to irrigate the crop.
Rainfed crops	Land preparation - Trench formation	During land preparation in dryland, farmers are requested to create trench in mid of the field to avoid water stagnation in future.
Paddy	Vegetative to Milking stage	Irrigate the field and fertilizer. Moderate relative humidity and wind speed were predicted; hence farmers are request to access the disease appearance and go for fungicide application.
Cotton	Sowing	Keep ready with seeds and fertilizer for sowing, Seed treatment to be practiced to avoid stem weevil incidence. Adopt synchronized sowing and bund crop or intercrop to encourage the activities of natural enemies.
Green manure crop		Sun hemp can be raised and used as livestock feed. It can also be raised inside the tree basin to maintain the moisture and enrich the soil nutrient.
Banana	Bunch development stage	<ul style="list-style-type: none"> • Prevailing wind speed may damage the physical appearance of the crop. Hence, farmers are advised to do propping. Earthing up may be practiced to avoid lodging. Use transparent polyethylene sleeves with 4% ventilation to cover the bunch immediately after opening of last hand to blemish free fruits with uniform size and quality.

SMS: Rain: 11.09-1 mm. Paddy - Irrigate the crop and apply fertilizer. chance for diseases so apply fungicide. Banana- wind cause physical damage, propping to be practiced.

Tamil Nadu		
Light to Moderate Westerlies/Southwesterlies prevail over the region in the lower tropospheric levels.		
Weather forecast	Next five days	Day 1 (11.09.2024) and Day 2 (12.09.2024): Light to moderate rain with thunderstorm and lightning is likely to occur at isolated places over Tamil Nadu. Day 3 (13.09.2024) to Day 5 (15.09.2024): Light to moderate rain is likely to occur at isolated places over Tamil Nadu.

Thoothukudi

Crop	Stage	Agromet Advisory
Irrigated crops	Water management	Farmers are advised to irrigate the crop.
Land preparation	Trench formation	During land preparation in dryland, farmers are requested to create trench in mid of the field to avoid water stagnation in future.
Cotton	Sowing	Keep ready with seeds and fertilizer for sowing, Seed treatment to be practiced to avoid stem weevil incidence. Adopt synchronized sowing and bund crop or intercrop to encourage the activities of natural enemies.

Pearl millet and sorghum	Sowing	Farmers are requested to practice seed hardening before sowing. For Pearl millet & Sorghum: 2% potassium chloride (Dissolve 20 gm of salt in 1000 ml of water). Soak 1 kg of seed in 650 ml of this solution for 10 hours and dry back to original moisture.
Paddy	Vegetative to Milking stage	Irrigate the field and go for plant protection measures.
Green manure crop		Sun hemp can be raised and used as livestock feed. It can also be raised inside the tree basin to maintain the moisture and enrich the soil nutrient..
Banana	Bunch development stage	Prevailing wind speed may damage the physical appearance of the crop. Hence, farmers are advised to do propping. Earthing up may be practiced to avoid lodging. Use transparent polyethylene sleeves with 4% ventilation to cover the bunch immediately after opening of last hand to blemish free fruits with uniform size and quality..

SMS: Rain: Nil. Irrigate the crop. Requested to create trench in mid of the field. Seed treatment and seed hardening, synchronized sowing and bund crop be practice to avoid crop loss.

Tamil Nadu		
Light to Moderate Westerlies/Southwesterlies prevail over the region in the lower tropospheric levels.		
Weather forecast	Next five days	Day 1 (11.09.2024) and Day 2 (12.09.2024):Light to moderate rain with thunderstorm and lightning is likely to occur at isolated places over Tamil Nadu. Day 3 (13.09.2024) to Day 5 (15.09.2024): Light to moderate rain is likely to occur at isolated places over Tamil Nadu.

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	Horticultural crops	All stages	Irrigation should be given to fruit trees, Spices, Vegetables and other horticultural crops.
2.	Clove	All stages	There is very light rainfall for the forthcoming days so irrigate the plant regularly.
3.	Tapioca	Vegetative stage	Mealy bug infestation may occur spraying of fish oil rosin soap @ 25 gram per litre is recommended to control the pest.
4.	Coconut	All stages	For the control of coconut rugose spiraling whitefly kindly avoid application of insecticides to encourage natural enemies and setting up of yellow sticky traps coated with castor oil @ 8/acre.
5.	Horticultural crops.	Planting stage.	As 20 to 22 km / hr wind speed is anticipated, it is advised to provide staking to newly planted horticultural plants.

SMS Advisory

Banana: The dried and diseased leaves are removed and burnt to control the spread of leaf spot diseases.

Salem

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Control of myiasis in livestock</p> <p>In Tamil Nadu, calving and lambing season usually coincides with monsoon. During parturition minor laceration & abrasions in the reproductive tract likely to occur, besides discharges (post – partum) would attract the myiasis producing flies to deposit their eggs, leading to wound myiasis. Hence, if such lesions occur, fly repellents like neem oil / ointment may be applied to prevent myiasis.</p>
Sheep and Goats	General	<p>Coccidiosis in sheep and goats and its control</p> <p>Coccidiosis is caused by protozoan parasite Eimeria. It commonly occurs in sheep and goats particularly in young lambs and kids which are maintained under unhygienic and overcrowded condition. Adults are susceptible, but they do not show clinical manifestations. However, the affected adult animals continue to shed oocysts of Eimeria in their dung and which act as source of infection to young stock.</p> <p>The lambs and kids acquire infection by ingestion of feed and water contaminated with sporulated oocysts of Eimeria parasite. Affected animals show anemia, emaciation, diarrhoea and death often occurs. Coccidiosis is diagnosed by faecal examination and postmortem examination of dead animals. Affected animals can be treated with sulpha and Amprolium drugs. Coccidiosis can be prevented by hygienic maintenance of animal shed – proper disposal of dung, waterers and feeders should be cleaned regularly. Young animals should be separated from adults.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Green gram and Black gram	Sowing period	Farmers are advised to take up sowing of high yielding green gram variety (CO – 8 / VBN – 4) and blackgram variety (VBN – 8 and VBN 11) with available moisture on receipt of rainfall and also advised to do seed treatment with Bacillus subtilis @ 10 gram / kg of seed to control root rot disease in early vegetative stage of the crop.
Maize	Vegetative stage	Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide spray to control maize fall army worm pest during initial stage of the crop.
Turmeric	Vegetative stage	Turmeric farmers are requested to apply 200 kg of well decomposed farm yard manure along with each 5 kg Azospirillum, Phosphobacteria and Trichoderma viride by using current rainfall for an acre of land to prevent rhizome rot and to improve the crop growth.
Vegetable crops	Flowering and Fruiting stage.	Vegetables growers are requested to give foliar spraying with vegetable booster @ 3 – 5 g / litre of water at flowering and fruiting stage.

Namakkal

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Control of myiasis in livestock</p> <p>In Tamil Nadu, calving and lambing season usually coincides with monsoon. During parturition minor laceration & abrasions in the reproductive tract likely to occur, besides discharges (post – partum) would attract the myiasis producing flies to deposit their eggs, leading to wound myiasis. Hence, if such lesions occur, fly repellents like neem oil / ointment may be applied to prevent myiasis.</p>
Sheep and Goats	General	<p>Coccidiosis in sheep and goats and its control</p> <p>Coccidiosis is caused by protozoan parasite Eimeria. It commonly occurs in sheep and goats particularly in young lambs and kids which are maintained under unhygienic and overcrowded condition. Adults are susceptible, but they do not show clinical manifestations. However, the affected adult animals continue to shed oocysts of Eimeria in their dung and which act as source of infection to young stock.</p> <p>The lambs and kids acquire infection by ingestion of feed and water contaminated with sporulated oocysts of Eimeria parasite. Affected animals show anemia, emaciation, diarrhoea and death often occurs. Coccidiosis is diagnosed by faecal examination and postmortem examination of dead animals. Affected animals can be treated with sulpha and Amprolium drugs. Coccidiosis can be prevented by hygienic maintenance of animal shed – proper disposal of dung, waterers and feeders should be cleaned regularly. Young animals should be separated from adults.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Green gram and Black gram	Sowing period	Farmers are advised to take up sowing of high yielding green gram variety (CO – 8 / VBN – 4) and blackgram variety (VBN – 8 and VBN 11) with available moisture on receipt of rainfall and also advised to do seed treatment with Bacillus subtilis @ 10 gram / kg of seed to control root rot disease in early vegetative stage of the crop.
Maize	Vegetative stage	Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide spray to control maize fall army worm pest during initial stage of the crop.
Turmeric	Vegetative stage	Turmeric farmers are requested to apply 200 kg of well decomposed farm yard manure along with each 5 kg Azospirillum, Phosphobacteria and Trichoderma viride by using current rainfall for an acre of land to prevent rhizome rot and to improve the crop growth.
Vegetable crops	Flowering and Fruiting stage.	Vegetables growers are requested to give foliar spraying with vegetable booster @ 3 – 5 g / litre of water at flowering and fruiting stage.

Dharmapuri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Control of myiasis in livestock</p> <p>In Tamil Nadu, calving and lambing season usually coincides with monsoon. During parturition minor laceration & abrasions in the reproductive tract likely to occur, besides discharges (post – partum) would attract the myiasis producing flies to deposit their eggs, leading to wound myiasis. Hence, if such lesions occur, fly repellents like neem oil / ointment may be applied to prevent myiasis.</p>
Sheep and Goats	General	<p>Coccidiosis in sheep and goats and its control</p> <p>Coccidiosis is caused by protozoan parasite Eimeria. It commonly occurs in sheep and goats particularly in young lambs and kids which are maintained under unhygienic and overcrowded condition. Adults are susceptible, but they do not show clinical manifestations. However, the affected adult animals continue to shed oocysts of Eimeria in their dung and which act as source of infection to young stock.</p> <p>The lambs and kids acquire infection by ingestion of feed and water contaminated with sporulated oocysts of Eimeria parasite. Affected animals show anemia, emaciation, diarrhoea and death often occurs. Coccidiosis is diagnosed by faecal examination and postmortem examination of dead animals. Affected animals can be treated with sulpha and Amprolium drugs. Coccidiosis can be prevented by hygienic maintenance of animal shed – proper disposal of dung, waterers and feeders should be cleaned regularly. Young animals should be separated from adults.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Green gram and Black gram	Sowing period	Farmers are advised to take up sowing of high yielding green gram variety (CO – 8 / VBN – 4) and blackgram variety (VBN – 8 and VBN 11) with available moisture on receipt of rainfall and also advised to do seed treatment with Bacillus subtilis @ 10 gram / kg of seed to control root rot disease in early vegetative stage of the crop.
Maize	Vegetative stage	Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide spray to control maize fall army worm pest during initial stage of the crop.
Turmeric	Vegetative stage	Turmeric farmers are requested to apply 200 kg of well decomposed farm yard manure along with each 5 kg Azospirillum, Phosphobacteria and Trichoderma viride by using current rainfall for an acre of land to prevent rhizome rot and to improve the crop growth.
Vegetable crops	Flowering and Fruiting stage.	Vegetables growers are requested to give foliar spraying with vegetable booster @ 3 – 5 g / litre of water at flowering and fruiting stage.

Krishnagiri

WEATHER ADVISORY BULLETIN FOR LIVESTOCK, POULTRY AND AGRICULTURE

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Control of myiasis in livestock</p> <p>In Tamil Nadu, calving and lambing season usually coincides with monsoon. During parturition minor laceration & abrasions in the reproductive tract likely to occur, besides discharges (post – partum) would attract the myiasis producing flies to deposit their eggs, leading to wound myiasis. Hence, if such lesions occur, fly repellents like neem oil / ointment may be applied to prevent myiasis.</p>
Sheep and Goats	General	<p>Coccidiosis in sheep and goats and its control</p> <p>Coccidiosis is caused by protozoan parasite Eimeria. It commonly occurs in sheep and goats particularly in young lambs and kids which are maintained under unhygienic and overcrowded condition. Adults are susceptible, but they do not show clinical manifestations. However, the affected adult animals continue to shed oocysts of Eimeria in their dung and which act as source of infection to young stock.</p> <p>The lambs and kids acquire infection by ingestion of feed and water contaminated with sporulated oocysts of Eimeria parasite. Affected animals show anemia, emaciation, diarrhoea and death often occurs. Coccidiosis is diagnosed by faecal examination and postmortem examination of dead animals. Affected animals can be treated with sulpha and Amprolium drugs. Coccidiosis can be prevented by hygienic maintenance of animal shed – proper disposal of dung, waterers and feeders should be cleaned regularly. Young animals should be separated from adults.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal		
Green gram and Black gram	Sowing period	Farmers are advised to take up sowing of high yielding green gram variety (CO – 8 / VBN – 4) and blackgram variety (VBN – 8 and VBN 11) with available moisture on receipt of rainfall and also advised to do seed treatment with Bacillus subtilis @ 10 gram / kg of seed to control root rot disease in early vegetative stage of the crop.
Maize	Vegetative stage	Farmers are advised to spray Emamectin Benzoate (@ 4 gram / 10 litre of water) pesticide spray to control maize fall army worm pest during initial stage of the crop.
Turmeric	Vegetative stage	Turmeric farmers are requested to apply 200 kg of well decomposed farm yard manure along with each 5 kg Azospirillum, Phosphobacteria and Trichoderma viride by using current rainfall for an acre of land to prevent rhizome rot and to improve the crop growth.
Vegetable crops	Flowering and Fruiting stage.	Vegetables growers are requested to give foliar spraying with vegetable booster @ 3 – 5 g / litre of water at flowering and fruiting stage.

Karaikal

Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Rice	Variety	Medium duration rice varieties like ADT 38, ADT 39, ADT 46, CO 50, CO 52, TKM 13, TRY 3 and KKL R 2 may be adopted for ensuing late <i>Samba</i> or <i>Thaladi</i> season.
	Field preparation	For direct seeded rice, apply 50 kg of P ₂ O ₅ /ha as basally in the last plough and level the field to have uniform crop stand and provide shallow trenches (15 cm width) at an interval of 3 m all along the field to facilitate the draining of excess water in case of heavy rainfall at the early growth stage of rice.
	Dry seed treatment	Mix the seeds with Captan or Thiram 24 hrs before sowing @ 4g/kg of seed. This dry seed treatment gives protection to the seedlings up to 40 days from seedling disease such as blast and brown spot.
	Sowing	For direct seeded rice, sowing may be done upto 30 th September.
	Weed management	To manage weeds in nursery, apply pre-emergence herbicide Butachlor 50 EC @ 1.0 kg (a.i.)/ha on 8 DAS.
		To manage weeds in direct wet seeded rice, apply Pretilachlor + safener 30 EC @ 0.450 kg (a.i.)/ha at 3 days after sowing.
		To manage weeds in direct dry seeded rice, apply Pendimethalin 30 EC @ 1.0 kg (a.i.)/ha at 5 days after sowing.
Cattle	Vaccination	Before the onset of monsoon, animals may be vaccinated for Foot and Mouth Disease and Hemorrhagic Septicemia. Grazing animals that are drinking pond water should be dewormed
	Deworming	Grazing animals that are drinking pond water should be dewormed.
	Shed management	Repair cattle/goat/poultry shed before the rainy season and ensure the roof leak proof. Otherwise leaking of rain water in dirty sheds may increase in ammonia production and coccidiosis disease.
		Do patchwork to fill the cracks in the floor to prevent hoof rotting disease of goats.
Paddy straw enriching	Urea enriched paddy straw can be prepared and used for cattle (To enrich 100 kg of paddy straw, dissolve 4 kg urea in 65 litres of water and sprinkle prepared urea solution over the paddy straw and cover it. After 21 days the urea treated paddy straw can be used for feeding).	

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 <i>Trichogramma japonicum</i> @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	To control budworm in Jasmine, 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	Vaccination	Before the onset of monsoon, animals may be vaccinated for Foot and Mouth Disease and Hemorrhagic Septicemia. Grazing animals that are drinking pond water should be dewormed
	Deworming	Grazing animals that are drinking pond water should be dewormed.
	Shed management	Repair cattle/goat/poultry shed before the rainy season and ensure the roof leak proof. Otherwise leaking of rain water in dirty sheds may increase in ammonia production and coccidiosis disease.
		Do patchwork to fill the cracks in the floor to prevent hoof rotting disease of goats.
Paddy straw enriching	Urea enriched paddy straw can be prepared and used for cattle (To enrich 100 kg of paddy straw, dissolve 4 kg urea in 65 litres of water and sprinkle prepared urea solution over the paddy straw and cover it. After 21 days the urea treated paddy straw can be used for feeding).	

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

