



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 034/2021

For the period 0830 IST, 27th April 2021 to
0830 IST, 02nd May 2021

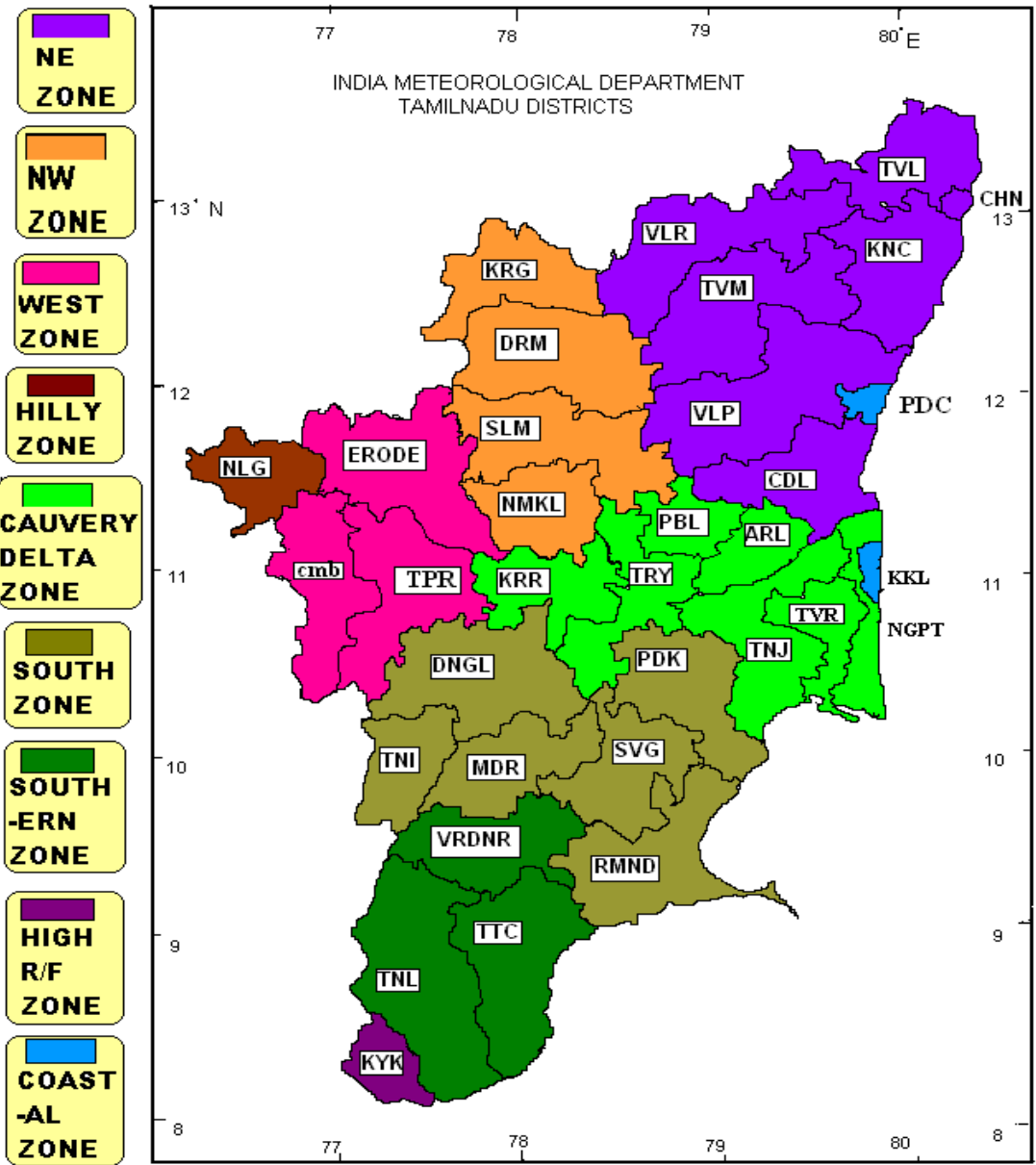
Issued on Tuesday, 27th April 2021

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, Thiruvarur, Karur, Perambalur, Ariyalur and Tiruchirapalli.	Adudurai
5	Southern zone	Virudhunagar, Tirunelveli and Thoothugudi	Kovilpatti
6	South Zone	Pudukkottai, Madurai, Dindigul, Theni, Ramanathapuram and Sivagangai	Kannivadi
7	High rainfall zone	Kanyakumari	Pechiparai
8	Hilly zone	Nilgiris	Ooty
9	Coastal Zone	Karaikal and Pondicherry	Karaikal



Past Weather Summary for the period 23.04.21 to 26.04.21 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 33°C – 41°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 19°C – 24°C during the period.

Minimum temperature of range 21°C - 29°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 10°C - 12°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	--	--
Isolated (Isolated Places)	23.04.21, 24.04.21, 25.04.21 & 26.04.21	Tamil Nadu
Dry	23.04.21, 24.04.21, 25.04.21 & 26.04.21	Puducherry

Chief Amounts of Rainfall (in cms):-

23.04.21 : Yelagiri AWS (dist Tirupathur) 3, Thali (dist Krishnagiri), Sholayar (dist Coimbatore), Puduchatram (dist Namakkal) 1 each.

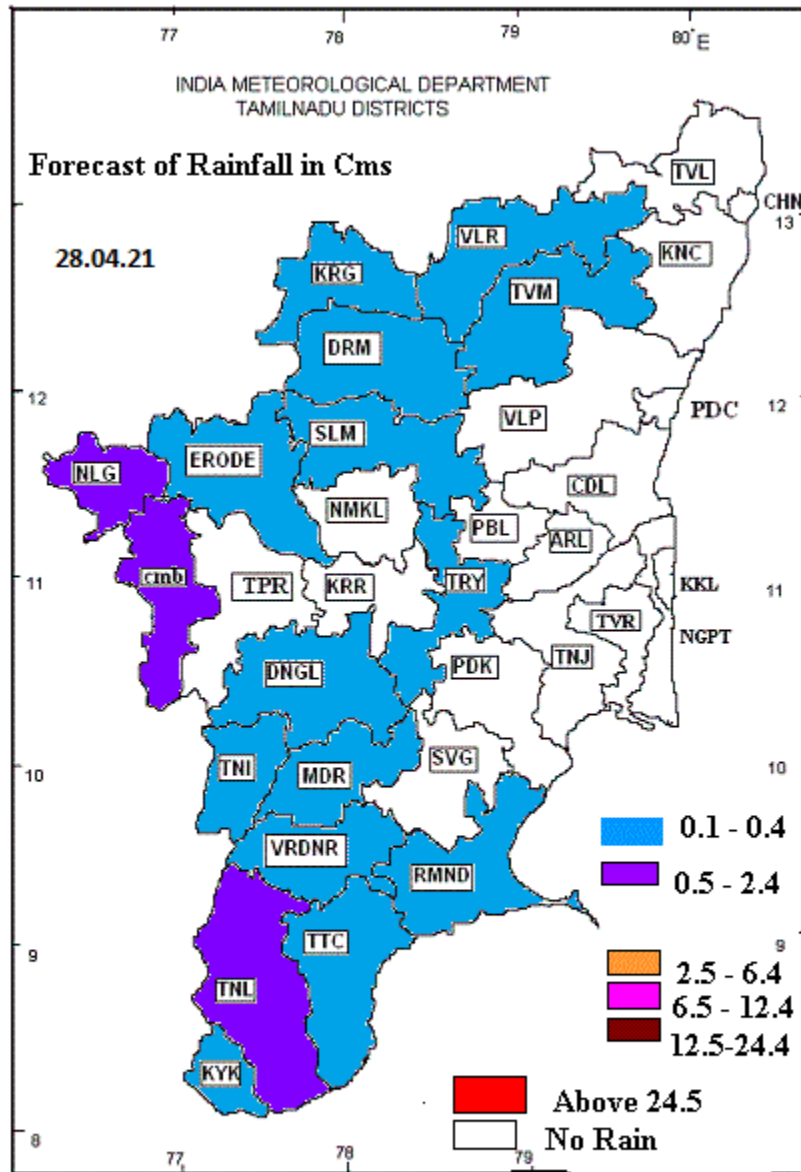
24.04.21 : Odanchatram (dist Dindigul), Pennagaram (dist Dharmapuri), Dharmapuri Pto (dist Dharmapuri) 6 each, Rasipuram (dist Namakkal), Vedasandur (dist Dindigul) 5 each, Naduvattam (dist Nilgiris), Erumapatti (dist Namakkal) 4 each, Penucondapuram (dist Krishnagiri), Dharmapuri (dist Dharmapuri), Salem (dist Salem), Kamatchipuram (dist Dindigul), Mangalapuram (dist Namakkal) 3 each, Kodaikanal (dist Dindigul), Usilampatti (dist Madurai), Puduchatram (dist Namakkal), Nilakottai (dist Dindigul), Thuraiyur (dist Trichy) 2 each, Pappireddipatti (dist Dharmapuri), Hosur (dist Krishnagiri), Bhavani (dist Erode), Ponnai Dam (dist Vellore), Uthangarai (dist Krishnagiri), Ammundi (dist Vellore), Vellore (dist Vellore), R.K.Pet (dist Tiruvallur), Annur (dist Coimbatore) 1 each.

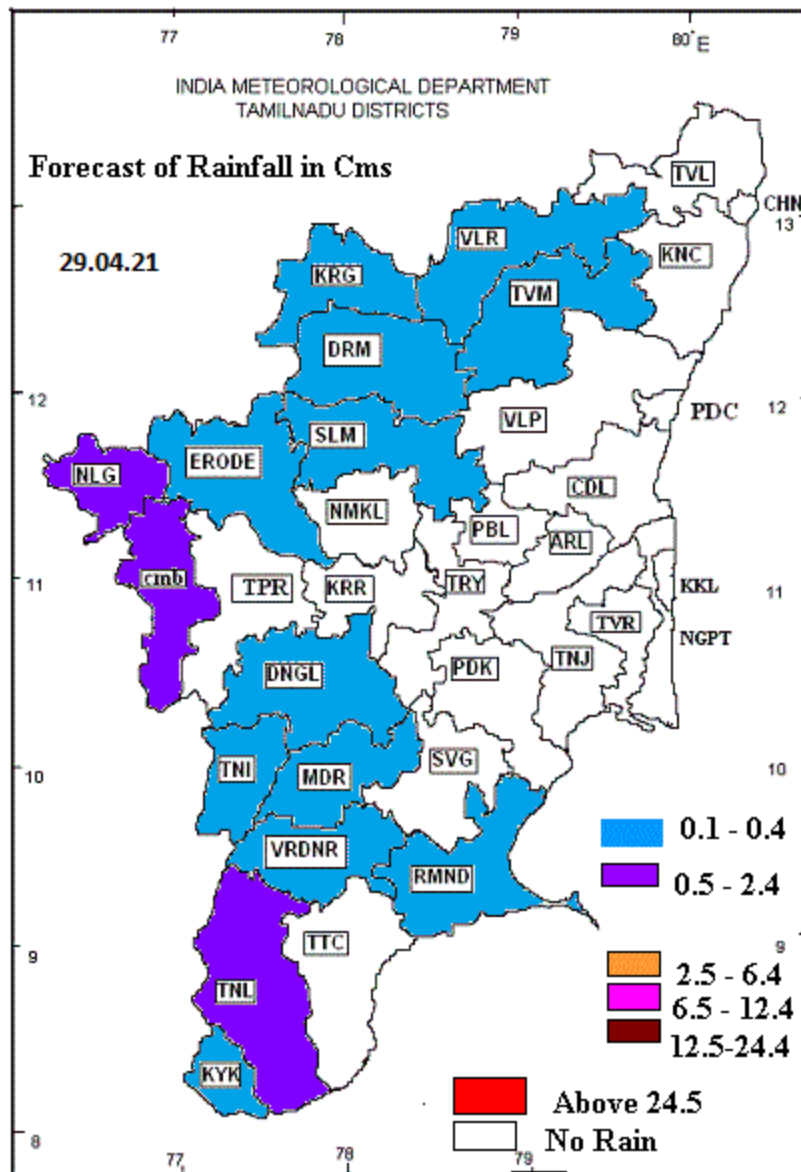
25.04.21 : Pollachi (dist Coimbatore), Sivalogam (dist Kanyakumari) 4 each, Yelagiri ARG (dist Tirupathur), Hosur (dist Krishnagiri), Periyar (dist Theni), Aliyar (dist Coimbatore) 3 each, Chittar (dist Kanyakumari), Ponnai Dam (dist Vellore), Adiramapatnam (dist Thanjavur), K Bridge (dist Nilgiris),

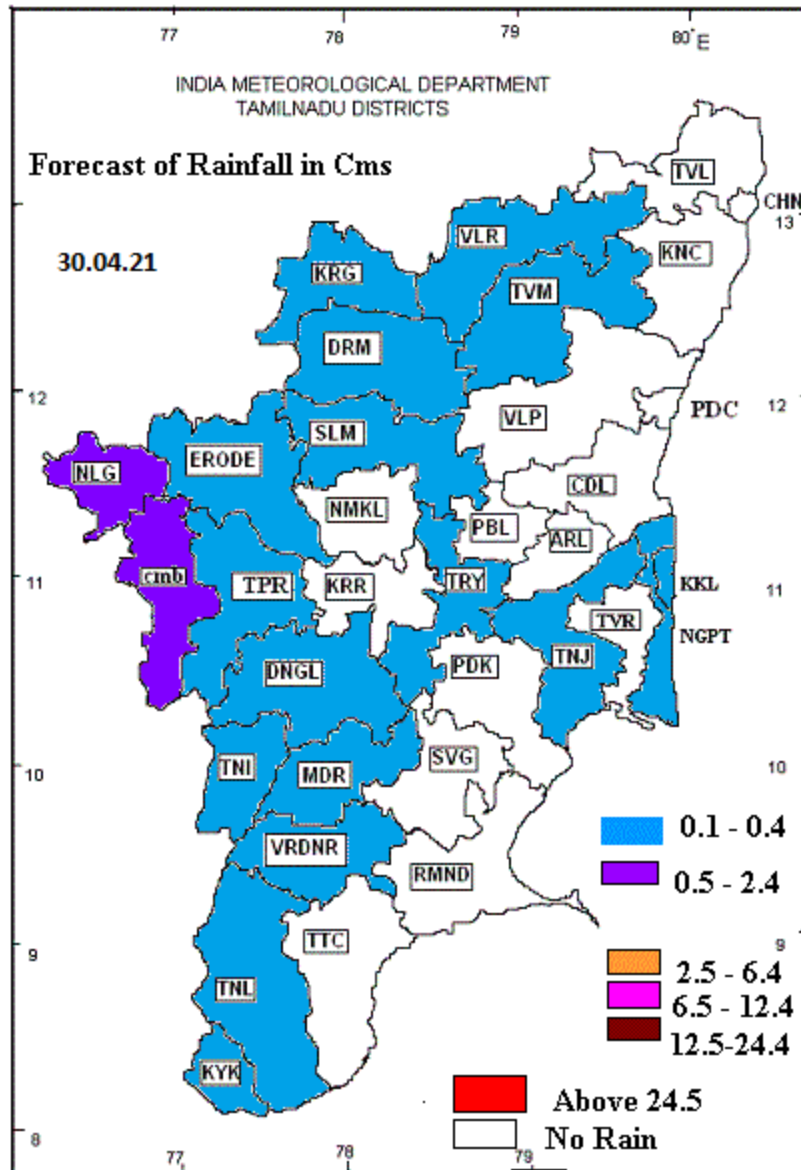
Hogenakkal (dist Dharmapuri), Adiramapatnam AWS (dist Thanjavur) 2 each, Shencottah (dist Thenkasi), Sankaridurg (dist Salem), Coimbatore South (dist Coimbatore), Mannargudi (dist Tiruvarur), Manamelkudi (dist Pudukkottai), Thathiengarpet (dist Trichy), Tiruchengode (dist Namakkal), Valparai Pto (dist Coimbatore), Udumalpet (dist Tiruppur), Ettayapuram (dist Toothukudi), Tirupattur PTO (dist Tirupathur), Salem (dist Salem) 1 each.

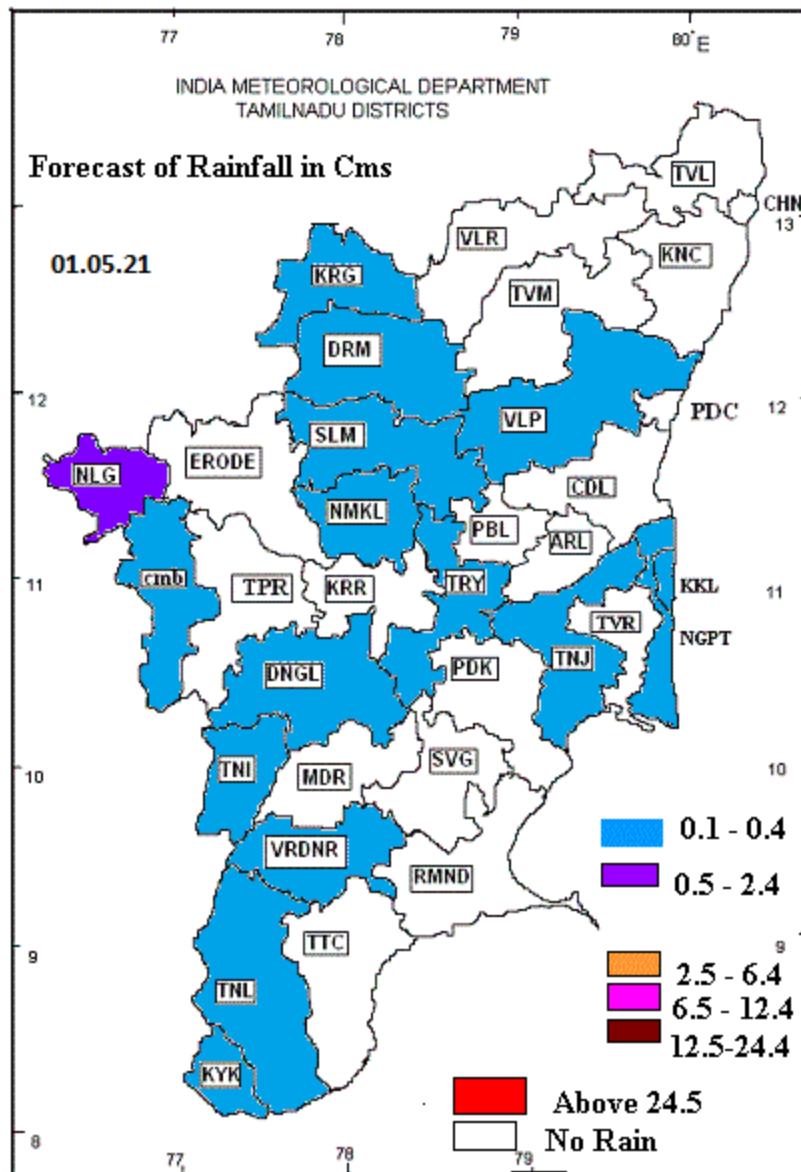
26.04.21 : Coonoor PTO (dist Nilgiris) 3, Coonoor (dist Nilgiris), K Bridge (dist Nilgiris), Sivalogam (dist Kanyakumari) 2 each, Bodinaickanur (dist Theni), Avalanche (dist Nilgiris), Kuzhithurai (dist Kanyakumari), Emeralad (dist Nilgiris), Billimalai Estate(dist Nilgiris) 1 each.

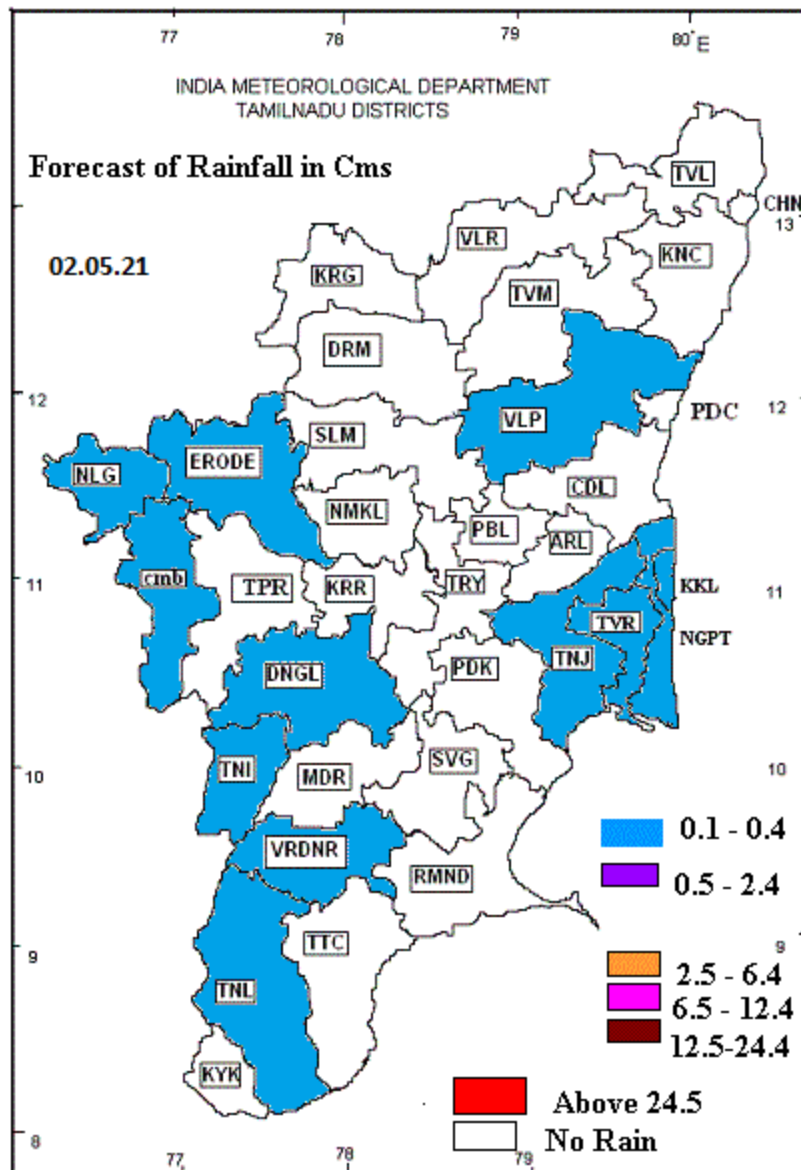
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 27.04.21
VALID FOR THE NEXT 5 DAYS**











Districtwise Agromet Advisories

Chennai

SMS Advisory: Day 1(27.04.2021) to Day 2(28.04.2021): Thunderstorm with lightning is likely to occur at isolated places over Tamil Nadu. Livestock Advisory 1. Since the maximum temperature is forecasted to rise to 2-3 degrees above normal, farmers are requested not to allow the livestock for grazing in the noon hours. 2. The buffalo would succumb to summer infertility, To reduce the farmers advised to allow buffaloes for regular wallowing. 3. Provide cold drinking water at all times. 4. Roof of the dairy shed may be spread with coconut leaves over which water may be splashed during noon hours; this would reduce the heat stress inside the shed. 5. Provision of smashed gooseberry mixed with water white pigs (1 fruit / litre of water) will reduce the heat stress during summer.

Kancheepuram

As per IMD Extended Range Forecast for the period of 02nd May to 08th May 2021 Tamil Nadu & Pondicherry region may likely to receive higher rainfall than the normal. On 27.04.2021 and 28.04.2021 in Tamil Nadu Thunderstorm with lighting is likely to occur at isolated places. The forecasted weather may cause leaf folder infestation in rice for management farmers may spray Chlorantraniliprole 18.5% 150 ml/ha.

Crop(Varieties)	Crop Specific Advisory
RICE	The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed its advised to spray Chlorantraniliprole 18.5% 150 ml/ha or Thiamethoxam 25% WG 100 kg/ha.
RICE	The forecasted weather may cause stem borer infestation in rice crop. Farmers may take necessary plant protection measures based on symptoms of damage.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil 3% or Imidacloprid @ 0.5 - 1 ml/liter of water.
BRINJAL	There are possibilities of mealy bug infestation in vegetable crops. Farmers are advised access the crop field and take necessary plant protection measures with an advice of Horticultural Officer.
CHILLI	There are possibilities of mite infestation in chillies. Farmers are advised access the crop field and take necessary plant protection measures with an advice of Horticultural Officer.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Farmers are advised to Provide 30 gm mineral mixture and 30 gm salt along with concentrate feed to dairy animals to coolant heat stress and improve the production in dairy animals.
GOAT	Deworm and detick goat and sheep may be done to avoid production loss in livestocks. Farmers are advised to avoid the grazing of goat and sheep near ponds and lakes to protect the animals from internal parasitic infestation.

Fisheries(Varieties)	Fisheries Specific Advisory
COMMON FISH	Farmers are advised to avoid feeding the fish ponds after 6.00AM and before 6.00 PM in evening. Farmers feeding may be given in fish pond at 7.00 PM. Farmers are advised to maintain water level of 4 feet and above for fish ponds.
INLAND	The pH of the fish ponds may be monitored periodically in morning and evening hours of the day. Farmers are advised check the pond water transparency and maintain up to 30-45 cm, if dark colour of the pond water is observed water may be exchanged @ 10% or Agri-lime 100-200 kg/ha may be applied.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Farmers are advised provide cool, potable drinking water thrice a day adlibitum to avoid dehydration loss in birds. Farmers may mix the electrolyte/Glucose in drinking water of poultry birds to avoid heat stress in birds.

Villupuram

SMS Advisory: Day 1(27.04.2021) to Day 2(28.04.2021): Thunderstorm with lightning is likely to occur at isolated places over Tamil Nadu. Livestock Advisory: 1. Since the maximum temperature is forecasted to rise to 2-3 degrees above normal, farmers are requested not to allow the livestock for grazing in the noon hours. 2. The buffalo would succumb to summer infertility, To reduce the farmers advised to allow buffaloes for regular wallowing. 3. Provide cold drinking water at all times. 4. Roof of the dairy shed may be spread with coconut leaves over which water may be splashed during noon hours; this would reduce the heat stress inside the shed. 5. Provision of smashed gooseberry mixed with water white pigs (1 fruit / litre of water) will reduce the heat stress during summer. Agricultural advisory Rice: 1. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/. 2. Alage in paddy field reduces the growth of crops. To control apply, 2 kg of copper sulphate mix with sand l. Gingelly: Due prevailing weather conditions favourable for gingelly leaf webber. To control spray carbaryl 50 WP 1000 g/ha in 500 litre of water Sugarcane: Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or Fipronil 5 % SC (2 ml/l) Cotton: 1. Due to prevailing weather condition there are chances of cotton grey mildew infection. To control spray carbendazim @ 1.0 g/l or propiconazole @ 1.0 ml/ha. 2. Due to prevailing weather condition there are chances of cotton spotted boll worm infestation. To control spray chlorantraniliprole 18.5% SC @150 ml/ha or flubendiamide 20% WG 125 g/ha. Cashew: 1. To control tea mosquito bug spray thiamethoxam 25% WG (100 g/ha) at flushing stage, chlorpyrifos 2.0 ml/lit at flowering stage and profenophos 1.0 ml/lit at fruit setting stage.

Thiruvannamalai

SMS Advisory: Day 1(27.04.2021) to Day 2(28.04.2021): Thunderstorm with lightning is likely to occur at isolated places over Tamil Nadu. Livestock Advisory: 1. Since the maximum temperature is forecasted to rise to 2-3 degrees above normal, farmers are requested not to allow the livestock for grazing in the noon hours. 2. The buffalo would succumb to summer infertility, To reduce the farmers advised to allow buffaloes for regular wallowing. 3. Provide cold drinking water at all times. 4. Roof of the dairy shed may be spread with coconut leaves over which water may be splashed during noon hours; this would reduce the heat stress inside the shed. 5. Provision of smashed gooseberry mixed with water white pigs (1 fruit

/ litre of water) will reduce the heat stress during summer. Agricultural advisory Rice: Prevailing weather condition is favourable for leaf folder incidence in rice. Hence farmers are requested to monitor the field and spray fipronil 2ml/litre. Green leaf hopper - spray Phosphamidon 5 ml / litre or Phosalone 12 ml / litre. Groundnut: Farmers are advised to foliar spray of TNAU Groundnut Rich @ 2.0 kg/ac (for each spray) in 200 litres of water at peak flowering and pod filling stage to increase flower retention and pod filling. Coconut: To control Rugose Spiraling Whitefly in coconut, spray neem oil@10ml or azadiractin 1%@5ml/litre or Installation of yellow sticky traps(5ft. X 1.5 ft.) smeared with castor oil@ 5 ac. Leaf rot : spray copper oxy chloride 0.5 %. While spraying, care has to be taken to spray the spindle leaf. Chilli: Prevailing weather condition is favourable for thrips incidence in chilli. The symptom of damage is infected leaves develop crinkles and curl upwards. Hence farmers are requested to monitor the field and spray fipronil 1.5ml/litre. Brinjal: Prevailing weather condition is favourable for shoot borer/ fruit borer incidence in brinjal. To control, spray chlorantraniliprole @ 0.5 ml / lit (or) Emamectin benzoate @ 0.4g/litre. Tomato: 1. Prevailing weather condition is favourable for tomato fruit borer. To control this, set up pheromone traps @ 12/ha or release Trichogrammachilonis @ 1 lakh/ha at an interval of 7 days starting from flower initiation stage or Spray azadirachtin @ 1%EC 2ml/litre. 2. Foliar spray of 0.5% ZnSO4 thrice at 10 days interval from 40 days after planting to control flower drop and improve fruit set. Sugarcane: Farmers are advised to foliar spray of 5% Kaolin to reduce water loss. Mango: To increase the flowering in mango, apply 1% potassium nitrate. Watermelon: Prevailing weather condition is favourable for red pumpkin beetle incidence in watermelon. To control, spray malathian @ 1ml / litre. To control leaf blight, spray mancozeb 2 g / litre.

Thiruvallur

From the extended range forecast, Above normal rainfall and normal temperature expected for the period of May 02 to May 08 over Tamil Nadu. Based on soil moisture provide irrigation to the crop.

Crop(Varieties)	Crop Specific Advisory
RICE	1.Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g. (or) Chlorantraniliprole 18.5 SC 60 ml per acre in 200 litres of water; 2. Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water; 3. Ear head bug -Spray Neem seed kernel extract 5% or spray Malathion 50EC 200 ml/acre.
SUGARCANE	Sugarcane- Early shoot borer- Spray Thiamethoxam 75% w/w SG @ 64 g (or) Spray Chlorantraniliprole 18.5 % SC @ 150 ml per acre in 200 litre of water; 2.Aphids- 1.Detrash as per schedule; 2.Drain excess water.
GROUNDNUT	Groundnut-leaf miner-spray Methyl demeton 25 EC 1000 ml per acre in 200 litres of water. (or) Quinalphos 25 EC 1400 ml per acre in 200 litres of water. ; and Set up light trap between 8 to11 pm at ground level.
BLACK GRAM	Spotted pod borer- Spray Thiodicarb 75% WP 250g/acre.
Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	Mango-Anthracnose -Spray copper oxychloride 50% WG @ 2.4 g/l
CHILLI	Chilli- Thrips -Spray imidacloprid 17.8% SL 3 ml/10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/liter of water.

BRINJAL	Fruit borer - Neem seed kernel extract (NSKE) 5 % or Or Spray Azadirachtin 1.0% EC (10000 ppm) 3.0 ml/lit of chemical starting from one month after planting at 15 days interval.
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Vellore

Extended Range Forecast for the period of 02.05.2021 to 08.05.2021 Tamil Nadu and Pondicherry may be receive more than (64.26%) normal rainfall. Prevailing weather condition is favorable for sucking pest incidence for all crops. Farmers are advised to monitor their field and take necessary plant protection measures based on symptoms of damage. Spray the cool water on body and give more amount of drinking water to animals to avoid the heat stress. Chances of light rainfall may be expected on forthcoming days. So, farmers are advised to temporarily avoid pesticide application.

Crop(Varieties)	Crop Specific Advisory
RICE	Prevailing weather condition is favourable for leaf folder incidence in rice. Hence farmers are requested to monitor the field and spray fipronil 2ml/litre. Harvest the matured paddy crops during non-rainy days.
Crop(Varieties)	Crop Specific Advisory
TOMATO	Foliar spray of 0.5% ZnSO ₄ thrice at 10 days interval from 40 days after planting to control flower drop and improve fruit set.
SUGARCANE	Farmers are advised to foliar spray of 5% Kaolin to reduce water loss.
JASMINE	To control mite in jasmine, remove and destroy the affected parts of plants or spray wettable sulphur 5g/litre.
Horticulture(Varieties)	Horticulture Specific Advisory
WATER MELON	Prevailing weather condition is favourable for red pumpkin beetle incidence in watermelon. To control, spray malathian @ 1ml / litre. To control leaf blight, spray mancozeb 2 g / litre.
COCONUT	To control red palm weevil in coconut, install pheromone trap @ one trap per ha. Specialized buckets with 3 of 4 holes are made, the bucket is wound with coconut fibre/ jute sack. The lure (Ferrolure +) is suspended inside the bucket and one lit of water is added along with 100g pineapple/ sugarcane, 2g yeast and 2g Carbaryl in the bucket. The bait buckets are placed at sites in the farm, where infestation is seen most. After a week the water is checked for the catch & re filled to prevent mosquitoes from breeding.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Don't allow pregnant animal for grazing during day time. Give shaded place to stay at sunny hours of day. Give electrolyte 2 gram per litre of drinking water during day time.

GOAT	Avoid grazing of sheep and goat at sunny day. Give more quantity of clean and cool drinking water at all time.
Poultry(Varieties)	Poultry Specific Advisory
HEN	Avoid feeding of broiler/desi adult birds from 10 Am to 4 Pm. Give cool and clean drinking water at all time. Give electrolyte like PoIC or electrobest @ one gram per litre of drinking water.

Cuddalore

As per IMD extended range forecast for the period of 02.05.2021 to 08.05.2021 Tamil Nadu likely to receive above normal rainfall. Plough the land immediately after harvesting the crop which helps to manage weed growths, save summer rainfall.

Crop(Varieties)	Crop Specific Advisory
RICE	1. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l. 2. Alage in paddy field reduces the growth of crops. To control apply, 2 kg of copper sulphate mix with sand. 3. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.
GINGELLY	Due prevailing weather conditions favourable for gingelly leaf webber. To control spray carbaryl 50 WP 1000 g/ha in 500 litre of water.
SUGARCANE	Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or Fipronil 5 % SC (2 ml/l).
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ecto-parasites in sheep and goats

Coimbatore

Crop	Stage	Advisory
General		Rainfall with thunderstorm and lightning is likely to occur in isolated places the Western Ghats districts. To harvest the summer rain and to facilitate the crop residue recycling, plough the harvested and fallow lands against the slopes with inverting type plough. Since the cloud cover is more and expecting thunderstorm, soil application of nutrients may be avoided for all irrigated crops. Rain may washout the sucking pest in vegetable crops. Do not spray pesticides.
Bajra / Cumbu	Sowing and early vegetative	By utilizing rainfall sowing and gap filling of irrigated Cumbu may be continued. Seed hardening may done before sowing with 2% KCl solution (16 h soaking 5 h shade dry).

	stage	With continuous rain, there may be heavy weeds infestation in irrigated cumbu crop. Once dry spell is noticed hand weed, thin and gap fill at 15 cm interval.
Sugarcane	Vegetative	Detrashing (removing dry cane leaves) may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall. By utilizing received and anticipated rainfall, late season sugarcane can be planted. Before planting treat the setts with 0.1% carbendazim for 15 minutes. Because of continuous rainfall iron deficiency may be noticed in early season planted sugarcane. Then spray 1% ferrous sulphate with 1% Urea at 15 days interval till deficiency symptoms clear.
Coconut		Basin of Coconut may be harrowed with spade and khurpi or hand hoe to conserve rain water received from anticipated rainfall. Light drizzling is alone expected, hence irrigation may be done according to soil moisture especially coconut and banana.
Turmeric	Planting	Considering the prevailing weather ploughing may be done for planting turmeric. During last ploughing, applied FYM @ 12.5 tons per hectare.
Animal Husbandry		Rain may be accompanied with thunders and lightening. Hence during the rain animals may not be allowed for open grazing. Farmers are requested to cut off the power connection to the cattle and poultry sheds since thunderstorm and lightening is expected. Further they are requested to safeguard the fodder and food materials of cattle and poultry. In some places Thullumari disease is observed in sheep and goats hence allow the sheep and goats only during sunshine hours. Further they are requested to vaccinate in nearby veterinary hospital.

SMS advisory

Summer rain may be accompanied with squally winds. Provide adequate stacking to 5 months old banana against lodging.

Erode

Crop	Stage	Advisory
General		Rainfall with thunderstorm and lightning is likely to occur in isolated places the Western Ghats districts. To harvest the summer rain and to facilitate the crop residue recycling, plough the harvested and fallow lands against the slopes with inverting type plough. Since the cloud cover is more and expecting thunderstorm, soil application of nutrients may be avoided for all irrigated crops. Rain may washout the sucking pest in vegetable crops. Do not spray pesticides.
Sorghum	Sowing	Considering the drizzling sowing of irrigated sorghum may be taken in the ploughed area followed by irrigation.
Bajra / Cumbu	Sowing and early vegetative stage	By utilizing rainfall sowing and gap filling of irrigated Cumbu may be continued. Seed hardening may done before sowing with 2% KCl solution (16 h soaking 5 h shade dry). With continuous rain, there may be heavy weeds infestation in irrigated

		cumbu crop. Once dry spell is noticed hand weed, thin and gap fill at 15 cm interval.
Sugarcane	Vegetative	Detrashing (removing dry cane leaves) may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall. By utilizing received and anticipated rainfall, late season sugarcane can be planted. Before planting treat the setts with 0.1% carbendazim for 15 minutes. Because of continuous rainfall iron deficiency may be noticed in early season planted sugarcane. Then spray 1% ferrous sulphate with 1% Urea at 15 days interval till deficiency symptoms clear.
Vegetables	Vegetative and flowering	Prevailing dry weather situation is favourable for the mite attack in vegetables. Hence the farmers are requested to monitor the crop and if needed spray Propergite @ 2.5 ml or Spiromesfen @ 0.5 ml per liter of water
Banana		Summer rain may be accompanied with squally winds. Provide adequate stacking to 5 months old and above banana against lodging. Heart rot disease in banana is being observed in some pockets hence 20gm bleaching powder may be mixed in 1 litre of water and applied to nearby areas of tree.
Coconut		Basin of Coconut may be harrowed with spade and khurpi or hand hoe to conserve rain water received from anticipated rainfall. Light drizzling is alone expected, hence irrigation may be done according to soil moisture especially coconut and banana.
Turmeric	Planting	Considering the prevailing weather ploughing may be done for planting turmeric. During last ploughing, applied FYM @ 12.5 tons per hectare.
Animal Husbandry		Rain may be accompanied with thunders and lightening. Hence during the rain animals may not be allowed for open grazing. Farmers are requested to cut off the power connection to the cattle and poultry sheds since thunderstorm and lightening is expected. Further they are requested to safeguard the fodder and food materials of cattle and poultry. In some places Thullumari disease is observed in sheep and goats hence allow the sheep and goats only during sunshine hours. Further they are requested to vaccinate in nearby veterinary hospital.

SMS advisory

Summer rain may be accompanied with squally winds. Provide adequate stacking to 5 months old banana against lodging.

Tiruppur

Crop	Stage	Advisory
General		Rainfall with thunderstorm and lightning is likely to occur in isolated places the Western Ghats districts. To harvest the summer rain and to facilitate the crop residue recycling, plough the harvested and fallow lands against the slopes with inverting type plough. Since the cloud cover is more and expecting thunderstorm, soil application

		of nutrients may be avoided for all irrigated crops. Rain may washout the sucking pest in vegetable crops. Do not spray pesticides.
Sorghum	Sowing	Considering the drizzling sowing of irrigated sorghum may be taken in the ploughed area followed by irrigation.
Sugarcane	Vegetative	Detrashing (removing dry cane leaves) may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall. By utilizing received and anticipated rainfall, late season sugarcane can be planted. Before planting treat the setts with 0.1% carbendazim for 15 minutes. Because of continuous rainfall iron deficiency may be noticed in early season planted sugarcane. Then spray 1% ferrous sulphate with 1% Urea at 15 days interval till deficiency symptoms clear.
Vegetables	Vegetative and flowering	Prevailing dry weather situation is favourable for the mite attack in vegetables. Hence the farmers are requested to monitor the crop and if needed spray Propergite @ 2.5 ml or Spiromesfen @ 0.5 ml per liter of water
Banana		Summer rain may be accompanied with squally winds. Provide adequate stacking to 5 months old and above banana against lodging. Heart rot disease in banana is being observed in some pockets hence 20gm bleaching powder may be mixed in 1 litre of water and applied to nearby areas of tree.
Coconut		Basin of Coconut may be harrowed with spade and khurpi or hand hoe to conserve rain water received from anticipated rainfall. Light drizzling is alone expected, hence irrigation may be done according to soil moisture especially coconut and banana.
Animal Husbandry		Rain may be accompanied with thunders and lightening. Hence during the rain animals may not be allowed for open grazing. Farmers are requested to cut off the power connection to the cattle and poultry sheds since thunderstorm and lightening is expected. Further they are requested to safeguard the fodder and food materials of cattle and poultry. In some places Thullumari disease is observed in sheep and goats hence allow the sheep and goats only during sunshine hours. Further they are requested to vaccinate in nearby veterinary hospital.

SMS advisory

Summer rain may be accompanied with squally winds. Provide adequate stacking to 5 months old banana against lodging.

Nilgiris

Agro Advisory

Crop	Stage	Advisory
		As there is forecast of light to moderate rainfall in next five days, irrigation and spraying of chemicals may be avoided during the rainy days.

General	All the stage	Due to rainfall, farmers are advised to drench the soil with Trichoderma viride @ 5g/lit to prevent wilt diseases in vegetable crops.
Potato crop	Vegetative stage	Using expected rainfall, in potato crop, apply 50 kg Urea, 266 kg super phosphate and 40 kgs of potash at the time of 30 days after sowing as top dressing.
Horticulture crops	Sowing	To control white grub in hill horticultural crops, farmers can apply Metarrhizium anisopliae along with neem cake (200 kg per ha) at the time of sowing the crop.
Plantation crops		Due to weather prevailing, soil drenching with dolomite for maintaining the soil pH.
Livestock		To milk cattle, feed with green grass, mineral mixture and salt. Make them graze during cooler hours.

SMS advisory

As there is forecast of light to moderate rainfall in next five days, irrigation and spraying of chemicals may be avoided during the rainy days.

Ariyalur

Agro-meteorological Advisory • To prevent sesame from bacterial blight infestation, Spray streptomycin 500 ppm 120 g/ acre. • ADT 5 blackgram variety is suitable for the summer ensuing irrigated sowing. Due to prevailing weather the leaf blight incidence may occur in cotton. To control leaf blight in cotton, Spray mancozeb 2 kg/ha immediately after the symptom appearance and 2- 3 times once in 15 days. • Due to heat wave forecasted in coming days farmers are advised to spread the coconut leaves or paddy straws over the roof of the animal shed and spray cold water to reduce heat stress to the animals. SMS advisory • Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.

Karur

Agro-meteorological Advisory • To prevent sesame from bacterial blight infestation, Spray streptomycin 500 ppm 120 g/ acre. • ADT 5 blackgram variety is suitable for the summer ensuing irrigated sowing. Due to prevailing weather the leaf blight incidence may occur in cotton. To control leaf blight in cotton, Spray mancozeb 2 kg/ha immediately after the symptom appearance and 2- 3 times once in 15 days. • Due to heat wave forecasted in coming days farmers are advised to spread the coconut leaves or paddy straws over the roof of the animal shed and spray cold water to reduce heat stress to the animals. SMS advisory • Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.

Nagapattinam

Agro-meteorological Advisory • Farmers are advised to harvest the matured blackgram and greengram plants. due to low rainfall forecast in the Cauvery delta zone. • As dry weather is expected during the coming days dry well under sun thresh dry the grains to 9% moisture before storage. ADT 5 blackgram variety is suitable for the summer ensuing irrigated sowing. • Due to heat wave forecasted in coming

days farmers are advised to spread the coconut leaves or paddy straws over the roof of the animal shed and spray cold water to reduce heat stress to the animals. SMS advisory • ADT 5 blackgram variety is suitable or the summer ensuing irrigated sowing.

Perambalur

Agro-meteorological Advisory • To prevent sesame from bacterial blight infestation, Spray streptomycin 500 ppm 120 g/ acre. • ADT 5 blackgram variety is suitable or the summer ensuing irrigated sowing. Due to prevailing weather the leaf blight incidence may occur in cotton. To control leaf blight in cotton, Spray mancozeb 2 kg/ha immediately after the symptom appearance and 2- 3 times once in 15 days. • Due to heat wave forecasted in coming days farmers are advised to spread the coconut leaves or paddy straws over the roof of the animal shed and spray cold water to reduce heat stress to the animals. SMS advisory • Farmers are advised to provide adequate drainage facilities to all crops due to low to moderate rainfall forecast in the Cauvery delta zone.

Thanjavur

Agro-meteorological Advisory • Farmers are advised to harvest the matured blackgram and greengram plants. due to low rainfall forecast in the Cauvery delta zone. • As dry weather is expected during the coming days dry well under sun thresh dry the grains to 9% moisture before storage. ADT 5 blackgram variety is suitable or the summer ensuing irrigated sowing. • Due to heat wave forecasted in coming days farmers are advised to spread the coconut leaves or paddy straws over the roof of the animal shed and spray cold water to reduce heat stress to the animals. SMS advisory • ADT 5 blackgram variety is suitable or the summer ensuing irrigated sowing.

Thiruvarur

Agro-meteorological Advisory • Farmers are advised to harvest the matured blackgram and greengram plants. due to low rainfall forecast in the Cauvery delta zone. As dry weather is expected during the coming days dry well under sun thresh dry the grains to 9% moisture before storage. • ADT 5 blackgram variety is suitable or the summer ensuing irrigated sowing. • Due to heat wave forecasted in coming days farmers are advised to spread the coconut leaves or paddy straws over the roof of the animal shed and spray cold water to reduce heat stress to the animals. SMS advisory • ADT 5 blackgram variety is suitable or the summer ensuing irrigated sowing.

Thiruchirapalli

Tamilnadu's average rainfall is likely to be increase than the normal during this week (25.04.2021 to 01.05.2021) From 1.48 mm to 1.09 mm. Plough the land immediately after harvesting the crop which helps to manage weed growths, save summer rainfall.

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to prevailing weather the leaf blight incidence may occur in cotton. To control leaf blight in cotton, Spray mancozeb 2 kg/ha immediately after the symptom appearance and 2-3 times once in 15 days.
SESAME (GINGELLY/TIL)	To prevent sesame from bacterial blight infestation, Spray streptomycin 500 ppm 120 g/ acre.

SUNFLOWER	Prevent sunflower from leaf hopper, before planting treat the seeds with Imidacloprid 70 WS @ 7g/kg. It will protect your crop from pest & disease upto 7 weeks.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Before cultivating the brinjal in may month, treat the brinjal seeds with trichoderma viride at 4 g/kg. It will protect your crop from fungal diseases.
MANGO	To control nut weevil in mango, Collect and destroy the fallen fruits. Maintain hygiene in storage place. during before the flowering stage, spray pesticide directly under the trees.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Due to rain fall event cattle shed and cow penning areas probably in moist condition. So kindly keep the cattle shed in dry condition and use disinfectant like lime.

Dindigul

Thunderstorm, Lightning with Light to moderate rain is likely to occur at isolated places over the district during 27, 28 & 29 April 2021. Extended Range Forecast for Tamil Nadu & Puducherry (30.04.2021 - 06.05.2021): Tamilnadu and Puducherry Region is likely to receive Above Normal Rainfall during subsequent one week 30 April to 06 May 2021. Chances of drizzles during the next five days. Max temp-38°C & Min temp -26°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SE& S directions.

Horticulture(Varieties)	Horticulture Specific Advisory
LEMON	To increase the fruit set of lemon, spray Isabion @ 10ml per 10 litres of water or Amino acid @ 10gm per 10 litres of water during the flowering stage. For fruit retention, spray NAA @ 30 ppm after fruit set (marble size).
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Considering the increase in temperature, to protect your cow from heat, give 3 grinded Indian goose berry (Amla) to your cow along with the regular feed. Take one handful of Fenugreek with one handful of dried Indian gooseberry, soak and grind it, then mix it with cattle feed and fed to cow daily.

Madurai

THUNDERSTORM WARNING: Thunderstorm with lightning is likely to occur at isolated places over the district on 27 & 28 April 2021 Extended Range Forecast for Tamil Nadu & Puducherry (30.04.2021 - 06.05.2021): Tamilnadu and Puducherry Region is likely to receive Above Normal Rainfall during subsequent one week 30 April to 06 May 2021. Chances of drizzles during 28, 29 & 30 Apr. Max temp-38°C & Min temp -26°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SE& S directions.

Crop(Varieties)	Crop Specific Advisory
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JASMINE	Due to the prevailing weather condition, the occurrence of wilt is expected in Jasmine. The symptoms starts out looking like vein clearing on the younger leaves and drooping of older lower leaves, followed by stunning, yellowing of the lower leaves, defoliation, marginal necrosis and plant death. To control spray Trichoderma Viride @ 40gm with 10 litres of water, before spraying remove the sprayer nozzle and pour the solution into the root portion.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Considering the increase in temperature, to protect your cow from heat, give 3 grinded Indian goose berry (Amla) to your cow along with the regular feed. Take one handful of Fenugreek with one handful of dried Indian gooseberry, soak and grind it, then mix it with cattle feed and fed to cow daily.

Pudukottai

Extended Range Forecast For TamilNadu & Puducherry (02 .1.2021, 08.05.2021(:During the Week from 02 th to 08 th May Below Normal is likely to occur over Tamilnadu & Puducherry. Raise green manure crop by using unexpected rainfall during summer months.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	As the Rice-Fallows blackgram is now matur ty stage, the mature pods should be plucked and dried. Dry the Blackgram seeds until they reach a moisture content of about 9-10%. Store 100 kg of seeds mixed with one liter of neem oil or 1 kg of stimulated clay to prevent beetles from attacking during storage.
BLACK GRAM	Farmers who have been cultivating Black Gram can control the pests by spraying imidacloprid at the rate of 0.5 ml per liter of water to control Yellow Mosaic Virus.
Horticulture(Va rieties)	Horticulture Specific Advisory
COCONUT	For the control of coconut rugose spiraling whitefly ,avoid application of insecticides to encourage natural enemies and setting up of yellow sticky traps coated with castor oil @ 8/acre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	feed should be mixed with 40 g of mineral salts, 50 g of dry yeast or 150 g of sodium bicarbonate with summer fodder. This reduces the heat dissipation that occurs in dairy cows and increases the amount of milk and the amount of fat and non-fat solids in the milk.
GOAT	Due to the lack of sufficient grass for goats 100 to 200 grams of concentrated fodder should be given daily..
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory

GENERAL ADVICE	Summer ploughed lands can be ploughed in the summer to control weeds and pests using the rainfall and expected rainfall in a few places in the last week.
GENERAL ADVICE	Vegetable crops in flowering stage is exhibits micro nutrient deficiency. Hence the farmers are requested to spray vegetable micronutrient mixture / booster @ 3 – 5 gram / litre of water along with sticking agent 1 ml / litre of water for 3 times at 10 days interval to prevent flower and fruit drop.

Ramanathapuram

From extended range forecast, Above normal rainfall, below normal maximum temperature and normal minimum temperature expected for the period of May 02 to May 08 over Tamil Nadu. In dairy cattle along with concentrate feed 50gm of sodium bicarbonate helps to reduce acidosis and increase milk yield.

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to the prevailing weather condition incidence of mealy bug is expected in cotton. The damage symptoms are heavy clustering of mealy bugs usually seen under surface of leaves as a thick mat with waxy secretion and excrete copious amount of honey dew on which the fungus sooty mould grow Affected plants appear sick and black, resulting reduced fruiting capacity. If symptoms are observed in cotton field apply neem oil 2% or fish oil rosin soap 25g/liter of water.
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Due to the prevailing weather condition incidence of Fruit rot (Anthracnose) is expected in chilli. Diseased plant branches and younger leaves get withered. Brown discoloration and small black spot appears on infested fruits. If symptoms are appear in the field spray mancozeb @ 400 g/ac with 200 liter of water
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Due to prevailing weather condition, cattle are affected with tiredness, so that the cattle growers are advised to feed their calf with 30gms of mineral mixture per day. Also, deworm your calf in regular schedule with the support of nearby veterinarian.

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Spray recommended dose of chemicals with 0.5 ml of Sticky liquid in the morning or evening using hand sprayer to spread evenly on the leaves. Also spray a chemical on rotation basis. When spraying with hand sprayer, the recommended dosage should be mixed with 200 liters of water per acre and 500 liters of water per hectare. When using a Knapsack sprayer, spray recommended dosage should be mixed with 60 liters of water and 150 liters of water per hectare.

Sivagangai

THUNDERSTORM WARNING: Thunderstorm with lightning is likely to occur at isolated places over the district on 27 & 28 April 2021 Extended Range Forecast for Tamil Nadu & Puducherry (30.04.2021 - 06.05.2021): Tamilnadu and Puducherry Region is likely to receive Above Normal Rainfall during subsequent one week 30 April to 06 May 2021. For the next five days, Max temp-38°C & Min temp - 26°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SE& S directions.

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Due to the prevailing weather condition the incidence of Rhinoceros beetle is expected in Coconut. The symptom appears on fronds. The adult beetle bores into the unopened fronds and spathes. The attacked frond when fully opened shows characteristic triangular cuts. To control this, place 6 Naphthalene balls per tree in the middle of the frond and root feed with Carbosulphan @ 25ml + 75ml of water.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Considering the increase in temperature, to protect your cow from heat, give 3 grinded Indian goose berry (Amla) to your cow along with the regular feed. Take one handful of Fenugreek with one handful of dried Indian gooseberry, soak and grind it, then mix it with cattle feed and fed to cow daily.

Theni

Thunderstorm, Lightning with Light to moderate rain is likely to occur at isolated places over the district during 27, 28 & 29 April 2021. Extended Range Forecast for Tamil Nadu & Puducherry (30.04.2021 - 06.05.2021): Tamilnadu and Puducherry Region is likely to receive Above Normal Rainfall during subsequent one week 30 April to 06 May 2021. Chances of drizzles during the next five days. Max temp-37°C & Min temp -25°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from S direction.

Horticulture(Varieties)	Horticulture Specific Advisory
GRAPES	Due to the prevailing weather condition the occurrence of Mealy bug is expected in Grapes. The symptoms of damage found in the fruit. Fruits will drop at premature stage. Collect damaged bark, leaves, twigs and stems. Use sticky traps on fruit bearing shoots. To control, release exotic predator, <i>Cryptolaemus montrouzieri</i> @ 10 beetles / vine.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Considering the increase in temperature, to protect your cow from heat, give 3 grinded Indian goose berry (Amla) to your cow along with the regular feed. Take one handful of Fenugreek with one handful of dried Indian gooseberry, soak and grind it, then mix it with cattle feed and fed to cow daily.

Virudhunagar District

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is expected on next five days (8:30hrs). Postpone the irrigation.
Dry land cultivation	Crop residue recycling	In order to improve the soil quality recycles the residues of harvested crops of maize, sorghum and pulses. Use rotovator or rotoslasher for cutting the residues into small pieces and incorporate them into the soil.
Citrus	Citrus Canker	The prevailing weather condition is conducive for incidence of citrus canker disease, spray of Copper oxychloride (COC) @ 0.3% followed by 4 sprayings with Streptomycin 100 ppm + COC @ 0.3 % at monthly intervals after pruning.
Cucumber	Fruity fly	Collect the affected fruits and destroy. Install cucurbit fruit fly trap@ 4/ acre.

SMS: Rain: 28-02.05.2021- 3, 1, 2, 2 & 2 mm. Advised to postpone the irrigation. However, if the crop is under stress irrigate the crop.

Tirunelveli District

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light to moderate rainfall is predicted for 28.04.2021 to 02.05.2021. Postpone the irrigation.
Paddy	Tillering stage	Prevailed weather is conducive for Leaf folder. So farmers are advised to spray Azadirachtin 0.03% 1000ml/ha. (or) Chlorontrinirole 18.5%SC @ 150g/ha. (or) Thiamethoxam 25% WG @ 100g/ha. In the prevailing weather condition sucking pest - Thrips occurrence is noticed. Symptoms- Leaf shows discoloration and rolling. Yellow (or) silvery streaks on the leaves of young

		seedlings. Terminal rolling and drying of leaves from tip to base. Spray Azadirachtin 0.15% W/W @1500-2500 g/ha. (or) Thiamethoxam 25% WG 100 g/ha.
Guava	Flowering stage	Prevailing weather is conducive for Tea mosquito bug. Spray malathion 2ml/lit water. (or) Thiamethoxam 25WG 40g/acre (or) Profenophos 2ml/acre. Spray 3% neem oil at 3 weeks interval for 4 times. (or) Collect and destroy the damaged plant parts
Dry land cultivation	Crop residue recycling	In order to improve the soil quality recycles the residues of harvested crops of maize, sorghum and pulses. Use rotovator or rotoslasher for cutting the residues into small pieces and incorporate them into the soil.
Citrus	Citrus Canker	The prevailing weather condition is conducive for incidence of citrus canker disease, spray of Copper oxychloride (COC) @ 0.3% followed by 4 sprayings with Streptocyclin 100 ppm + COC @ 0.3 % at monthly intervals after pruning.
Animal husbandry	Bluetongue Livestock Disease Forecast of May month	Blue tongue and Foot and mouth diseases – low risk

SMS: Rain: 28-02.05.2021- 5, 5, 1, 2 & 2 mm. Postpone the irrigation. If the rainfall intensity is high and runoff is noticed avoid fertilizer application.

Thoothukudi District

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted on 28.04.2021. Irrigation may be given.
Dry land cultivation	Crop residue recycling	In order to improve the soil quality recycles the residues of harvested crops of maize, sorghum and pulses. Use rotovator or rotoslasher for cutting the residues into small pieces and incorporate them into the soil.
Citrus	Citrus Canker	The prevailing weather condition is conducive for incidence of citrus canker disease, spray of Copper oxychloride (COC) @ 0.3% followed by 4 sprayings with Streptocyclin 100 ppm + COC @ 0.3 % at monthly intervals after pruning.
Animal husbandry	Bluetongue Livestock Disease Forecast of May month	Blue tongue and Foot and mouth diseases – low risk

SMS: Rain: 28.04.2021 - 3.0 mm. Based on nowcast forecast irrigation may be decided.

Tamil Nadu		
Next five days	Thunderstorm Warning	Thunderstorm with light to moderate rain is likely to occur at isolated places over Western Ghat districts, Kanyakumari, Tirunelveli and Thenkasi districts on Day 1 (27.04.2021). Thunderstorm with light to moderate rain is likely to occur

		at isolated places over. Western Ghat districts of Tamil Nadu on Day 2(28.04.2021). Light to moderate rain is likely to occur at isolated places over Western Ghat districts of Tamilnadu on Day 3 (29.04.2021). Light rain is likely to occur at isolated places over Western Ghat districts of Tamil Nadu on Day 4 (30.04.2021) and Day 5(01.05.2021).
	Thunderstorm Warning	Day 1(27.04.2021) to Day 2(28.04.2021): Thunderstorm with lightning is likely to occur at isolated places over Tamil Nadu.
Extended range forecast	Subsequent two weeks	Week (02.05 to 8.05) Rainfall: is predicted to be above normal rainfall (Normal: 1.17mm and predicted: 1.92mm) Maximum temperature: is predicted to be below normal (Normal: 35.79oC and predicted: 33.63oC) Minimum temperature: is predicted to be below normal (Normal: 25.07oC and predicted: 24.51oC)

Salem

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Jasmine	Vegetative	For red spider mite incidence in jasmine, spraying of fenazagnin 10%EC @ 2ml/litre is recommended.
Sunflower	Vegetative	Prevent sunflower from leaf hopper, before planting treat the seeds with Imidacloprid 70 WS @ 7g/kg. It will protect your crop from pest & disease upto 7 weeks.
Coconut	Vegetative	To control & decreases the button shedding in coconut, Give root feeding of the coconut tonic @ 200 ml/palm at 6 months interval.
Sorghum	Vegetative	Due to prevailing weather the Aphids infestation may occur in sorghum. To control Aphids Spray Dimethoate 30EC 500 ml/ha.
Chillies	Vegetative	In chillies for the management of thrips spray imidacloprid 17.8sl @3ml/10 lit or acetamiprid 20sp@ 1.0gm / 10 lit or emactin 5 sg @ 4 gm/ 10 ltr
Brinjal	Vegetative	Prevailing weather is favorable for shoot and fruit borer incidence in brinjal. To control spray Azadirachtin 1.0% EC 3.0 ml/lit or Chlorpyrifos 20 % EC 2.0 ml/lit.
Livestock	General	During this summer season the tick infestation flares up in all livestock. This might cause anemia& makes up way for various disease occurrence. The animal will be dull & depressed, difficulty in feed intake. Mix 3ml of butox in 1 litre of water and wash the animals with damp cloth.
		Milk fever in cattle can be prevented by feeding low calcium diet 2-3

		weeks prior to calving and by providing high calcium diet after calving for 10-15 days.
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Namakkal

Livestock, poultry & Crop	Stage	Weather advisory
General	Advisory	<p><u>Some tips for livestock and poultry farmers to follow during off-farm / outside farm sales to protect against COVID -19</u></p> <p>Farmers to wear face mask and hand gloves while marketing of livestock, eggs and poultry in the farm gate or in markets. Social distance should be followed during the sale of the products. When selling goat, pig or poultry as meat or its byproducts, equipment used should be properly washed and cleaned with disinfectant (5% Lysol or 1% hypochlorite solution). After proper disposal of meat waste, the area should be cleaned with disinfectants. Spitting in farm premises or in any public places should be avoided strictly. Cover your nose and mouth with elbows or hand kerchief during coughing and sneezing.</p>
Poultry	Desi birds	<p><u>Advisories for native chicken during summer</u></p> <p>Good quality drinking water may be made available throughout the day. Desi birds reared under intensive method will have pecking problem and loss of feather on their back, due to summer heat and high stocking density. Hence, farmers are advised to add salt generously in the poultry feed (not less than 0.50%) and to increase space for their birds as for the standards. Amla/butter milk or lemon juice (0.1 to 0.3%) may be added in good quality drinking water to alleviate stress in birds. During summer season microbial load will be more in drinking water. Hence farmers are advised to use water sanitizer (Bleaching powder 15 gm /1000 litre of water or 50 % hydrogen peroxide 8 ml / 1000 litre of water with 30 minutes contact time) Desi birds should be vaccinated against Ranikhet Disease on 7th day with F1 strain (Eye drop), on 28th day with Lasota (Eye drop) and on 56th day with RDVK vaccine.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Groundnut	Sowing	Farmers are requested to apply farm yard manure @ 5 ton / acre, urea @ 11 kg / acre, 125 kg super, 50 kg muriate of potash and 80 kg gypsum as basal dose for ground nut crop.
Tomato	Sowing	To prevent heat stress in tomato crop during this summer months, it is instructed to sow agathi or chithagathi or castor seed in ridges and around the tomato field at 5 – 6 feet spacing.

Tapioca	Vegetative	Tapioca farmers are requested to utilize the rainfall by applying top dressing of fertilizers and well decomposed farm yard manure to 4 – 5 months old tapioca crops. After manuring it is advised to do earthing up operation.
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Dharmapuri

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Dharmapuri :		
Coconut	General	To control button shedding in coconut trees, give root feeding of TNAU coconut tonic@ 200ml/tree 6 months interval .
Crops	General	Prevailing soil moisture is suitable for summer ploughing. It helps to rainfall harvesting and prevents runoff and soil erosion.
Paddy	Panicle Initiation	In paddy foliar spray of 1% urea + 2% DAP + 1% KCl at Panicle Initiation and 10 days later second spraying is suggested to increase yield.
Cassava	Vegetative	Spraying of cassava tonic 200 litter/acre at 2 nd , 3 rd and 4 th month after planting. It helps to improve yield and quality.
Cassava	Vegetative	Cassava tonic precreation has mentioned below: 40 kg cowdung mixed in 200 lit of water and filter it. (there are three bags in cassava booster) Add 1 kg of bag 1 and 1 kg bag 2, stir well twice in 10 days interval, tie the container with gunny bag and keep mixture for fermentation. Filter the fermented solution and add nutrient mixture (bag 3) and mix well and make up to 200 lit with water and spray three times from one month after planting at 21 days interval.

Krishnagiri

Livestock, poultry & Crop	Stage	Weather advisory

General	Advisory	<p><u>Some tips for livestock and poultry farmers to follow during off-farm / outside farm sales to protect against COVID -19</u></p> <p>Farmers to wear face mask and hand gloves while marketing of livestock, eggs and poultry in the farm gate or in markets. Social distance should be followed during the sale of the products. When selling goat, pig or poultry as meat or its byproducts, equipment used should be properly washed and cleaned with disinfectant (5% Lysol or 1% hypochlorite solution). After proper disposal of meat waste, the area should be cleaned with disinfectants. Spitting in farm premises or in any public places should be avoided strictly. Cover your nose and mouth with elbows or hand kerchief during coughing and sneezing.</p>
Poultry	Desi birds	<p><u>Advisories for native chicken during summer</u></p> <p>Good quality drinking water may be made available throughout the day.</p> <p>Desi birds reared under intensive method will have pecking problem and loss of feather on their back, due to summer heat and high stocking density. Hence, farmers are advised to add salt generously in the poultry feed (not less than 0.50%) and to increase space for their birds as for the standards.</p> <p>Amla/butter milk or lemon juice (0.1 to 0.3%) may be added in good quality drinking water to alleviate stress in birds</p> <p>During summer season microbial load will be more in drinking water. Hence farmers are advised to use water sanitizer (Bleaching powder 15 gm /1000 litre of water or 50 % hydrogen peroxide 8 ml / 1000 litre of water with 30 minutes contact time)</p> <p>Desi birds should be vaccinated against Ranikhet Disease on 7th day with F1 strain (Eye drop), on 28th day with Lasota (Eye drop) and on 56th day with RDVK vaccine.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Groundnut	Sowing	Farmers are requested to apply farm yard manure @ 5 ton / acre, urea @ 11 kg / acre, 125 kg super, 50 kg muriate of potash and 80 kg gypsum as basal dose for ground nut crop.
Tomato	Sowing	To prevent heat stress in tomato crop during this summer months, it is instructed to sow agathi or chithagathi or castor seed in ridges and around the tomato field at 5 – 6 feet spacing.
Tapioca	Vegetative	Tapioca farmers are requested to utilize the rainfall by applying top dressing of fertilizers and well decomposed farm yard manure to 4 – 5 months old tapioca crops. After manuring it is advised to do earthing up operation.

Karaikal

Weather based Agro-Advisories

To control rice stem borer, spray CartapHydrochloride 50 % SP @ 1000 g/ha or fipronil 5% SC 1000-1500 ml/ha. To control tobacco cutworm in cotton, spray Chlorantraniliprole 18.5% SC @150 ml/ha or Spinetoram 11.7 % SC @ 420-470 ml/ha after 3 p.m. To manage weeds in cotton, hand weeding on 45 DAS or apply post emergence herbicide pyriithiobac sodium @ 62.5g a.i./ha + quizalofop ethyl @ 50 g a.i./ha at 45 DAS. To control spiralling whitefly in coconut, spray water forcibly and set up yellow sticky trap @ 8 numbers /ac. In severe cases, spray neem oil 0.5 %+ tween 80 (0.005%). 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 advisory:

Very light rain may occur from 30th April to 02nd May.

Puducherry

Weather based Agro-Advisories

To control brown plant hopper in rice, apply pymetrozine 50 WG @ 300 g or Thiamethoxam 25 WG 100 g /ha. To control rice stem borer, spray CartapHydrochloride 50 % SP @ 1000 g/ha or fipronil 5% SC 1000-1500 ml/ha. To manage leaf folder in rice, apply azadirachtin 0.03 % (300 ppm) @ 2000 ml/ha or cartaphydrochloride 50 SP @ 1000 g/ha. To control spiralling whitefly in coconut, spray water forcibly and set up yellow sticky trap @ 8 numbers /ac. In severe cases, spray neem oil 0.5 %+ tween 80 (0.005%). 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 advisory:

As dry weather is likely to prevail in most places during next five days, farmers are advised to apply need based irrigation to the standing crops.

BLOCK LEVEL FORECAST

Nilgiris District

Coonoor Block

Agro Advisory

Crop	Stage	Advisory
General	All the stage	As there is forecast of light rainfall in next five days, irrigation and spraying of chemicals may be scheduling accordingly.
		Due to rainfall, farmers are advised to drench the soil with Trichoderma viride @ 5g/lit to prevent wilt diseases in vegetable crops.
Potato crop	Vegetative stage	Using expected rainfall, in potato crop, apply 50 kg Urea, 266 kg super phosphate and 40 kgs of potash at the time of 30 days after sowing as top dressing.
Horticulture crops	Sowing	To control white grub in hill horticultural crops, farmers can apply Metarrhizium anisopliae along with compost (20 kg per ha) at the time of sowing the crop.
Plantation crops		Due to weather prevailing, soil drenching with dolomite for maintaining the soil pH.
Livestock		To milk cattle, feed with green grass, mineral mixture and salt. Make them graze during cooler hours.

SMS advisory

As there is forecast of light rainfall in next five days, irrigation and spraying of chemicals may be scheduling accordingly.

Kotagiri Block

Agro Advisory

Crop	Stage	Advisory
General	All the stage	As there is forecast of light rainfall in next five days, irrigation and spraying of chemicals may be scheduling accordingly.
		Due to rainfall, farmers are advised to drench the soil with Trichoderma viride @ 5g/lit to prevent wilt diseases in vegetable crops.
Potato crop	Vegetative stage	Using expected rainfall, in potato crop, apply 50 kg Urea, 266 kg super phosphate and 40 kgs of potash at the time of 30 days after sowing as top dressing.
Horticulture crops	Sowing	To control white grub in hill horticultural crops, farmers can apply Metarrhizium anisopliae along with compost (20 kg per ha) at the time of sowing the crop.

Plantation crops		Due to weather prevailing, soil drenching with dolomite for maintaining the soil pH.
Livestock		To milk cattle, feed with green grass, mineral mixture and salt. Make them graze during cooler hours.

SMS advisory

As there is forecast of light rainfall in next five days, irrigation and spraying of chemicals may be scheduling accordingly.

Gudalur Block

Agro Advisory

Crop	Stage	Advisory
General	All the stage	As there is forecast of light rainfall in next five days, irrigation and spraying of chemicals may be scheduling accordingly.
		Due to rainfall, farmers are advised to drench the soil with <i>Trichoderma viride</i> @ 5g/lit to prevent wilt diseases in vegetable crops.
Potato crop	Vegetative stage	Using expected rainfall, in potato crop, apply 50 kg Urea, 266 kg super phosphate and 40 kgs of potash at the time of 30 days after sowing as top dressing.
Horticulture crops	Sowing	To control white grub in hill horticultural crops, farmers can apply <i>Metarrhizium anisopliae</i> along with compost (20 kg per ha) at the time of sowing the crop.
Plantation crops		Due to weather prevailing, soil drenching with dolomite for maintaining the soil pH.
Livestock		To milk cattle, feed with green grass, mineral mixture and salt. Make them graze during cooler hours.

SMS advisory

As there is forecast of light rainfall in next five days, irrigation and spraying of chemicals may be scheduling accordingly.

Ooty Block

Agro Advisory

Crop	Stage	Advisory
General	All the stage	As there is forecast of light to moderate rainfall in next five days, irrigation and spraying of chemicals may be scheduling accordingly.
		Due to rainfall, farmers are advised to drench the soil with <i>Trichoderma viride</i> @ 5g/lit to prevent wilt diseases in vegetable crops.

Potato crop	Vegetative stage	Using expected rainfall, in potato crop, apply 50 kg Urea, 266 kg super phosphate and 40 kgs of potash at the time of 30 days after sowing as top dressing.
Horticulture crops	Sowing	To control white grub in hill horticultural crops, farmers can apply <i>Metarrhizium anisopliae</i> along with compost (20 kg per ha) at the time of sowing the crop.
Plantation crops		Due to weather prevailing, soil drenching with dolomite for maintaining the soil pH.
Livestock		To milk cattle, feed with green grass, mineral mixture and salt. Make them graze during cooler hours.

SMS advisory

As there is forecast of light rainfall in next five days, irrigation and spraying of chemicals may be scheduling accordingly.

