



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 036/2021

For the period 0830 IST, 04th May 2021 to
0830 IST, 09th May 2021

Issued on Tuesday, 04th May 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 30.04.21 to 03.05.21 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 34°C – 40°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 18°C – 24°C during the period.

Minimum temperature of range 24°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)	03.05.21	Puducherry
Isolated (Isolated Places)	30.04.21, 01.05.21, 02.05.21 & 03.05.21	Tamil Nadu
Dry	30.04.21, 01.05.21 & 02.05.21	Puducherry

Chief Amounts of Rainfall (in cms):-

30.04.21 : Pechiparai (dist Kanyakumari) 6, Chittar (dist Kanyakumari), Sivalogam (dist Kanyakumari) 4 each, Perunchani Dam (dist Kanyakumari), Puthan dam (dist Kanyakumari) 3 each, Uttamapalayam (dist Theni), Kothagiri (dist Nilgiris), Gudalur Bazar (dist Nilgiris), Shanthi Vijaya School (dist Nilgiris) 2 each, Glenmorgan (dist Nilgiris), Suralacode (dist Kanyakumari) , Edapadi (dist Salem), Devala (dist Nilgiris) , Gudalur (dist Theni) , Kodanadu (dist Nilgiris) , Upper Gudalur (dist Nilgiris) 1 each.

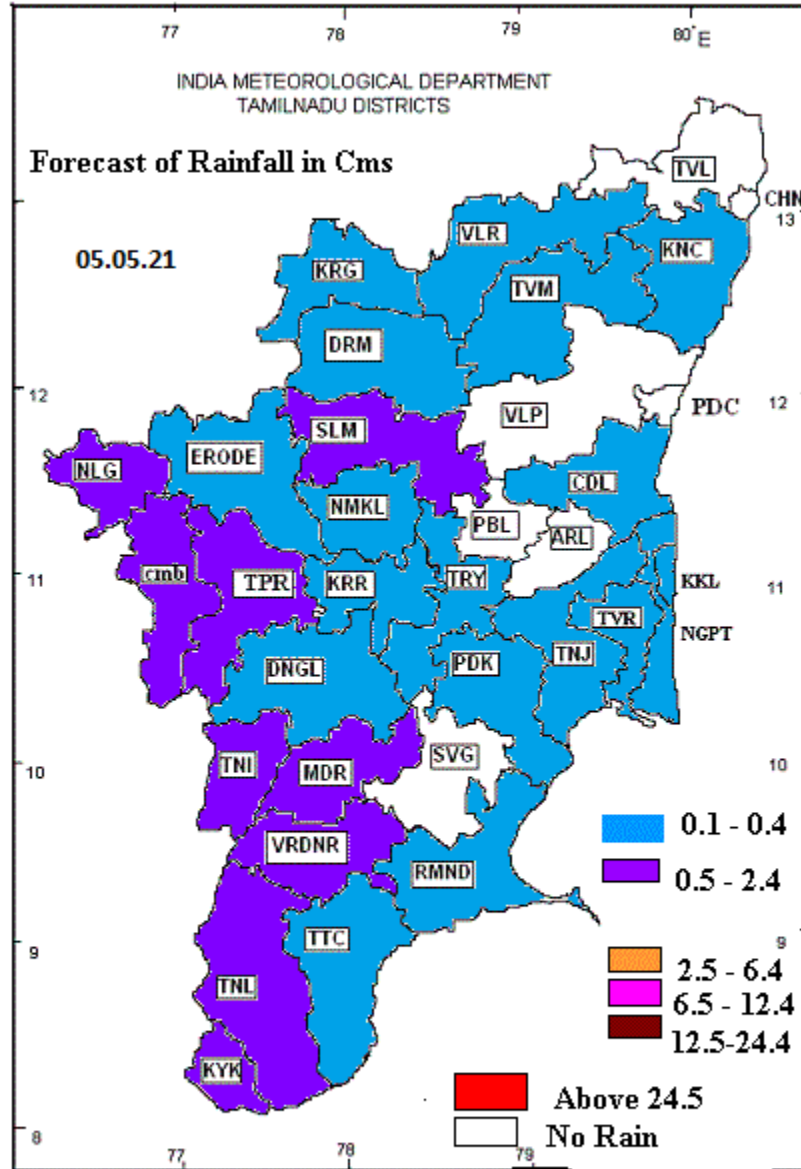
01.05.21 : Eraniel (dist Kanyakumari) 5, Thirumoorthy dam (dist Tiruppur) 4, Bodinaickanur (dist Theni), Nagercoil (dist Kanyakumari) 3 each, Tirupattur PTO (dist Tirupathur), Kuzhithurai (dist Kanyakumari), Kannimar (dist Kanyakumari), Sothuparai (dist Theni) 2 each, Danishpet (dist Salem), Bhoothapandy (dist Kanyakumari), Kodaikanal (dist Dindigul), R.S.mangalam (dist Ramanathapuram) 1 each.

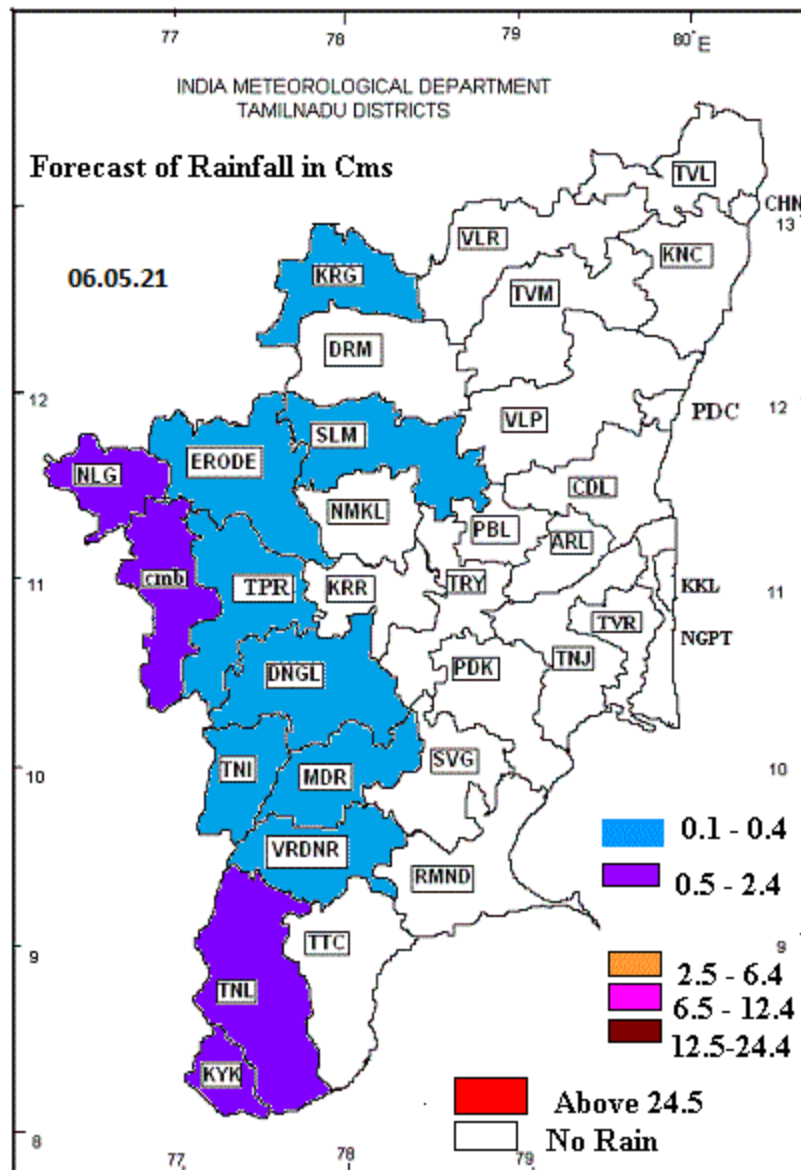
02.05.21 : Pilavakkal (dist Virudhunagar), Watrap (dist Virudhunagar) 7 each, Erumapatti (dist Namakkal), Attur (dist Salem) 4 each, Keeranur (dist Pudukkottai), Valparai Pto (dist Coimbatore), Tondi (dist Ramanathapuram) 3 each, Sattur (dist Virudhunagar), Illuppur (dist Pudukkottai), Uttamapalayam (dist Theni), Uthagamandalam (dist Nilgiris), Pechiparai (dist Kanyakumari), Virudhunagar (dist

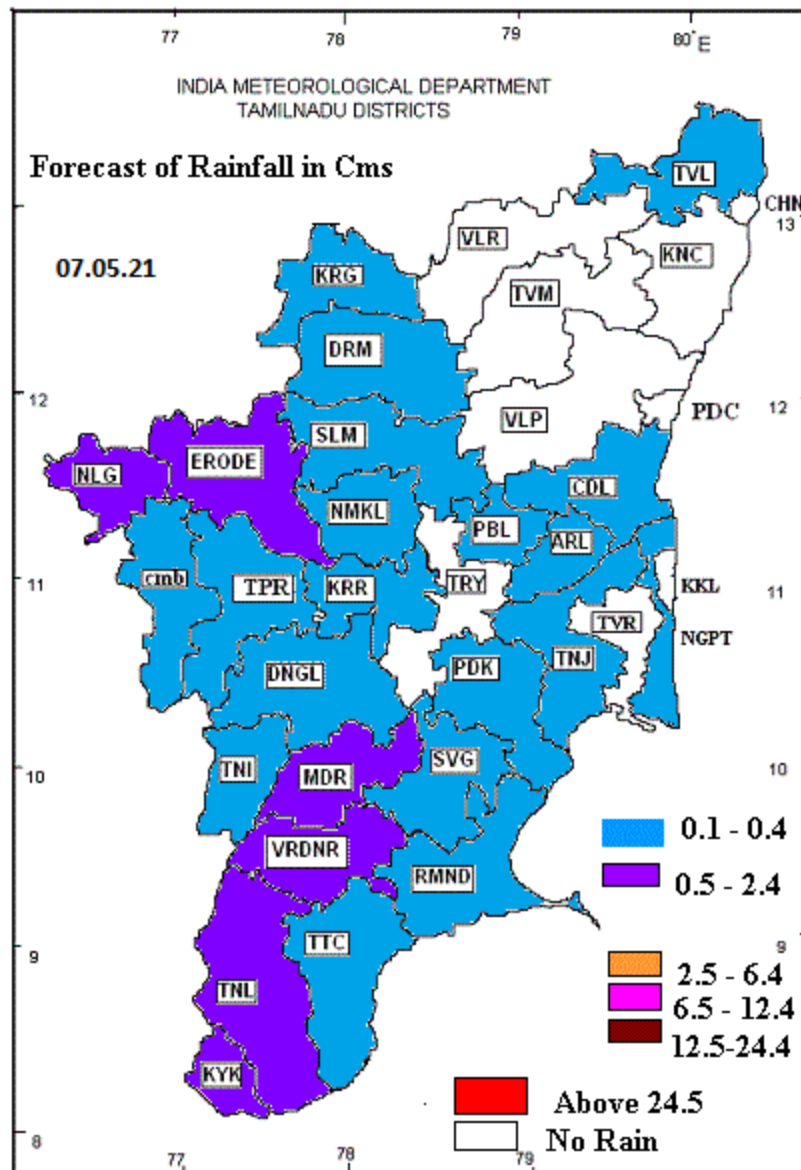
Virudhunagar) 2 each, Ayyampettai (dist Thanjavur), Ketti (dist Nilgiris), Bhoothapandy (dist Kanyakumari), Chittar (dist Kanyakumari), Papanasam (dist Tirunelveli), Srivilliputhur (dist Virudhunagar), Periyakulam (dist Theni), Mudukulatur (dist Ramanathapuram), Bodinaickanur (dist Theni), Kallikudi (dist Madurai), Valinokkam Arg (dist Ramanathapuram) 1 each.

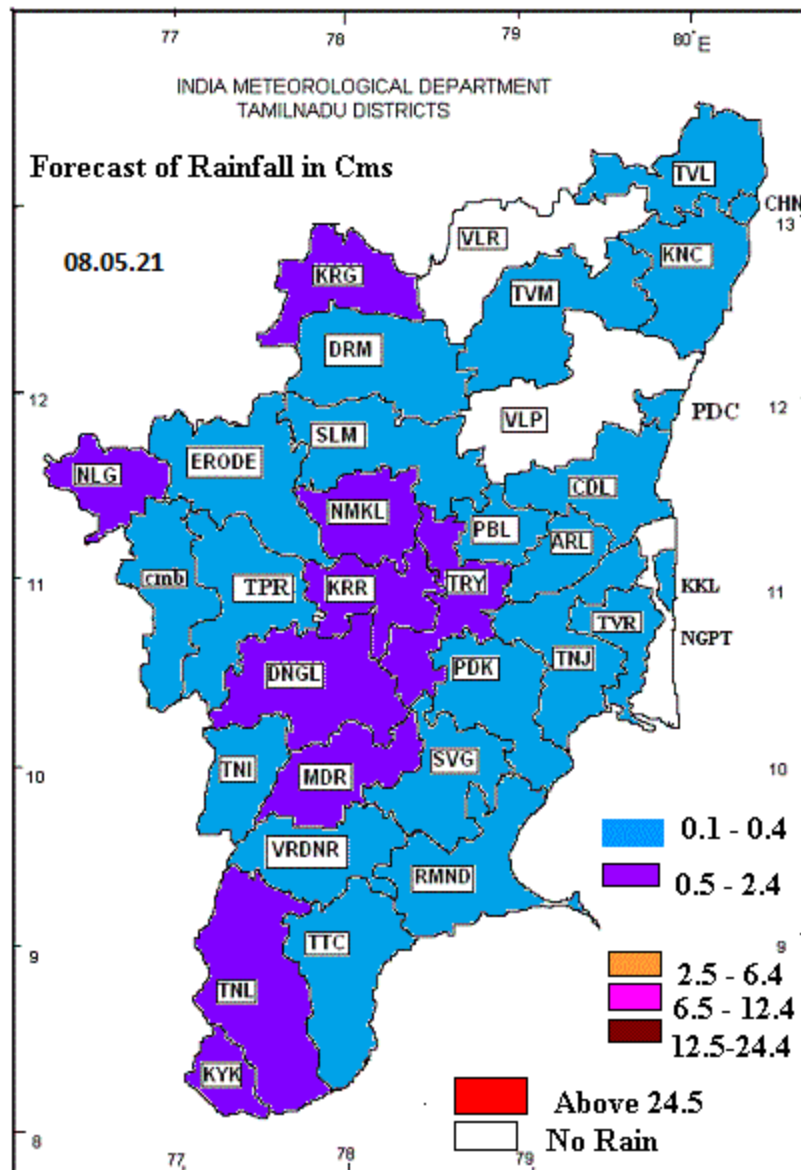
03.05.21 : Coonoor Pto (dist Nilgiris) 11, Coonoor (dist Nilgiris) 9, Thenkasi (dist Thenkasi), Alakari Estate(dist Nilgiris), Adar estate (dist Nilgiris), Billimalai estate (dist Nilgiris), Kothagiri Estate (dist Nilgiris) 7 each; Burliar (dist Nilgiris) 6, Periyakulam (dist Theni), Kothagiri (dist Nilgiris), Nagapattinam (dist Nagapattinam) 5 each, Kadaladi (dist Ramanathapuram), Sivaganga (dist Sivaganga) 4 each, Valinokkam (dist Ramanathapuram), Kovilankulam (dist Virudhunagar), Sattur (dist Virudhunagar), Valinokkam Arg (dist Ramanathapuram), Perunchani Dam (dist Kanyakumari), Sivalogam (dist Kanyakumari) 3 each, Bodinaickanur (dist Theni), Pechiparai (dist Kanyakumari), Bhavanisagar (dist Erode), Chittar (dist Kanyakumari), Suralacode (dist Kanyakumari), Tiruvarur (dist Tiruvarur) 2 each, Ettayapuram (dist Toothukudi), Mayiladuthurai (dist Nagapattinam), Virudhunagar (dist Virudhunagar), Kayathar Arg (dist Toothukudi), Tiruttani (dist Tiruvallur), Madurai South (dist Madurai), Thiruchuzhi (dist Virudhunagar), Karaikal (dist Karaikal), Pilavakkal (dist Virudhunagar), Rajapalayam (dist Virudhunagar), Ambasamudram (dist Tirunelveli), Adirampatnam (dist Thanjavur) 1 each.

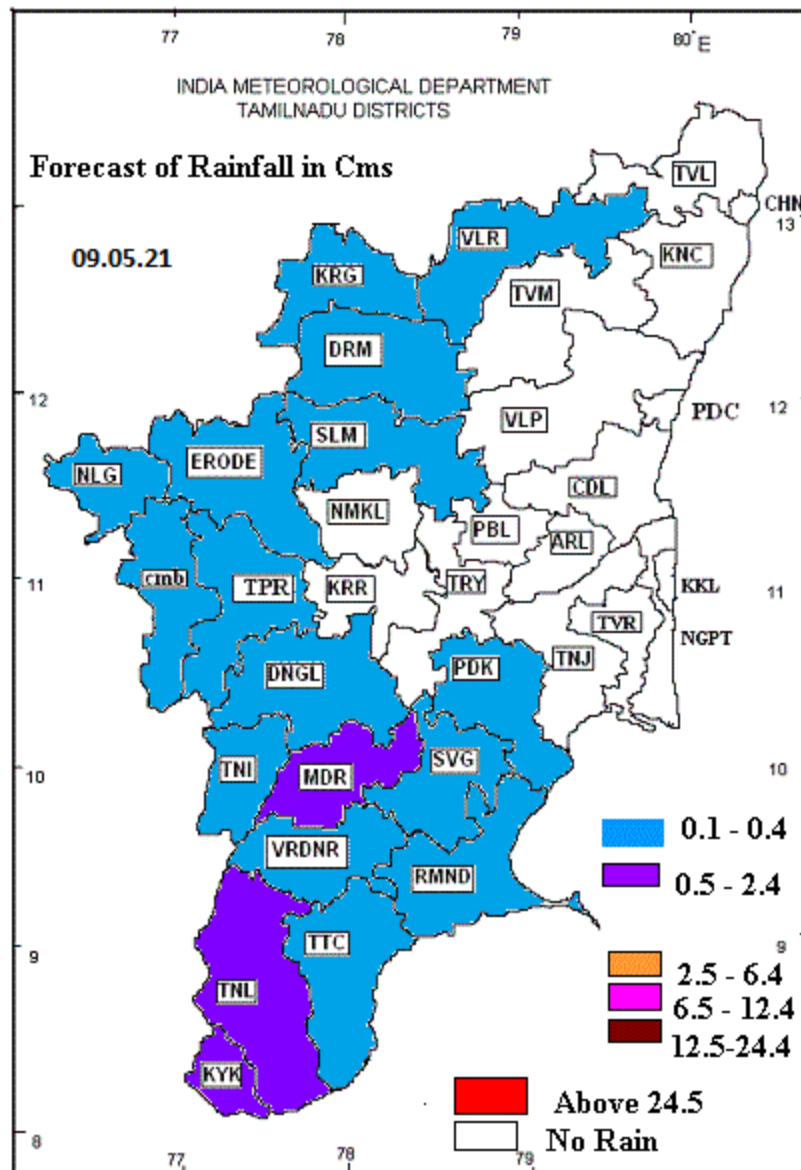
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 04.05.21
VALID FOR THE NEXT 5 DAYS**











Districtwise Agromet Advisories

Chennai

SMS Advisory: Regular vaccination is done for poultry on all Saturday in veterinary dispensaries hence farmers are advised accordingly. 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 09th to 15th May 2021 Tamil Nadu & Pondicherry region may likely to receive higher rainfall than the normal. Rice crop in early vegetative phase farmers may apply the micronutrients @ 0.1-0.2 % as foliar spray. By viewing rainfall forecast Farmers are advised to irrigate their crops fields based on the soil moisture status. 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.

Crop(Varieties)	Crop Specific Advisory
RICE	The forecasted weather may cause Thirps infestation in rice crop. Farmers may take necessary plant protection measures based on symptoms of damage.
RICE	The forecasted weather may cause leaf folder and stem borer infestation in rice for management farmers may spray Chlorantranilprole 18.5% 150 ml/ha.
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.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Farmers are advised to Provide 30 gm mineral mixture to dairy animals to coolant heat stress and improve the production in dairy animals.
GOAT	Farmers are advised not to graze their goat and sheep near the ponds to avoid internal parasite infection and as per the veterinary doctors advised farmers may deworm and detick the animals.
Fisheries(Varieties)	Fisheries Specific Advisory
INLAND	Due to high temperature dissolved oxygen level may be reduced in fish ponds. Farmers may monitor and maintain sufficient water depth or keep aerators in fish and prawn ponds. Farmers may apply 25 kg/ha of Zeolite in fish/prawn ponds at one to two week interval depends on the water quality parameters. To avoid unwanted odour and unwanted debris in fish/prawn ponds. Farmers are advised to supplement vitamin and mineral alone with farm made fish feeds. Water hardness of fish/prawn

	pond may be measured accordingly EDTA @ 2.5kg/ha may be applied to fish/prawn ponds to reduce the hardness in water.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Provide cool potable drinking water ad libitum to avoid heat loss in birds. Provide B-complex supplementation through drinking water to birds to avoid production loss in birds. Farmers are advised to feed the concentrate feed in divided dose early in morning and late evening hours to feed wastage in birds.

Villupuram

SMS Advisory: Regular vaccination is done for poultry on all Saturday in veterinary dispensaries hence farmers are advised accordingly. 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/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).

Thiruvannamalai

SMS Advisory: Regular vaccination is done for poultry on all Saturday in veterinary dispensaries hence farmers are advised accordingly. 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. Coconut: 1. 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. 2. To control Red palm weevil in coconut, setting up of attractant traps (mud pots) containing sugarcane molasses 2½ kg or toddy 2½ litres + acetic acid 5 ml + yeast 5 g 217 + longitudinally split tender coconut stem/logs of green petiole of leaves of 30 numbers in one acre to trap adult red palm weevils in large numbers or Install pheromone trap @1/2 ha. Chilli: Prevailing weather condition is favourable for thrips incidence in chilli. The symptom of damage is infected leaves develop crinckles 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: 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. Jasmine: To control mite in jasmine, remove and destroy the affected parts of plants or spray wettable sulphur 5g/litre. 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. Bottle gourd: To control mealy bug in bottle gourd, spray malathion 50 EC 1.5ml/litre.

Thiruvallur

From the extended range forecast, Above normal rainfall and normal temperature expected for the period of May 09th to May 15th over Tamil Nadu. Based on soil moisture provide irrigation to the crop.

Crop(Varieties)	Crop Specific Advisory
RICE	Navarai Season- Harvesting Stage- 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.
RICE	Sornavari season-Nursery Stage- Thrips- Spray Thiamethoxam 25% WG 4g/20 cent in 40 litre of water.
SUGARCANE	Internodes bore -Release egg parasitoid, Trichogramma chilonis at the rate of @ 2.5 cc/release/acre. Six releases at fortnightly intervals starting from the 4th month onwards. Avoid the use of excessive nitrogenous fertilizers. Collect and destroy the eggs periodically. Detrash the crop on 150th and 210th day of planting.
Horticulture(Varieties)	Horticulture Specific Advisory
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.
GUAVA	Guava- Tea Mosquito Bug- Spray Imidacloprid 0.6 ml/l (or) Thiamethoxam 0.6 g /l.
BITTER GOURD	Bitter Guard- Fruit fly- Mix methyl eugenol + malathion 50 EC at 1:1 ratio and keep 10 ml of the bait in Polythene bags @ 10 / acre.

MANGO	Mango-Anthracnose -Spray copper oxychloride 50% WG @ 2.4 g/l
-------	--

Vellore

Extended Range Forecast for the period of 09.05.2021 to 15.05.2021 Tamil Nadu and Pondicherry may receive more than (56.58%) 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. Summer ploughing may be completed by utilizing the expected rainfall.

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.
MAIZE	To control fall army worm in maize, spray Spinetoram @ 0.5ml / litre or Chlorantraniiprol @ 0.5ml / litre.
Horticulture(Varieties)	Horticulture Specific Advisory
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. To control Red palm weevil in coconut, setting up of attractant traps (mud pots) containing sugarcane molasses 2½ kg or toddy 2½ litres + acetic acid 5 ml + yeast 5 g 217 + longitudinally split tender coconut stem/logs of green petiole of leaves of 30 numbers in one acre to trap adult red palm weevils in large numbers or Install pheromone trap @1/2 ha.
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.
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.
BOTTLE GOURD	To control mealy bug in bottle gourd, spray malathion 50 EC 1.5ml/litre.
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 PolC or electrobest @ one gram per litre of drinking water.

Cuddalore

As per IMD extended range forecast for the period of 09.05.2021 to 15.05.2021 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.
SESAME (GINGELLY/TIL)	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).
Crop(Varieties)	Crop Specific Advisory

CASHEW	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.
--------	---

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Rainfall with thunderstorm and lightning is likely to occur in isolated places the Western Ghats districts. Since only light drizzling is expected irrigation may be done according to soil moisture.
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 hrs soaking 5 hrs shade dry).
Groundnut		This is the right time for sowing of Chithirai pattam rainfed groundnut at Pollachi taluk of Coimbatore district. Field preparation followed by sowing may be done, since rain is anticipated.
Sesame		Considering the maximum and minimum temperature, the sucking pest "Ekkadian" may appear in the milky capsules of summer irrigated Sesame sown during Feb 2 nd week. To control the pest spray 5% Neem seed kernels extract during the evening hours.
Sugarcane	Vegetative	Detrashing (removing dry cane leaves) may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall. Since increasing temperature and decreasing RH are expected, frequent irrigation is essential for just planted sugarcane crop to improve the germination.
Grapes		For monsoon crop of grapes, pruning may be done since weather is favourable for this operation
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.
Turmeric	Planting	Considering the prevailing weather turmeric rhizome may be planted after land preparation.
Tapioca		The saline concentration of irrigation water of wells and bore wells normally increases in summer months and this will create yellowing or browning of leaves leads to death of lower leaves. This symptom normally occurs in tapioca due to saline water irrigation. The following management measures may be adopted to reduce the damage. Frequent irrigation to keep the soil moisture wet and to avoid accumulation of salt in the surface of the soil. Irrigation may be done during early morning or late evening hours. Application of organic manure to neutralize the salt. Spraying of good quality water during evening and morning hours. Mixing of good quality water with well water for irrigation.

Mushroom		Since high temperature is prevailing, application of water through sprinkler irrigation is beneficial to the mushroom shed to increase the productivity.
Animal Husbandry		Considering the hot weather, do not allow animal to stay outside during 11am to 4 pm. Air temperature is increasing, hence keep the shed cool to maintain milk production. Wherever no rainfall, application of water over the sheds of the cattle and poultry will reduce the heat stress or even hanging of wetted gunny bags will also reduce the temperature in considerable extent.

SMS advisory

Since increasing temperature and decreasing RH are expected, frequent irrigation is essential for just planted sugarcane crop to improve the germination.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Rainfall with thunderstorm and lightning is likely to occur in isolated places the Western Ghats districts. Since only light drizzling is expected irrigation may be done according to soil moisture.
Sorghum	Sowing	Considering the light rainfall, sowing of irrigated sorghum may be continued in the ploughed area followed by irrigation.
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 hrs soaking 5 hrs shade dry).
Sesame		Considering the maximum and minimum temperature, the sucking pest "Ekkadian" may appear in the milky capsules of summer irrigated Sesame sown during Feb 2 nd week. To control the pest spray 5% Neem seed kernels extract during the evening hours.
Sugarcane	Vegetative	Detrashing (removing dry cane leaves) may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall. Since increasing temperature and decreasing RH are expected, frequent irrigation is essential for just planted sugarcane crop to improve the germination.
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 dicofol @ 2.5 ml or wettable Sulphur @ 3.5 gm 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.
Turmeric	Planting	Considering the prevailing weather turmeric rhizome may be planted after land preparation.
Tapioca		The saline concentration of irrigation water of wells and bore wells normally increases in summer months and this will create yellowing or browning of leaves leads to death of lower leaves. This symptom normally occurs in tapioca due to saline water irrigation. The following management measures may be adopted to reduce the damage. Frequent irrigation to keep the soil moisture wet and to avoid accumulation of salt in the surface of the soil. Irrigation may be done during early morning or late evening hours. Application of organic manure to neutralize the salt. Spraying of good quality water during evening and morning hours. Mixing of good quality water with well water for irrigation.
Mushroom		Since high temperature is prevailing, application of water through sprinkler irrigation is beneficial to the mushroom shed to increase the productivity.
Animal Husbandry		Considering the hot weather, do not allow animal to stay outside during 11am to 4 pm. Air temperature is increasing, hence keep the shed cool to maintain milk production. Wherever no rainfall, application of water over the sheds of the cattle and poultry will reduce the heat stress or even hanging of wetted gunny bags will also reduce the temperature in considerable extent.

SMS advisory

Since increasing temperature and decreasing RH are expected, frequent irrigation is essential for just planted sugarcane crop to improve the germination.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Rainfall with thunderstorm and lightning is likely to occur in isolated places the Western Ghats districts. Since only light drizzling is expected irrigation may be done according to soil moisture.
Sorghum	Sowing	Considering the light rainfall, sowing of irrigated sorghum may be continued 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. Since increasing temperature and decreasing RH are expected, frequent irrigation is essential for just planted sugarcane crop to improve the germination.
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 dicofol @ 2.5 ml or wettable Sulphur @ 3.5 gm 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.
Mushroom		Since high temperature is prevailing, application of water through sprinkler irrigation is beneficial to the mushroom shed to increase the productivity.
Animal Husbandry		Considering the hot weather, do not allow animal to stay outside during 11am to 4 pm. Air temperature is increasing, hence keep the shed cool to maintain milk production. Wherever no rainfall, application of water over the sheds of the cattle and poultry will reduce the heat stress or even hanging of wetted gunny bags will also reduce the temperature in considerable extent.

SMS advisory

Since increasing temperature and decreasing RH are expected, frequent irrigation is essential for just planted sugarcane crop to improve the germination.

Nilgiris

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 avoided during the rainy days.
		Before cropping in the current irrigated season, soil samples may be tested for nutrient content and soil properties.
Potato crop	Vegetative stage	In potato crop, apply 25kg Urea, 133 kg super phosphate and 20 kgs of potash at the time of sowing as 30 days after sowing as top dressing.
Pepper plant	Vegetative stage	Rainfall is expected for next five days. To prevent wilt disease in pepper plantation, apply 25 g of Trichoderma viride and 25 g Pseudomonas fluorescens along with 500 g Neem cake per wine.
Ginger crop		For ginger crop, after the summer showers, plough the field into fine tilth and form beds of 1 metre width, convenient length and 25 cm height and plant ginger with rhizome bits of 20 - 25 grams in weight.
Livestock		To milk cattle, feed with green grass, mineral mixture and salt. Make them graze during cooler hours.

SMS advisory

Before cropping in the current irrigated season, soil samples may be tested for nutrient content and soil properties.

Ariyalur

Agro-meteorological Advisory • Farmers are advised to go for summer irrigated pulse cultivation during this Chithirapattam (April-May). Suitable varieties in blackgram are ADT 5, VBN 5, VBN 6, VBN 8 and in greengram are VBN 2 and VBN 3. Summer ploughing can be done by utilizing the rainfall expected upcoming days and to control weeds and larva of insects. • Raising of green manure crops like daincha, sunnhemp and kolinji can be done to utilizing the summer rainfall. • Highly reflective aluminum roofs may be provided to cattle shed to reduce the heat stress to the cattle underneath. SMS advisory • Raising of green manure crops like daincha, sunnhemp and kolinji can be done to utilizing the summer rainfall.

Karur

Agro-meteorological Advisory • Farmers are advised to go for summer irrigated pulse cultivation during this Chithirapattam (April-May). Suitable varieties in blackgram are ADT 5, VBN 5, VBN 6, VBN 8 and in greengram are VBN 2 and VBN 3. Summer ploughing can be done by utilizing the rainfall expected upcoming days and to control weeds and larva of insects. • Raising of green manure crops like daincha, sunnhemp and kolinji can be done to utilizing the summer rainfall. • Highly reflective aluminum roofs may be provided to cattle shed to reduce the heat stress to the cattle underneath. SMS advisory • Raising of green manure crops like daincha, sunnhemp and kolinji can be done to utilizing the summer rainfall.

Nagapattinam

Agro-meteorological Advisory • Farmers are advised to go for summer irrigated pulse cultivation during this Chithirapattam (April-May). Suitable varieties in blackgram are ADT 5, VBN 5, VBN 6, VBN 8 and in greengram are VBN 2 and VBN 3. Summer ploughing can be done by utilizing the rainfall expected upcoming days and to control weeds and larva of insects. • Raising of green manure crops like daincha, sunnhemp and kolinji can be done to utilizing the summer rainfall. • Highly reflective aluminum roofs may be provided to cattle shed to reduce the heat stress to the cattle underneath. SMS advisory • Raising of green manure crops like daincha, sunnhemp and kolinji can be done to utilizing the summer rainfall.

Perambalur

Agro-meteorological Advisory • Farmers are advised to go for summer irrigated pulse cultivation during this Chithirapattam (April-May). Suitable varieties in blackgram are ADT 5, VBN 5, VBN 6, VBN 8 and in greengram are VBN 2 and VBN 3. Summer ploughing can be done by utilizing the rainfall expected upcoming days and to control weeds and larva of insects. • Raising of green manure crops like daincha, sunnhemp and kolinji can be done to utilizing the summer rainfall. • Highly reflective aluminum roofs may be provided to cattle shed to reduce the heat stress to the cattle underneath. SMS advisory • Raising of green manure crops like daincha, sunnhemp and kolinji can be done to utilizing the summer rainfall.

Thanjavur

Agro-meteorological Advisory • Farmers are advised to go for summer irrigated pulse cultivation during this Chithirapattam (April-May). Suitable varieties in blackgram are ADT 5, VBN 5, VBN 6, VBN 8 and in greengram are VBN 2 and VBN 3. Summer ploughing can be done by utilizing the rainfall expected upcoming days and to control weeds and larva of insects. • Raising of green manure crops like daincha, sunnhemp and kolinji can be done to utilizing the summer rainfall. • Highly reflective aluminum roofs may be provided to cattle shed to reduce the heat stress to the cattle underneath. SMS advisory • Raising of green manure crops like daincha, sunnhemp and kolinji can be done to utilizing the summer rainfall.

Thiruvarur

Agro-meteorological Advisory • Farmers are advised to go for summer irrigated pulse cultivation during this Chithirapattam (April-May). Suitable varieties in blackgram are ADT 5, VBN 5, VBN 6, VBN 8 and in greengram are VBN 2 and VBN 3. Summer ploughing can be done by utilizing the rainfall expected upcoming days and to control weeds and larva of insects. • Raising of green manure crops like daincha, sunnhemp and kolinji can be done to utilizing the summer rainfall. • Highly reflective aluminum roofs may be provided to cattle shed to reduce the heat stress to the cattle underneath. SMS advisory • Raising of green manure crops like daincha, sunnhemp and kolinji can be done to utilizing the summer rainfall.

Dindigul

Thunderstorm, Lightning with Light to moderate rain is likely to occur at isolated places over the district during 5, 6, 7 & 8 May 2021. Extended Range Forecast for Tamil Nadu (07.05.2021 - 13.05.2021): Some parts of Tamilnadu region may receive Above Normal Rainfall during subsequent one week 7 to 13 May 2021. Chances of light rain on 8 May. Max temp -38°C-39°C & Min temp -26°C-27°C. Generally cloudy sky for next 5 days. Wind speed 6-7 kmph from SE & S directions.

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Due to the prevailing weather the incense of Scale insect in Coconut . Scale insects occurs more in summer. Scale insects affects on leaves and nuts of coconut palms. Entire leaves may turn yellow to brown and fall. Sooty mould may develop. The bright yellow colour of affected coconut palms is clearly visible from a great distance. In extreme cases, the leaves dry out, entire fronds drop off and the crown dies. Heavy infestation results in stunting of new leaves, reduction of crop yield or complete crop failure. To control by biological method, release of predatory Coccinellids, Chilocorus nigritius is found to be effective and spray Fish Oil Rosin Soap (FORS) @ 250 ml per 10 litres of water. A second round of spray can be given after 20 days.

Madurai

Thunderstorm, Lightning with Light to moderate rain is likely to occur at isolated places over the district during 6, 7 & 8 May 2021. Extended Range Forecast for Tamil Nadu (07.05.2021 - 13.05.2021): Some

parts of Tamilnadu region may receive Above Normal Rainfall during subsequent one week 7 to 13 May 2021. Chances of Moderate rain during 5, 7, 8 & 9 May. Max temp-38°C-39°C & Min temp -26°C-27°C. Generally cloudy sky for next 5 days. Wind speed 6-7 kmph from SE & S directions.

Horticulture(Varieties)	Horticulture Specific Advisory
SNAKE GOURD	Due to current weather the incense of semi looper is expected in Snake gourd. The symptoms of damages appears on leaves, the caterpillar cuts the edges of leaf lamina, folds it over the leaf and feeds from within leaf roll. To control spray Bacillus Thuringiensis kurstaki (Btk) @ 80ml + sticky agent @ 10ml with 10 litres of water.

Pudukottai

Extended Range Forecast For TamilNadu & Puducherry 09.05.2021to 15.05.2021. During the Week from 09 th to 15 th May Above Normal is likely to occur over Tamilnadu & Puducherry. Regional Meteorological Department Chennai has forecast a 2 to 3 degree rise in temperature from May 4 to May 29.

Crop(Varieties)	Crop Specific Advisory
MAIZE	Farmers cultivating maize in rainfed areas can control the fall armyworm infestation in the maize crop by ploughing in the summer using the expected summer rains.
BLACK GRAM	Farmers who have cultivated Black gram can soak 4 kg of DAP in 10 liters of water overnight during the flowering season to get high yield DAP solution should be sprayed in the morning or evening with a sprayer during the flowering stage and after 15 days to moisten the leaves.
Horticulture(Varieties)	Horticulture Specific Advisory
LEMON	To increase the fruit set in lemon, spraying Amino acid @ 10gm per 10 litres of water should be done during the flowering stage. For fruit retention, spray NAA @ 30 ppm after fruit set (marble size).
BANANA	Farmers are requested to apply 20 gram of each Azospirillum and Phosphobacteria to 5 months old banana plants. by using expected light rain.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Due to increase in temperature for the 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.

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	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.
GENERAL ADVICE	In these days, There has been mild showers here and there in Pudukkottai districts and Block in the evening hours. However, due to high intensity of sunlight, the day time is found to sultry. This condition may likely to favour fly breeding and consequent rise of fly population in poultry farms. This cattle and poultry farmers should keep the cow shed and poultry area clean by spraying disinfectant.

Ramanathapuram

From extended range forecast, Above normal rainfall, normal maximum temperature and normal minimum temperature expected for the period of May 09 to May 15 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 leaf hopper is expected in cotton. The damage symptoms are margin of the leaves start curling downwards and reddening sets in. In the case of severe infestation, leaves get a bronze or brick red colour which is typical "hopper burn" symptom. The margin of the leaves get broken and crumble into pieces when crushed. The leaves dried up and are shed and the growth of the crop is retarded. If symptoms are observed in cotton field spray any one of the following chemicals. Fipronil 5%SC 1500-2000 ml/ha or Imidacloprid 17.8% SL 100-125 ml/ha or Thiamethoxam 25%WG 100g/ha.
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 Thrips expected in Chilli. The damage symptoms are infested leaves develop crinkles and curl upwards, Buds become brittle and drop down. Early stage, infestation leads to stunted growth and flower production, fruit set are arrested. If symptoms are observed in field spray any one of the following chemicals. Imidacloprid 17.8SL 60ml/ac or Spinetoram 11.7 SC 200ml/ac or Acetamiprid 20 SP 20g/ac
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, Lightning with Light to moderate rain is likely to occur at isolated places over the district during 6, 7 & 8 May 2021. Extended Range Forecast for Tamil Nadu (07.05.2021 - 13.05.2021): Some parts of Tamilnadu region may receive Above Normal Rainfall during subsequent one week 7 to 13 May 2021. Chances of light rain on 8 May. Max temp -38°C-39°C & Min temp -26°C-27°C. Generally cloudy sky for next 5 days. Wind speed 6-7 kmph from SE & S directions.

Crop(Varieties)	Crop Specific Advisory
TOMATO	Due to the prevailing weather condition the incense of Gray Mold disease in Tomato. The main lesion is a watery area with a light brown or tan-coloured central region of Tomato. The affected part converted into a soft, watery mass within a few days. Tomato Skin will broken, the grayish mycelium and spore clusters develop within few hours. To control this ensure good drainage facility in the field. Remove decayed plant material from the plant bed; avoid bruising during packing and transport, Pre harvest spray Azoxystrobin @ 35ml per 10 litres of water.

Theni

Thunderstorm, Lightning with Light to moderate rain is likely to occur at isolated places over the district during 5, 6, 7 & 8 May 2021. Extended Range Forecast for Tamil Nadu (07.05.2021 - 13.05.2021): Some parts of Tamilnadu region may receive Above Normal Rainfall during subsequent one week 7 to 13 May 2021. Chances of Moderate rain on 5 May & light rain on 8 May. Max temp -32°C-33°C & Min temp -22°C-23°C. Partly cloudy sky for next 5 days. Wind speed 2-3 kmph from S direction.

Horticulture(Varieties)	Horticulture Specific Advisory
-------------------------	--------------------------------

MANGO	Due to the prevailing weather condition the incense of Fruit fly in Mango. Maggot bore into semi-ripen fruits with decayed spots and dropping of fruits. Oozing of fluid, Brownish rotten patches on fruits. Collect fallen infested fruits and dispose them by dumping in a pit. Provide summer ploughing to expose the pupa. Spray Emamectin Benzoate @ 80gm per acre. Harvest should be done only after 15days of spray.
-------	---

Virudhunagar District

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is expected on 05.05.2021-09.05.2021(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: 05.05.2021 to 09.05.201 - 6, 1, 8, 4, 3 mm. Postpone the irrigation.

Tirunelveli District

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Moderate rainfall is predicted for 05.05.2021 to 09.05.2021. 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.
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: 01.05.2021-05.05.2021-15, 8, 20, 15, 12 mm. Postpone the irrigation.

Thoothukudi District

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted for 05.05.2021 to 09.05.2021. Postpone the irrigatio
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.
Jasmine	Flowering stage	Prevailing weather is conducive for Blossom midge. Spray Thiamethoxam 2.5% WG @ 0.75 g/litre (or) Novaluron 3ml/lit. of water.
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: 05,07-09.05.2021 - 1,1,2,&4 mm. Postpone the irrigation

Tamil Nadu		
Next five days	Weather Warning	<p>Thunderstorm with Light to moderate rain is likely to occur at isolated places over Western Ghat districts, south Tamilnadu, Delta districts, Pudukottai, Mayladuthurai, Erode and Tiruppur districts and Karaikal on Day 1 (04.05.2021).</p> <p>Thunderstorm with Light to moderate rain is likely to occur at isolated places over Western Ghat districts, Kanyakumari, Tirunelveli, Thoothukudi, Thenkasi, Dharmapuri, Erode, Salem, Tiruppur districts of Tamil Nadu on Day 2 (05.05.2021).</p> <p>Thunderstorm with Light to moderate rain is likely to occur at isolated places over Western Ghat districts, south Tamilnadu, Dharmapuri, Erode, Salem, Krishnagiri districts of Tamil Nadu on Day 3 (06.05.2021).</p> <p>Thunderstorm with Light to moderate rain is likely to occur</p>

		at isolated places over Western Ghat districts, south Tamilnadu and interior Tamilnadu on Day 4 (07.05.2021). Thunderstorm with Light to moderate rain is likely to occur at isolated places over Western Ghat districts, south Tamilnadu, Delta districts and Karaikal on Day 5 (08.05.2021).
Extended range forecast	Subsequent two weeks	Week (2021-05-09 to 2021-05-15) rainfall is predicted to be above normal rainfall whereas Maximum and Minimum temperature will be normal.

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.	There are possibilities of moderate rainfall during forth coming five days. Maximum temperature will range from 34 - 35 0C and minimum temperature will be around 26 - 27 0C. Cloudy condition may prevail. The relative humidity will be 65 to 72 %. Wind speed may be 5 - 7 km / hr in South direction.		
2.	Agricultural and Horticultural crops	All stages	Spraying of insecticides, weedicides and application of fertilizer should be postponed due to rain.
3	Rubber	Tapping Stage	Fix a polythene rain guard to the trunk of the tree above the tapping panel so that tapping can be done during rainy season also.
4.	Tapioca	All stages	Drainage facilities have to be provided to prevent water logging as it invites pathogens.
5.	Banana	Shooting stage	Use transparent polythene sleeves with 4% vent to cover the bunches to increase the quality.
6.	Paddy	Nursery	Preliminary works can be taken up for raising nursery.
7.	Flowers	All stages.	Provide proper drainage facilities to prevent rain water stagnation.

SMS Advisory

Ginger : Provide proper drainage channels to avoid water logging during the rainy season.

Salem

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Jasmine	Vegetative	For the management of redspider mite in jasmine, spray propagate 57ec 2ml/lit or fenazaquin 10ec 2ml/lit

Paddy	Vegetative	In paddy for the management of brown planthopper Spray Buprofezin 25% SC 800 ml/ha or Chlorantraniliprole 18.5% SC 150 g/ha or Fipronil 5% SC 1000-1500 ml/ha Or Imidacloprid 17.8 SL 100-125 ml/ha.
Coconut	Vegetative	The coconut rugose spiraling whitefly Can be managed by Release of Encarsia parasitoids @ 100 parasitoids /ac (10 leafbits/ac) Installation of yellow sticky traps (5 ft. x 1.5 ft.) smeared with castor oil @ 5/ ac Release of predator, Chrysoperla eggs @ 500/ac in young palms Pesticide holiday' must be declared to conserve the natural enemies fauna.
		Coconut Red Palm Weevil Setting up of attractant traps (mud pots) containing sugarcane molasses 2½ kg or toddy 2½ litres + acetic acid 5 ml + yeast 5 g + longitudinally split tender coconut stem/logs of green petiole of leaves of 30 numbers in one acre to trap adult red palm weevils in large numbers. Install pheromone trap @ 1/2 ha
Cassava	Vegetative	In cassava, for the management of mealybugs spray profenophos 2ml/l tot thiamethoxam 0.6 gm/lt.
Livestock	General	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.

Namakkal

Livestock, poultry & Crop	Stage	Weather advisory
Livestock	Sheep	Awareness on Enterotoxemia in Sheep Enterotoxemia is a frequently affecting severe disease of sheep of all ages. It is caused by bacteria called <i>Clostridium perfringens</i> , is found universally in the soil and manure. During monsoon when the animals eat lush green pasture, not all the starches and sugars are utilized and therefore are passed on. Then the <i>Clostridium perfringens</i> grow and trigger excessive bacterial growth. This excessive growth allows the bacteria to produce lethal amounts of toxin that are absorbed into the animals system. Hence sheep should be vaccinated prior to monsoon. All young animals should be vaccinated at four weeks of age and then 30 days later. Administer another booster dose at the time of weaning. All adult animals should be vaccinated once a year.
General	Advisory	Safety measures to be adopted during COVID – 19 by consumers in handling meat Always wear a mask and pair of gloves while going to and waiting at the retail meat outlet. Always maintain a proper social distance of not less than 6 feet from other consumers at the retail meat outlet. Avoid touching any object or place or face, when waiting at the retail meat

		<p>outlet. Sanitise hands by washing with soap or hand wash immediately on returning home from the retail outlet. Always carry a bag to purchase meat outlet. The meat purchased should be washed with potable water. There is no scientific report associating consumption of meat and meat products with transmission of COVID 19, till dates and always cook meat thoroughly. The above safety measures need to be adopted by consumers while purchasing meat at retail outlets and handling it at home.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Groundnut	Sowing season	Farmers are advised to take up ploughing with already available soil moisture and take up groundnut variety Dharani sowing with forecast rain in coming days. Also advised to undertake seed treatment with <i>Trichoderma viride</i> @ 4 gram / kg of seeds to control root rot disease during early stage of crop.
Banana	Vegetative	Banana growers are requested to give foliar spraying with banana booster @ 5 gram / liter of water along with sticking agent for 3 month after planting to bunch formation stage.
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.

Dharmapuri

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Dharmapuri :		
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.
Chrysanthemum	Vegetative	Prevailing weather condition is favourable for leaf eating caterpillar in chrysanthemum. To control that pest spraying of emamectin benzoate 5% SG @ 0.4gm/litre of water is recommended.
Poultry	General	To prevent ranikhet disease in backyard poultry attained RD vaccination is suggested.
Chilli	Vegetative	Prevailing weather condition is favourable for thrips in chilli to control that spraying of Spinosad 45 % SC 3.2 ml/litre is suggested.

--	--	--

Krishnagiri

Livestock, poultry & Crop	Stage	Weather advisory
Livestock	Sheep	<p>Awareness on Enterotoxemia in Sheep</p> <p>Enterotoxemia is a frequently affecting severe disease of sheep of all ages. It is caused by bacteria called <i>Clostridium perfringens</i>, is found universally in the soil and manure. During monsoon when the animals eat lush green pasture, not all the starches and sugars are utilized and therefore are passed on. Then the <i>Clostridium perfringens</i> grow and trigger excessive bacterial growth. This excessive growth allows the bacteria to produce lethal amounts of toxin that are absorbed into the animals system. Hence sheep should be vaccinated prior to monsoon. All young animals should be vaccinated at four weeks of age and then 30 days later. Administer another booster dose at the time of weaning. All adult animals should be vaccinated once a year.</p>
General	Advisory	<p>Safety measures to be adopted during COVID – 19 by consumers in handling meat</p> <p>Always wear a mask and pair of gloves while going to and waiting at the retail meat outlet.</p> <p>Always maintain a proper social distance of not less than 6 feet from other consumers at the retail meat outlet.</p> <p>Avoid touching any object or place or face, when waiting at the retail meat outlet.</p> <p>Sanitise hands by washing with soap or hand wash immediately on returning home from the retail outlet.</p> <p>Always carry a bag to purchase meat outlet.</p> <p>The meat purchased should be washed with potable water.</p> <p>There is no scientific report associating consumption of meat and meat products with transmission of COVID 19, till dates and always cook meat thoroughly.</p> <p>The above safety measures need to be adopted by consumers while purchasing meat at retail outlets and handling it at home.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Groundnut	Sowing season	<p>Farmers are advised to take up ploughing with already available soil moisture and take up groundnut variety Dharani sowing with forecast rain in coming days. Also advised to undertake seed treatment with <i>Trichoderma viride</i> @ 4 gram / kg of seeds to control root rot disease during early stage of crop.</p>
Banana	Vegetative	<p>Banana growers are requested to give foliar spraying with banana booster @ 5 gram / liter of water along with sticking agent for 3 month after planting to bunch formation stage.</p>
Tapioca	Vegetative	<p>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</p>

		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%).

SMS advisory:

As light to moderate rain is likely to occur at isolated places on 04th and 08th May and very light rain is expected over widespread area on 05th and 08th May, farmers may postpone irrigation.

Puducherry

Weather based Agro-Advisories

In gingelly, to manage capsule borer spray neem seed kernel extract 5% or neem oil 2%. 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%).

SMS advisory:

As very light rain is expected on 08th May alone, farmers are advised to apply need based irrigation to the crops.

BLOCK LEVEL FORECAST

Nilgiris District

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 avoided during the rainy days.
		Before cropping in the current irrigated season, soil samples may be tested for nutrient content and soil properties.
Potato crop	Vegetative stage	In potato crop, apply 25kg Urea, 133 kg super phosphate and 20 kgs of potash at the time of sowing as 30 days after sowing as top dressing.

Pepper plant	Vegetative stage	Rainfall is expected for next five days. To prevent wilt disease in pepper plantation, apply 25 g of Trichoderma viride and 25 g Pseudomonas fluorescens along with 500 g Neem cake per wine.
Ginger crop		For ginger crop, after the summer showers, plough the field into fine tilth and form beds of 1 metre width, convenient length and 25 cm height and plant ginger with rhizome bits of 20 - 25 grams in weight.
Livestock		To milk cattle, feed with green grass, mineral mixture and salt. Make them graze during cooler hours.

SMS advisory

Before cropping in the current irrigated season, soil samples may be tested for nutrient content and soil properties.

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 avoided during the rainy days.
		Before cropping in the current irrigated season, soil samples may be tested for nutrient content and soil properties.
Potato crop	Vegetative stage	In potato crop, apply 25kg Urea, 133 kg super phosphate and 20 kgs of potash at the time of sowing as 30 days after sowing as top dressing.
Pepper plant	Vegetative stage	Rainfall is expected for next five days. To prevent wilt disease in pepper plantation, apply 25 g of Trichoderma viride and 25 g Pseudomonas fluorescens along with 500 g Neem cake per wine.
Ginger crop		For ginger crop, after the summer showers, plough the field into fine tilth and form beds of 1 metre width, convenient length and 25 cm height and plant ginger with rhizome bits of 20 - 25 grams in weight.
Livestock		To milk cattle, feed with green grass, mineral mixture and salt. Make them graze during cooler hours.

SMS advisory

Before cropping in the current irrigated season, soil samples may be tested for nutrient content and soil properties.

Coonoor 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 avoided during the rainy days.
		Before cropping in the current irrigated season, soil samples may be tested for nutrient content and soil properties.
Potato crop	Vegetative stage	In potato crop, apply 25kg Urea, 133 kg super phosphate and 20 kgs of potash at the time of sowing as 30 days after sowing as top dressing.
Pepper plant	Vegetative stage	Rainfall is expected for next five days. To prevent wilt disease in pepper plantation, apply 25 g of Trichoderma viride and 25 g Pseudomonas fluorescens along with 500 g Neem cake per wine.
Ginger crop		For ginger crop, after the summer showers, plough the field into fine tilth and form beds of 1 metre width, convenient length and 25 cm height and plant ginger with rhizome bits of 20 - 25 grams in weight.
Livestock		To milk cattle, feed with green grass, mineral mixture and salt. Make them graze during cooler hours.

SMS advisory

Before cropping in the current irrigated season, soil samples may be tested for nutrient content and soil properties.

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 avoided during the rainy days.
		Before cropping in the current irrigated season, soil samples may be tested for nutrient content and soil properties.
Potato crop	Vegetative stage	In potato crop, apply 25kg Urea, 133 kg super phosphate and 20 kgs of potash at the time of sowing as 30 days after sowing as top dressing.
Pepper plant	Vegetative stage	Rainfall is expected for next five days. To prevent wilt disease in pepper plantation, apply 25 g of Trichoderma viride and 25 g Pseudomonas fluorescens along with 500 g Neem cake per wine.

Ginger crop		For ginger crop, after the summer showers, plough the field into fine tilth and form beds of 1 metre width, convenient length and 25 cm height and plant ginger with rhizome bits of 20 - 25 grams in weight.
Livestock		To milk cattle, feed with green grass, mineral mixture and salt. Make them graze during cooler hours.

SMS advisory

Before cropping in the current irrigated season, soil samples may be tested for nutrient content and soil properties.

