



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 033/2022

For the period 0830 IST, 26th April 2022 to
0830 IST, 01st May 2022

Issued on Tuesday, 26th April 2022

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 22.04.22 to 25.04.22 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **33°C – 39°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **19°C – 25°C** during the period.

Minimum temperature of range **20°C - 28°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **09°C - 13°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)	24.04.22 23.04.22	Tamil Nadu Puducherry
Isolated (One or Two Places)	22.04.22, 23.04.22 & 25.04.22	Tamil Nadu
Dry	22.04.22, 24.04.22 & 25.04.22	Puducherry

Chief Amounts of Rainfall (in cms):-

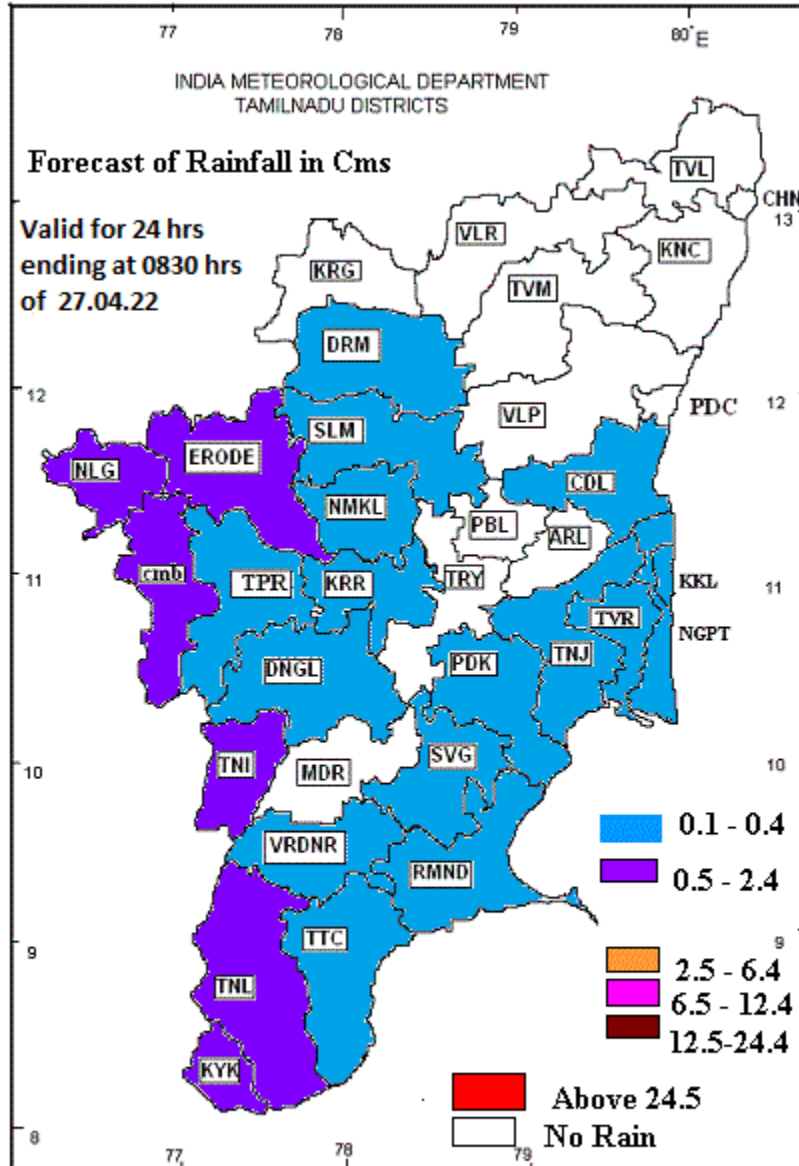
22.04.22 : Ettayapuram (dist Toothukudi) 4, Sivalogam (dist Kanyakumari), Ayikudi (dist Tenkasi), Madathukulam (dist Tiruppur) 1 each.

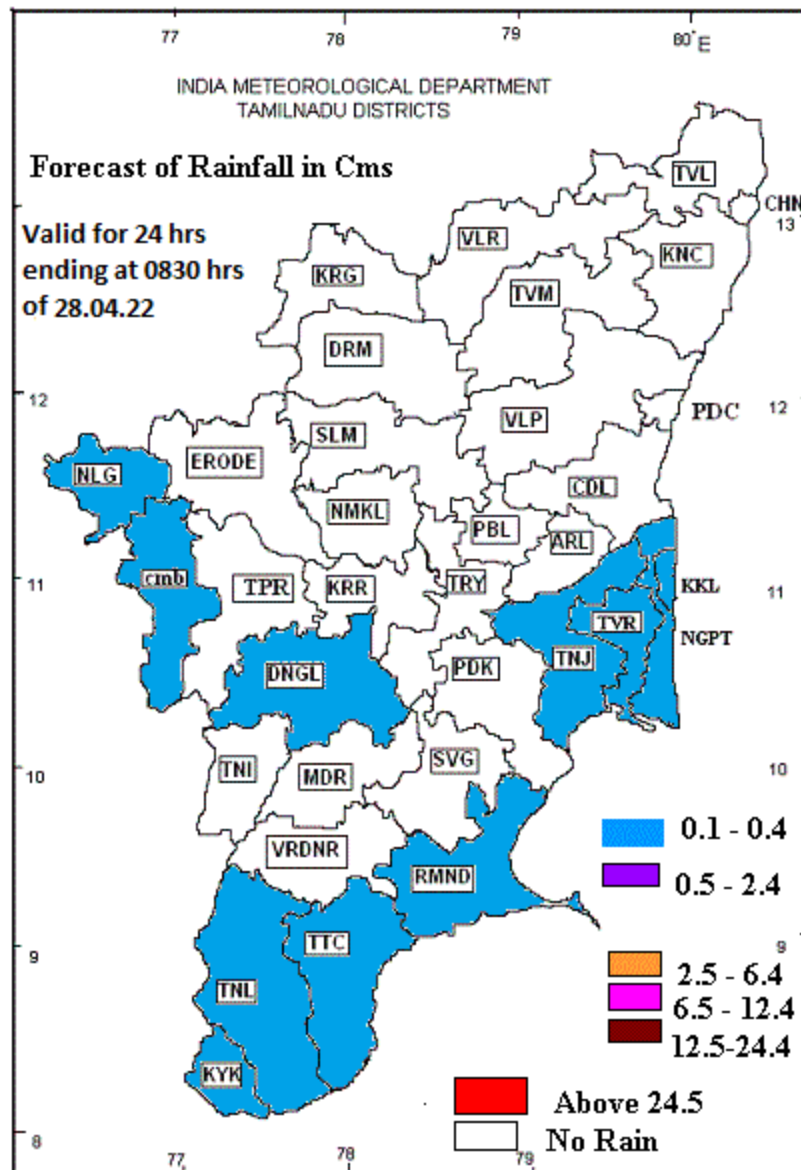
23.04.22 : Nagercoil (dist Kanyakumari), Thuckalay (dist Kanyakumari) 7 Each, Kalial (dist Kanyakumari) Kuzhithurai (dist Kanyakumari) 6 Each, Kothagiri (dist Nilgiris), Tirupuvanam (dist Sivaganga) 5 Each, Mylaudy (dist Kanyakumari), Illayangudi (dist Sivaganga), Tondi (dist Ramanathapuram), Valparai Pto (dist Coimbatore), Amaravathy Dam (dist Tiruppur), Surangudi (dist Toothukudi) 4 Each, Bhoothapandy (dist Kanyakumari), Satankulam (dist Toothukudi), Manamadurai (dist Sivaganga), Kodaikanal (dist Dindigul), Coonoor Pto (dist Nilgiris), Suralacode (dist Kanyakumari), Pechiparai (dist Kanyakumari), Adirampatnam (dist Thanjavur), Vattanam (dist Ramanathapuram), Kayathar (dist Toothukudi), Kadambur (dist Toothukudi) 3 Each, Vaippar (dist Toothukudi), Tuticorin (dist Toothukudi), Kayathar Arg (dist Toothukudi), Radhapuram (dist Tirunelveli), Thoothukudi Port Aws (dist Toothukudi), Sholayar (dist Coimbatore), Ettayapuram (dist Toothukudi) 2 Each, Kottaram (dist Kanyakumari), Peravurani (dist Thanjavur), Namakkal (dist Namakkal), Karaikal (dist Karaikal), Eraniel (dist Kanyakumari), Nilakottai (dist Dindigul), Kulasekarapattinam (dist Toothukudi), Perunchani Dam (dist Kanyakumari), Kamudhi (dist Ramanathapuram), Manamelkudi (dist Pudukkottai) 1 Each.

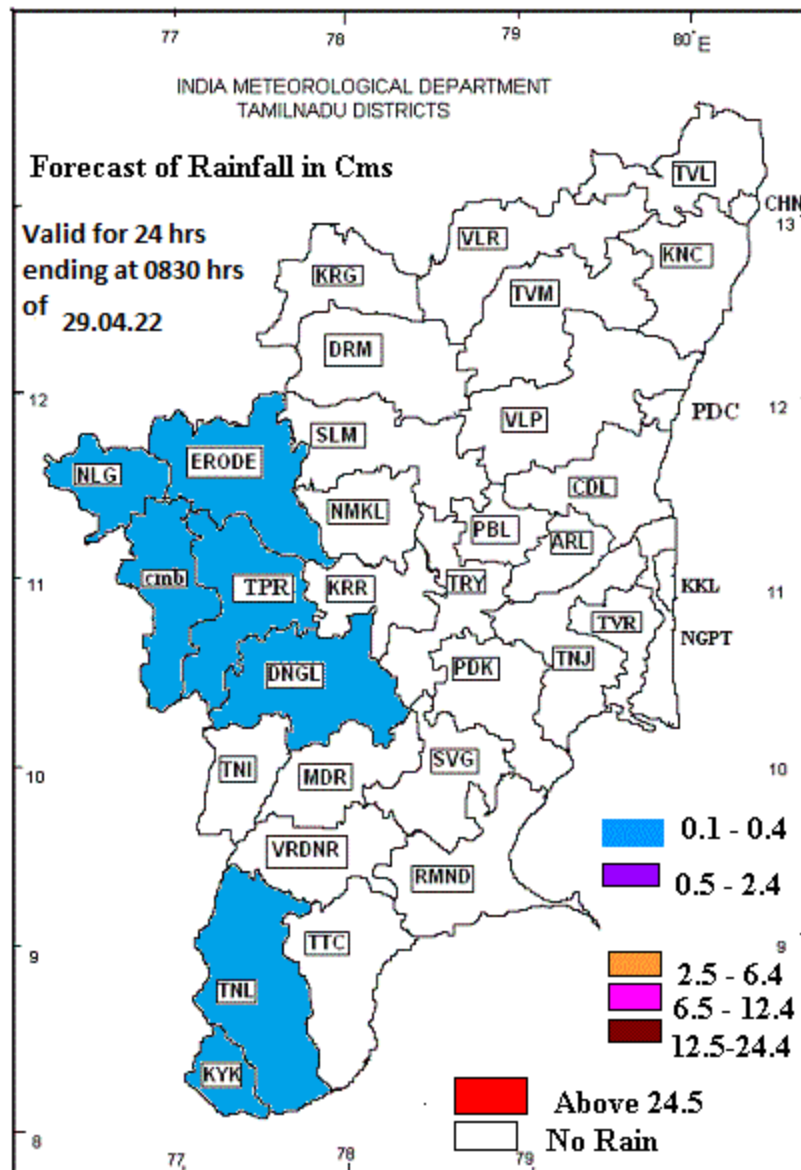
24.04.22 : Kodumudi (dist Erode) 11, Valparai Taluk Office (dist Coimbatore), Valparai PAP (dist Coimbatore) 9 each, Mohanur (dist Namakkal) 8, Chinnakalar (dist Coimbatore), Bhavani (dist Erode) 6 each, Namakkal (dist Namakkal), Anaippalayam (dist Karur) 5 each, Salem (dist Salem), Kundalam (dist Tiruppur), Cincona (dist Coimbatore), Kadavur (dist Karur), Kodaikanal (dist Dindigul), Suralacode (dist Kanyakumari) 4 each, Vedasandur (dist Dindigul), Aravakurichi (dist Karur), Perunchani Dam (dist Kanyakumari), Pandalur Taluk Office (dist Nilgiris), Puthan Dam (dist Kanyakumari), Ambasamudram (dist Tirunelveli), Paramathivelur (dist Namakkal), Mayanur (dist Karur), Udumalpet (dist Tiruppur), Thirumoorthy Dam (dist Tiruppur) 3 each, Kamatchipuram (dist Dindigul), Vellakoil (dist Tiruppur), Thalaigayyer (dist Nagapattinam), Bodinaickanur (dist Theni), Marungapuri (dist Trichy), Valparai PTO (dist Coimbatore), Tiruchengode (dist Namakkal), Kumarapalayam (dist Namakkal), Manimutharu (dist Tirunelveli), Kodaikanal Boat Club (dist Dindigul), Puduchatram (dist Namakkal), Karur Paramathi (dist Karur), Gobichettipalayam (dist Erode), Perundurair (dist Erode), Usilampatti (dist Madurai), Coonoor PTO (dist Nilgiris), Karur (dist Karur), Sholayar (dist Coimbatore), Manjalar (dist Theni), Sular (dist Coimbatore), Aliyar (dist Coimbatore) 2 each, Erode (dist Erode), Palavidithi (dist Karur), Burliar (dist Nilgiris), Papanasam (dist Tirunelveli), Pechiparai (dist Kanyakumari), Uthukuli (dist Tiruppur), Natrampalli (dist Tirupattur), Avalanche (dist Nilgiris), Upper Bhavani (dist Nilgiris), Rasipuram (dist Namakkal), Sankaridurg (dist Salem), Andipatti (dist Theni), Coonoor (dist Nilgiris), Krishnarayapuram (dist Karur), Periyakulam (dist Theni), Thammampatty (dist Salem), Vadipatti (dist Madurai), Tiruppur (dist Tiruppur), Gudalur (dist Theni), Uthagamandalam (dist Nilgiris), Kundha Bridge (dist Nilgiris), Gudalur Bazar (dist Nilgiris), Kodanad (dist Nilgiris), Billimalai Estate (dist Nilgiris) 1 each.

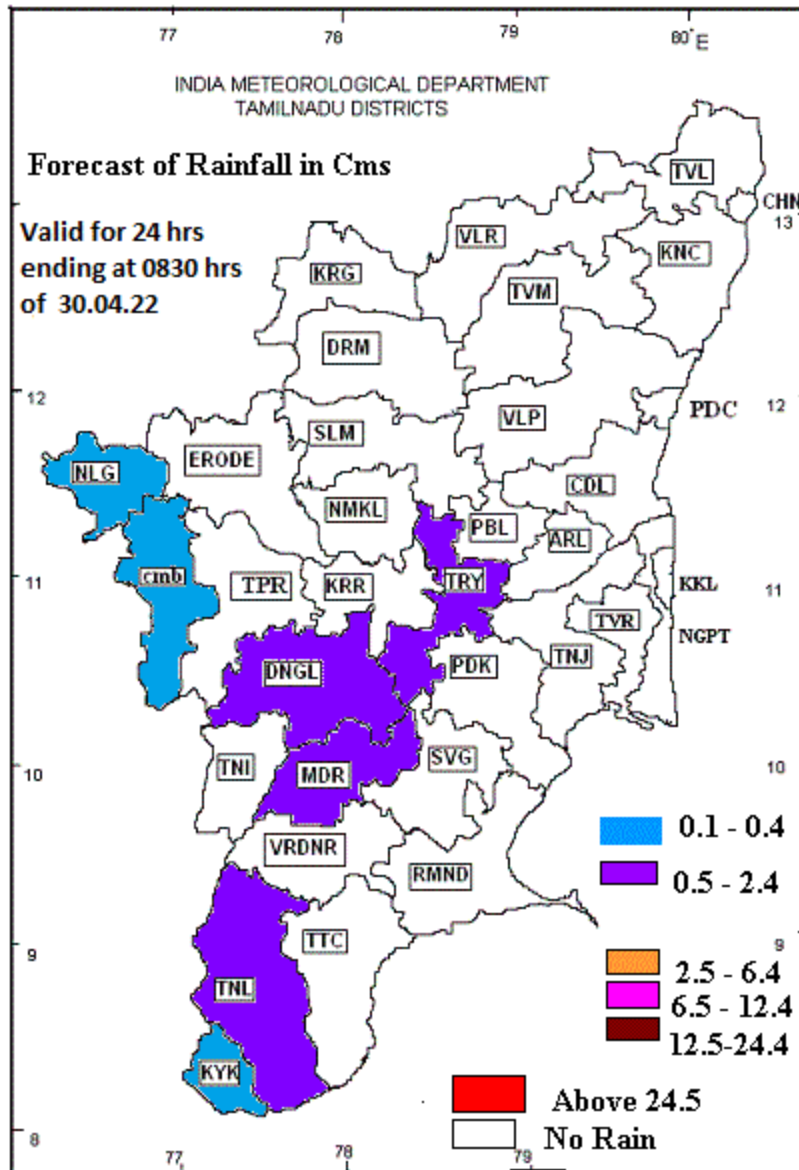
25.04.22 : Wood Braiyar Estate (dist Nilgiris) 4, Pandalur Taluk Office (Dist Nilgiris) 3, Thuckalay (dist Kanyakumari), Kannimar (dist Kanyakumari) 2 each, Nagercoil (dist Kanyakumari), Bhoothapandy (dist Kanyakumari), Mylaudy (dist Kanyakumari), Pechiparai (dist Kanyakumari), Puthan Dam (dist Kanyakumari), Harrison Malayalam Ltd, Cherumulli (dist Nilgiris) 1 each.

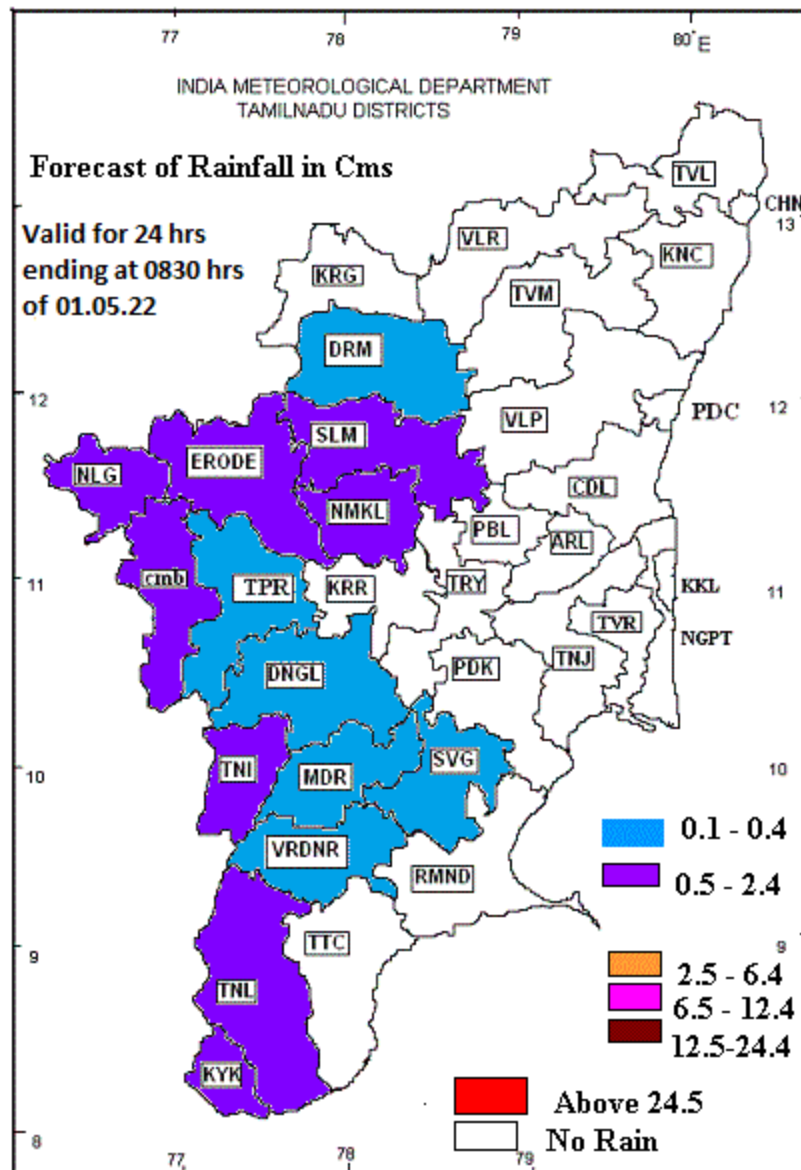
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 26.04.22
VALID FOR THE NEXT 5 DAYS**











Districtwise Agromet Advisories

Chennai

SMS Advisory: Any bruises or wound noticed must be given first aid with fly repellent or neem oil with necessary veterinary care. Livestock Advisory 1. The farmers should avoid allowing the animals to graze in hot parts of the day. 2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor. 3. Dry fodder's and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin 4. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress. 5. When the air temperature is above 35 degrees Celsius the dairy cattle tend to drink more water thereby decreasing the Dry Matter Intake (DMI). Hence to overcome this succulent protein rich green fodder mixed with green fodder may be provided to livestock. 6. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing swill feed should be fed during late evening hours. 7. Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed. 8. Provision of cool wholesome drinking water to poultry during summer is essential.

Kancheepuram

From the extended range forecast of IMD, above normal rainfall, normal maximum temperature and minimum temperature expected for the period of 01.05.2022 to 07.05.2022 over Tamil Nadu and Pondicherry region. Forecasted weather may cause fruit fly infestation in cucurbit crops. For management farmers may apply carbary @ 0.15%.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	There is possibilities Whitefly infestation in black gram crop. For management farmers are advised to spray Methyl demeton 25 EC 500 ml/ha or Dimethoate 30 EC 500 ml/ha.
GROUNDNUT	There are possibilities of dry root rot infestation in groundnut. For management Spot drenching with Carbendazim 1g/lit or apply Trichoderma viride 2.5kg/ha with 50 kg of FYM.
Horticulture(Va rieties)	Horticulture Specific Advisory
SNAKE GOURD	Forecasted weather may cause fruit fly infestation in cucurbit crops. For management farmers may apply carbary @ 0.15%.
WATER MELON	There are possibilities of sucking pest infestation in watermelon. For management farmers are advised to spray imidacloprid 70% WG @ 35 ml//ha.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Farmers are advised not to allow animals for grazing during hot part of the day. Farmers are advised to provide clean potable water adlibidum to animals to combat dehydration in animals during summer season.
	Farmers are advised to provide concentrate feed after grazing to goats to maintain the

GOAT	body weight. Farmers are advised to provide mineral block to sheep and goat shed to improve growth rate in animals.
Fisheries(Varieties)	Fisheries Specific Advisory
INLAND	Farmers may follow the fish pond feeding at 7.00-8.00 AM in morning and 5.00-6.00 PM in evening.
COMMON FISH	Farmers are advised to maintain the water level of 4 feet to avoid temperature impact of fishes.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Provide B-Complex liquid supplementation through drinking water to poultry birds to combat heat stress. Farmers are advised to reduce the number of birds in a unit area of poultry shed to overcome the heat stress.

Villupuram

SMS Advisory: Any bruises or wound noticed must be necessary veterinary care. Livestock Advisory: 1. The farmers should avoid allowing the animals to graze in hot parts of the day. 2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting veterinary doctor. 3. Dry fodder's and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin 4. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress. 5. When the air temperature is above 35 degrees Celsius the dairy cattle tend to drink more water thereby decreasing the Dry Matter Intake (DMI). Hence to overcome this succulent protein rich green fodder mixed with green fodder may be provided to livestock. 6. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing swill feed should be fed during late evening hours. 7. Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed. 8. Provision of cool wholesome drinking water to poultry during summer is essential. Agricultural advisory Rice: Alage in paddy field reduces the growth of crops. To control apply, 2 kg of coppersulphate mix with sand.2. Due to prevailing weather condition leaf folder and stem borerinfestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours. Sugarcane: Due to prevailing weather condition changes of sugarcane early shoot borer infection. Tocontrol spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l). coconut: Installation of yellow sticky traps (25 Nos./ ha) on the palm trunk to trap the adultwhiteflies.2. Encourage buildup of parasitoids (Encarsia sp.) and reintroduceparasitized pupae at emerging zones of whitefly outbreak.3. In sever case, sprayneem oil 20 ml/l of water or spray Azadirachtin 2.0 ml/l of water with 1.0 ml ofsticking agent.

Tiruvannamalai

SMS Advisory: Any bruises or wound noticed must be given first aid with fly repellent or neem oil with necessary veterinary care. Livestock Advisory: 1. The farmers should avoid allowing the animals to graze in hot 2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor. 3. Dry fodder's and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin 4. Increasing the frequency of feeding from three to four times per

day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress. 5. When the air temperature is above 35 degrees Celsius the dairy cattle tend to drink more water thereby decreasing the Dry Matter Intake (DMI). Hence to overcome this succulent protein rich green fodder mixed with green fodder may be provided to livestock. 6. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing swill feed should be fed during late evening hours. 7. Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed. 8. Provision of cool wholesome drinking water to poultry during summer is essential. Agricultural advisory Rice Rice ear head bug in rice symptom of sucking the sap from individual grains, which are in milky stage. Individual grains become chaffy. To Control ear head bug in rice, spray thiamethoxam 1gm/ litre of water and Notchi leaf extract 10 %. Chilli Prevailing weather condition is favorable 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. Banana To control panama wilt in banana, soil drenching with copper oxy chloride 2 g/litre. 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 @ 5ml ac. To control rhinoceros beetle in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown Papaya To control aphids in papaya , spray Imidachloprid @ 0.5 ml / litre.

Vellore

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be receive above normal rainfall and normal temperature for the period of 01.05.2022 to 07.05.2022. 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. Dry weather may be expected on next five days. So farmers are request to irrigate the field based on soil moisture.

Crop(Varieties)	Crop Specific Advisory
RICE	Rice ear head bug in rice symptom of sucking the sap from individual grains, which are in milky stage. Individual grains become chaffy. To Control ear head bug in rice Spray thiamethoxam 1gm/ litre of water and Notchi leaf extract 10 %.
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Prevailing weather condition is favorable 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.
BANANA	To control panama wilt in banana, soil drenching with copper oxy chloride 2 g/litre.
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 @ 5ml ac. Drought management and soil moisture conservation: Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of

	1.8 m radius around the palms as mulch for soil moisture conservation particularly during summer season.
PAPAYA	To control aphids in papaya , spray Imidachloprid @ 0.5 ml / litre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Keep cow and buffalos in shaded area and give clean & cool drinking water at all the time. Bath the cow and buffaloes at morning and evening. Don't allow for grazing during hot summer time. When heat stroke occur the animal respirate rapidly and more frothy salivation happen give Electro best powder or ORS powder 20 gram in 20 litre of water for drink. Vaccinate the cow and buffalo with foot and mouth disease vaccine.
GOAT	Don't allow sheep and goat for grazing during hot summer. Keep animal in shaded area and give fresh and clean drinking water at all time. Give FMD Vaccination. Give powder Electrobest 5 gm in 5 liter of drinking water to each sheep/goat at noontime.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Give clean and cold drinking water at all time. Give LASOTA Vaccine as Eye drops for chicks below 1month of age and give vaccine RDVK for adult birds. Curd, butter milk, green leaves, green fodder can be given at noon time. Give more space and more ventilation to avoid heat stress. Give Polc or Electro best @ dose of 1gm in one litre of drinking water during day time.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Before crop sowing soil testing to be done. Required of fertilizers may be applied cast will be reduced. Summer ploughing to be done. Due to summer ploughing insect and soil born pathogen will be destroyed and crop damaged will be minimized.

Cuddalore

From extended range forecast above normal rainfall, normal maximum temperature and minimum temperature expected for the period of 01.05.2022 to 07.05.2022 over Tamil Nadu. Farmers are advised to irrigate crop based on the soil moisture.

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, 2.0 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.

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).
GOAT	Farmers are advised to apply Butox solution (2.0 ml in 1 litre water) externally to remove ecto-parasites in sheep and goats

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected in western zone districts. Irrigation may be given based on soil moisture condition and apply crop residue mulch to reduce water loss through evaporation. Summer ploughing against the slope is advised to conserve the anticipated rain.
Sorghum		Considering the favourable weather, sowing of irrigated sorghum may be taken in the ploughed area followed by irrigation.
Cumbu	Sowing	Since light rain is anticipated, weeding may be done in irrigated Cumbu.
Groundnut		Prevailing weather is favorable for the tikka leaf spot incidence in Groundnut. Spray Carbendazim 500 gram or Mancozeb 1000 gram per ha.
Sugarcane		Because of rainfall and cloudy weather iron deficiency has been noticed in early season planted sugarcane. Spray 1% ferrous sulphate with 1% Urea at 15 days interval till deficiency symptoms clear.
Vegetables		Prevailing weather with wind speed 4-6km/hr 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 @ 2 gm per liter of water
Banana		Normally summer rain is accompanied with squally wind. Therefore stacking may be given to be five months old and above banana crop.
Coconut		Since light drizzling is expected, irrigation may be given based on soil moisture for coconut 60 to 100 litres of water may be supplied and mulching with coirpith is advised to conserve the moisture.
Animal		Summer rain may be accompanied with thunders and lightening, hence animals may not be allowed for open grazing during the rain hours. In some places Thullumari disease is observed in sheep and goats hence farmers are requested to allow the sheep and goats only during sunshine hours further they are requested to vaccinate in nearby veterinary hospital.

SMS advisory

Due to favourable temperature, the sucking pest in sesame may be controlled by dusting with 5% malathion during the evening hours.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected in western zone districts. Irrigation may be given based on soil moisture condition and apply crop

		residue mulch to reduce water loss through evaporation. Summer ploughing against the slope is advised to conserve the anticipated rain.
Sorghum		Considering the favourable weather, sowing of irrigated sorghum may be taken in the ploughed area followed by irrigation.
Cumbu	Sowing	Since light rain is anticipated, weeding may be done in irrigated Cumbu.
Groundnut		Prevailing weather is favorable for the tikka leaf spot incidence in Groundnut. Spray Carbendazim 500 gram or Mancozeb 1000 gram per ha.
Sesamum		The sucking pest ekkadian may appear in the milky capsules of summer irrigated sesame due to favourable maximum and minimum temperature. To control the pest, dust with 5% malathion in the evening hours.
Sugarcane		Because of rainfall and cloudy weather iron deficiency has been noticed in early season planted sugarcane. Spray 1% ferrous sulphate with 1% Urea at 15 days interval till deficiency symptoms clear.
Vegetables		Prevailing weather with wind speed 4-6km/hr 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 @ 2 gm per liter of water
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SMS advisory

Due to favourable temperature, the sucking pest in sesame may be controlled by dusting with 5% malathion during the evening hours.

Tiruppur

Agro advisory

Crop	Stage	Advisory
General		Light rainfall is expected in western zone districts. Irrigation may be given based on soil moisture condition and apply crop residue mulch to reduce water loss through evaporation. Summer ploughing against the slope is advised to conserve the anticipated rain.
Groundnut		Prevailing weather is favorable for the tikka leaf spot incidence in Groundnut. Spray Carbendazim 500 gram or Mancozeb 1000 gram per ha.
Sesamum		The sucking pest ekkadian may appear in the milky capsules of summer irrigated sesame due to favourable maximum and minimum temperature. To control the pest, dust with 5% malathion in the evening hours.

Sugarcane		Because of rainfall and cloudy weather iron deficiency has been noticed in early season planted sugarcane. Spray 1% ferrous sulphate with 1% Urea at 15 days interval till deficiency symptoms clear.
Vegetables		Prevailing weather with wind speed 4-6km/hr 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 @ 2 gm per liter of water
Banana		Normally summer rain is accompanied with squally wind. Therefore stacking may be given to be five months old and above banana crop.
Coconut		Since light drizzling is expected, irrigation may be given based on soil moisture for coconut 60 to 100 litres of water may be supplied and mulching with coirpith is advised to conserve the moisture.
Animal		Summer rain may be accompanied with thunders and lightening, hence animals may not be allowed for open grazing during the rain hours. In some places Thullumari disease is observed in sheep and goats hence farmers are requested to allow the sheep and goats only during sunshine hours further they are requested to vaccinate in nearby veterinary hospital.

SMS advisory

Due to favourable temperature, the sucking pest in sesame may be controlled by dusting with 5% malathion during the evening hours.

Nilgiris

Agro Advisory

Crop	Stage	Advisory
General		Next five days rainfall expected at isolated places. Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Harvest the matured crop immediately and store the harvested products at safe places.
Potato		While planting potato for this season, use disease resistant varieties like Kufri Giridhari and Kufri Swarna.
Carrot		To control nematode in carrot crop, apply Paecilomyces lilacinus @ 10 kg / ha at the time of sowing along with well decomposed farm yard manure.
Cabbage		In cabbage crop, to avoid root knot nematode infestation, follow the seed treatment with 10 grams of Paecilomyces, 10 grams of Trichoderma and 10 grams of Pseudomonas per kg of seed.
Cattle		Due to rainfall, allow the animals to graze outside, do not standing near the trees or electric poles. Provide adequate dry feed/fodder and drinking water.

SMS advisory

Next five days rainfall expected at isolated places. Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Harvest the matured crop immediately and store the harvested products at safe places.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

Agro Advisory

Crop	Stage	Advisory
Pulses		Harvest the matured blackgram and greengram plants and sundry the harvested pulses and store at below 9% moisture.
		For ensuing summer irrigated sowing, ADT 5 blackgram variety is suitable
Green manure		Rising of green manure crops like daincha, sunnhemp and kolinji can be done.
Livestock	Cattle and Goat	Calves above 3 months and sheep and goat above 2 months should be vaccinated against Foot and Mouth disease

SMS advisory

For ensuing summer irrigated sowing, ADT 5 blackgram variety is suitable

Dindigul

Extended range Forecast for next week (29th Apr– 05th May 2022): Rainfall: As per extended range predictions, there is possibility of near normal rainfall likely during the subsequent week. 29 April to 05 May 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 29 April to 05 May 2022.

Minimum Temperature: Minimum temperatures are likely to be generally normal and are likely to be in the range 20°C to 24°C over the district during next week. 29 April to 05 May 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at isolated places over Tamilnadu on 27 April 2022. Keep your Livestock / Animals safely in the shelters. In order to overcome the fodder crisis during

summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops. Chances of light rain during 27, 30 Apr & 1 May. Max temp-36°C-37°C & Min temp -25°C. Partly cloudy sky for next 5 days. Wind speed 6 kmph from SW & SE directions.

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to the prevailing weather condition, nutrition disorders may be found in Cotton. In the case of Zinc deficient soils, apply ZnSO ₄ @ 50kg/ha as basal or ZnSO ₄ 0.5% spray thrice at 45, 60 and 75 DAS. When reddening occurs in leaves apply 5% MgSO ₄ , Urea (1%) and ZnSO ₄ (0.10%) as a foliar spray on the 50th and 80th day to correct this malady. In Mg deficient areas apply MgSo ₄ @ 20 kg/ha basally. Need-based foliar spray of 2% MgSo ₄ + 1% Urea during boll formation stage.
Horticulture(Varieties)	Horticulture Specific Advisory

BITTER GOURD	Due to the prevailing weather, condition the incidence of mites is noticed in Bitter gourd. The symptoms are curling of leaves and stunted growth of creepers. To control spray Fermented curd @ 300 ml + Pseudomonas @ 40gm + Coconut water @ 250ml with 10litres of water. During severe infestation or after 12 days, spray Propargite @ 30ml + sticky agent @ 10ml with 10 litres of water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Farmers are advised to prevent Chick from Ranikeht disease, vaccinate your 6 Week old Chiks and RDVK Vaccination confers immunity for 1 to 3 years.

Madurai

Extended range Forecast for next week (29th Apr– 05th May 2022): Rainfall: As per extended range predictions, there is possibility of near normal rainfall likely during the subsequent week. 29 April to 05 May 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 29 April to 05 May 2022.

Minimum Temperature: Minimum temperatures are likely to be generally normal and are likely to be in the range 20°C to 24°C over the district during next week. 29 April to 05 May 2022. THUNDERSTORM

WARNING: Thunderstorms with lightning are likely to occur at isolated places over Tamilnadu on 27 April 2022. Keep your Livestock / Animals safely in the shelters. In order to overcome the fodder crisis during

summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops. Chances of light rain on 30 Apr & 1 May. Max temp-38°C-39°C & Min temp -26°C-27°C. Partly cloudy sky for next 5 days. Wind speed 6 kmph from SE & SW directions.

Crop(Varieties)	Crop Specific Advisory
RICE	Due to the prevailing weather condition the incidence of Green leafhopper in Paddy. It affects the leaves from tip to downwards and becomes yellowing in colour, retarded vigorous and stunted growth, drying up of plant due to sucking up of the leaf. It can be controlled by spraying the solution of Pungamoil @ 60ml + Iluppai oil @ 60ml + Neem oil @ 60ml + Sticky agent @ 10ml (Khadi soap @ 10gms) with 10 litres of water and mix well and spray 2 times at 12 days interval. Also, fix light traps in the field to attract & destroy the insects.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Due to the prevailing weather condition the incidence of Fruit and shoot Borer is noticed in Brinjal. The symptom of damage appears on fruit and shoot. The terminal shoots/dead hearts are withering. Boreholes on shoots and fruits plugged with excreta, shedding of flower buds. To control, set up light traps @ 2 nos. per acre. After harvesting, spray Neem Seed Kernel Extract (NSKE) @ 40ml + sticky agent @ 10ml with 10 litres of water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Farmers are advised to prevent Chick from Ranikeht disease, vaccinate your 6 Week old Chiks and RDVK Vaccination confers immunity for 1 to 3 years.

Pudukottai

Extended Range Forecast For Tamil Nadu 01 .05.2022 to 07.05.2022 (:During the Week from 01 th to 07 th May Rainfall Above Normal . Maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu. The heat wave will be widely felt in Pudukkottai district as the maximum temperature will be high at all places. So do not allow livestock for grazing during the day.

Crop(Varieties)	Crop Specific Advisory
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(Varieties)	Horticulture Specific Advisory
COCONUT	Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 m radius around the palms as mulch for soil moisture conservation particularly during summer season.
BRINJAL	Prevailing hot weather condition the incidence of Whitefly is expected in Brinjal . Farmers are advised to monitor the whitefly, and fix the yellow sticky trap at 12 per hac. And spray Neem oil 3ml + Teepol 1 ml per liter of water.
MANGO	Prevailing weather condition the incense of Grey Blight is expected in Mango. The symptom of damages appears on leaves. Brown spots develop on the margin and at the tip of the leaf lamina. They increase in size and become dark brown. To control this, spray Copper oxychloride @ 30 gm + Cartap hydro chloride @ 20gm + sticky agent @ 10ml with 10 litres of water.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Artificial insemination of goats and cows should be done within 9 am or after 4 pm due to the high heat of the day.
COW	In order to mitigate the effect of high temperature on animals provide adequate cool drinking water and green fodder and spray water on gunny bags surrounding the cattle shed.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	If the temperature is high during the day, raising the feed trough on the poultry farm from 10 a.m. to 5 p.m. can reduce the heat. Also, mixing mineral salts and B-vitamin C in drinking water can protect against heat exhaustion. To control parasitic infestation in livestock during summer, mix 3 ml of Butox in 1 liter of water and spray.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Due to the prevailing weather condition, to manage the pest occurrence in vegetable fields, farmers are advised to install Solar light traps @ 1 No. per acre, Pheromone trap @ 8Nos. per acre and Yellow sticky traps @ 8Nos. per acre. To prevent diseases, apply

	Trichoderma Viride @1kg per 500kg of farmyard manure during the last ploughing.
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Ramanathapuram

From extended range forecast, Above Normal rainfall and normal maximum temperature and Normal minimum temperature expected for the period of May 1 to May 7 over Tamil Nadu. Changing weather condition is favourable for ectoparasites in livestock so apply de-ticking solution like cypermethrin 1% (clinar) externally.

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 or Profenophos 800ml/ac.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	In coconut, to control the Rhinoceros beetle, the topmost three leaf axils around the spindle filled with Naphthalene balls three to four balls covered with fine sand, once in 45 days. Soak castor cake at 1 kg in 5 liter of water in small mud pots and keep them in the coconut gardens to attract and kill the adults.

Sivagangai

Extended range Forecast for next week (29th Apr– 05th May 2022): Rainfall: As per extended range predictions, there is possibility of near normal rainfall likely during the subsequent week. 29 April to 05 May 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 29 April to 05 May 2022.

Minimum Temperature: Minimum temperatures are likely to be generally normal and are likely to be in the range 20°C to 24°C over the district during next week. 29 April to 05 May 2022. THUNDERSTORM

WARNING: Thunderstorms with lightning are likely to occur at isolated places over Tamilnadu on 27 April 2022. Keep your Livestock / Animals safely in the shelters. In order to overcome the fodder crisis during

summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops. Chances of light rain on 27 Apr & 1 May. Max temp-38°C-40°C & Min temp -28°C-29°C. Partly cloudy sky for next 5 days. Wind speed 6 kmph from NE, SE & S directions.

Crop(Varieties)	Crop Specific Advisory
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CROSSANDRA	Due to the prevailing weather condition, the incense of nematode was noticed in Crossandra floral crop. The symptoms are stunted parches in the field, yellowing with puckering symptoms, internodal length reduced to give a rosette appearance, and lesions on the secondary and tertiary roots. To control, apply PaecilomycesLilacinus W.P@ 2kg/acre, apply FYM @ 12.5 t /ha and apply neem cake @ 500 kg/ha. Using the chemical method, mix Cartap Hydrochloride granules @ 7Kg per acre, with farmyard manure and apply.
CHILLI	Due to the prevailing weather conditions, the incidence of Muranai mite is noticed in Chilly. The symptoms of damage are downward curling and crinkling of leaves with elongated petiole and stunted growth of the plant. To control install 12 Nos. of Blue colour sticky trap and 12 Nos. of Yellow colour sticky trap per acre in the same pole as per the height of plants. Also, spread 25 Kg of Neem cake or Neem Kernel per Acre.
CHICK	Farmers are advised to prevent Chick from Ranikeht disease, vaccinate your 6 Week old Chiks and RDVK Vaccination confers immunity for 1 to 3 years.

Theni

Extended range Forecast for next week (29th Apr– 05th May 2022): Rainfall: As per extended range predictions, there is possibility of near normal rainfall likely during the subsequent week. 29 April to 05 May 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 29 April to 05 May 2022.

Minimum Temperature: Minimum temperatures are likely to be generally normal and are likely to be in the range 20°C to 24°C over the district during next week. 29 April to 05 May 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at isolated places over Tamilnadu on 27 April 2022. Keep your Livestock / Animals safely in the shelters. In order to overcome the fodder crisis during

summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops. Chances of light rain on 27 Apr & 1 May. Max temp- 34°C-46°C & Min temp -23°C-24°C. Partly cloudy sky for next 5 days. Wind speed 6-8 kmph from NW & SW directions.

Crop(Varieties)	Crop Specific Advisory
SUGARCANE	Due to the prevailing weather condition, the occurrence of Termites is found in Sugarcane. The characteristic symptoms appear on the leaves with semi-circular feeding marks on the margin. Poor germination of setts (after planting) causes yellowing and drying of outer leaves first, followed by the inner leaves. The entire shoot dries up and can be pulled out. To control, soil application of 30Kg of Neem cake per acre can be done and soil drenching of Imidacloprid @ 50gm per 10 litres of water.

GUAVA	Due to the prevailing weather condition the incense of Tea mosquito bug in Guava. The pest incidence was noticed on young leaves and fruits of Guava. To manage this pest, farmers are advised to collect and destroy the damaged plant parts and do regular pruning. Shade regulation facilitates proper penetration of sunlight inside the canopy which reduces the incidence of this pest. Spray Neem oil @ 50ml and Pungam Oil @ 10ml with 10litres of water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Farmers are advised to prevent Chick from Ranikeht disease, vaccinate your 6 Week old Chicks and RDVK Vaccination confers immunity for 1 to 3 years.

Virudhunagar

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted for day 1 (27.04.2022-8:30hrs) and day 5 (01.05.2022-8:30hrs). Increase in maximum temperature, irrigation may be given. Summer rainfall varies with location. Hence, based on the local weather and crop need, irrigation may be planned.
Agricultural/ Horticultural crops	Rainfall	As light rainfall is expected. Harvested agricultural and horticultural produce may be stored under protective shelter.
	Spraying/ Fertilizer	Based on the local weather, spraying of chemicals and fertilizer application may be done.
Livestock	Rainfall & Thunder	Light rainfall is expected, avoid leakage roof and livestock feed to be kept under protective area. If thunder occurrence is noticed avoid grazing.
Human		Stay indoors and avoid travel if possible, during heavy rainfall and thunderstorm.
Dry land		Farmers are requested to practice the summer ploughing based on the receipt of rainfall.
Chilli	Flowering and fruiting stage	Prevailing weather is conducive for Fruit Rot and Die Back diseases. The first spraying should be given just before flowering and the second at the time of fruit formation. Third spraying may be given a fortnight after second spraying. Chemicals like wetttable sulphur 0.2%, copper oxychloride 0.25% and Zineb 0.15% not only reduced the disease incidence but also increased the yield of fruits.
Sapota	Leaf Spot	Prevailing weather is conducive for Leaf Spot diseases The disease is characterized by numerous, small, pinkish to reddish brown spots with whitish centers in the leaf. Control: Spraying of <i>Mancozeb</i> (0.2%) 2 times at 15 days interval.

SMS: Rain:27.04&01.05-3&4mm. Provide irrigation based on the local weather. Harvested agricultural and horticultural produce may be stored under protective shelter.

Tamil Nadu		
Next five days	Weather warning	Thunderstorm with light to moderate rain is likely to

		<p>occur at one or two places over Kanyakumari, Tirunelveli, Western Ghats, Erode, Salem, Karur, Dharmapuri, Namakkal, Delta & adjoining districts, Sivaganga and Ramanathapuram districts of Tamilnadu and Karaikal on Day 1(27.04.22).</p> <p>Light to moderate rain is likely to occur at one or two places over Kanyakumari, Tirunelveli, Western Ghats & adjoining districts, Delta & adjoining districts and Ramanathapuram districts of Tamilnadu and Karaikal area on Day 2(28.04.22).</p> <p>Light to moderate rain is likely to occur at one or two places over Kanyakumari, Tirunelveli, Western Ghats & adjoining districts of Tamilnadu on Day 3(29.04.22).</p> <p>Light to moderate rain is likely to occur at one or two places over Kanyakumari, Tirunelveli and interior districts of Tamilnadu on Day 4(30.04.22) & Day 5(01.05.22).</p>
	Thunderstorm warning	Day 1(27.04.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu and Karaikal area.

Tirunelveli

Agro Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light to moderate rainfall is predicted for next five days. Postpone the irrigation. Based on the local weather and crop need, irrigation may be planned.
Agricultural/ Horticultural crops	Rainfall	Rainfall is expected for next five days. Harvested agricultural and horticultural produce may be stored under protective shelter.
	Spraying/ Fertilizer	Based on the local weather, spraying of chemicals and fertilizer application may be done.
Livestock	Rainfall & Thunder	Light rainfall is expected, avoid leakage roof and livestock feed to be kept under protective area. If thunder occurrence is noticed avoid grazing.
Human		Stay indoors and avoid travel if possible during heavy rainfall and thunderstorm.
Dry land		Farmers are requested to practice the summer ploughing based on the suitable soil moisture prevailing for ploughing.
Black gram	Flowering stage	Based on the local weather, spraying 2% DAP at the time of first appearance of flowers and a second spray at 15 days after first spray for enhanced seed set may be practice.
Chilli	Flowering and fruiting stage	Prevailing weather is conducive for Fruit Rot and Die Back diseases. The first spraying should be given just before flowering and the second at the time of fruit formation. Third spraying may be given a fortnight after second spraying. Chemicals like wettable sulphur 0.2%, copper oxychloride 0.25% and Zineb 0.15% not only reduced the disease incidence but also

		increased the yield of fruits. Prevailing weather is aphid is noticed. To control spray Imidacloprid 17.8 % SL@ 3.5 ml/10 lit.
Coconut	All stages	Rugose Spiralling whitefly is noticed in the prevailed weather condition. Application of water, maida solution as spray in order to increase the population of Encarsia parasitic. Also keep yellow stick trap.

SMS: Rain:27.04-01.05-6,2,4,14&8mm. Irrigation, Spraying may be avoided. Harvested agricultural and horticultural produce may be stored under protective shelter.

Tamil Nadu		
Next five days	Weather warning	Thunderstorm with light to moderate rain is likely to occur at one or two places over Kanyakumari, Tirunelveli, Western Ghats, Erode, Salem, Karur, Dharmapuri, Namakkal, Delta & adjoining districts, Sivaganga and Ramanathapuram districts of Tamilnadu and Karaikal on Day 1(27.04.22). Light to moderate rain is likely to occur at one or two places over Kanyakumari, Tirunelveli, Western Ghats & adjoining districts, Delta & adjoining districts and Ramanathapuram districts of Tamilnadu and Karaikal area on Day 2(28.04.22). Light to moderate rain is likely to occur at one or two places over Kanyakumari, Tirunelveli, Western Ghats & adjoining districts of Tamilnadu on Day 3(29.04.22). Light to moderate rain is likely to occur at one or two places over Kanyakumari, Tirunelveli and interior districts of Tamilnadu on Day 4(30.04.22) & Day 5(01.05.22).
	Thunderstorm warning	Day 1(27.04.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu and Karaikal area.

Thoothukudi

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Based on the local weather irrigation may be planned.
Agricultural/ Horticultural crops	Rainfall	As light rainfall is expected. Harvested agricultural and horticultural produce may be stored under protective shelter.
	Spraying/ Fertilizer	Based on the local weather, spraying of chemicals and fertilizer application may be done.
Livestock	Rainfall & Thunder	rainfall is predicted, avoid leakage roof and livestock feed to be kept under protective area. If thunder occurrence is noticed avoid grazing.
Human		Stay indoors and avoid travel if possible during heavy rainfall and thunderstorm.
Dry land		Farmers are requested to practice the summer ploughing based on the suitable soil moisture prevailing for ploughing.

Black gram	Flowering stage	Based on the local weather, spraying 2% DAP at the time of first appearance of flowers and a second spray at 15 days after first spray for enhanced seed set may be practice.
Chilli	Flowering and fruiting stage	Prevailing weather is conducive for Fruit Rot and Die Back diseases. The first spraying should be given just before flowering and the second at the time of fruit formation. Third spraying may be given a fortnight after second spraying. Chemicals like wettable sulphur 0.2%, copper oxychloride 0.25% and Zineb 0.15% not only reduced the disease incidence but also increased the yield of fruits. Prevailing weather is aphid is noticed. To control spray Imidacloprid 17.8 % SL@ 3.5 ml/10 lit.
Coconut	All stages	Rugose Spiralling whitefly is noticed in the prevailed weather condition. Application of water, maida solution as spray in order to increase the population of Encarsia parasitic. Also keep yellow stick trap.
Banana	All stages	Under prevailing weather condition Wilt disease noticed. Soil drenching of Carbendazim 0.1 per cent solution around the pseudostem at bimonthly intervals starting from five months after planting

SMS: Rain: 27&28.04-2&2mm. Based on the local weather, irrigation and spraying (Black gram-2% DAP spray) may be given. Harvested agricultural & horticultural produce may be stored under protective shelter.

Tamil Nadu		
Next five days	Weather warning	Thunderstorm with light to moderate rain is likely to occur at one or two places over Kanyakumari, Tirunelveli, Western Ghats, Erode, Salem, Karur, Dharmapuri, Namakkal, Delta & adjoining districts, Sivaganga and Ramanathapuram districts of Tamilnadu and Karaikal on Day 1(27.04.22). Light to moderate rain is likely to occur at one or two places over Kanyakumari, Tirunelveli, Western Ghats & adjoining districts, Delta & adjoining districts and Ramanathapuram districts of Tamilnadu and Karaikal area on Day 2(28.04.22). Light to moderate rain is likely to occur at one or two places over Kanyakumari, Tirunelveli, Western Ghats & adjoining districts of Tamilnadu on Day 3(29.04.22). Light to moderate rain is likely to occur at one or two places over Kanyakumari, Tirunelveli and interior districts of Tamilnadu on Day 4(30.04.22) & Day 5(01.05.22).
	Thunderstorm warning	Day 1(27.04.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu and Karaikal area.

Salem

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		

Jasmine	Vegetative	Due to prevailing weather alternaria leaf spot incidence may occur in jasmine. To control, spray foliar application of mancozeb @ 2.5 g/l at monthly interval.
Vegetable crops	Vegetative	Application of micro nutrients to vegetable crops may give good results. Farmers are advised to apply micronutrients to the vegetable crops through fertigation or foliar spray during the flowering to fruiting stage.
Paddy	Vegetative	Due to prevailing weather condition leaf folder infestation identified in paddy crop. To manage the leaf folder Release Trichogramma chilonis @5 cc (1, 00,000/ha) thrice at 37, 44 and 51 days.
Livestock	Sheep and Goat	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ecto - parasites in sheep and goats.
Sorghum	Vegetative	Shoot flies are damaging the sorghum crop mostly it affects the yield. The maggot bores inside the stem and cuts the growing point. Central shoots dried and produce "dead heart" symptom. The infested plant produces side tillers. Take up early sowing of sorghum immediately after the receipt of South West or North East Monsoon to minimise the shoot fly incidence. To control Shoot flies in sorghum, Apply Quinalphos 25EC 1500 ml /ha. Plough soon after harvest, remove and destroy the stubbles
Cotton	Vegetative	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.
Banana	Vegetative	Due to prevailing weather condition favourable for leaf spot infection in banana crop. To control spray carbendazim 1g/l or propiconazole 1ml/l or mancozeb 2.5 g/l with sticking agent @ 1 ml / lit at 10-15 days interval.
Livestock	General	Considering the temperature, artificial insemination to animals can be done in morning before 11am after cooling the animals by bathing.
Livestock	General	Flea bite in livestock leads to allerg reaction all over body. treatment for this apply mixer of betel vine leaves ,salt, pepper paste below the tongue.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
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Livestock	General	<p>Dairy animals undergo severe stress in hot climate due to prevailing higher temperature. This high temperature stress leads to reduction in the solids not fat (SNF) content of milk. This leads to lower price for the milk sold. This issue can be mitigated by reducing the heat stress by</p> <p>Avoiding the animals to graze during hot weather.</p> <p>Providing sufficient concentrate feed during the colder part of the day.</p> <p>Increasing the energy content of the concentrate feed by giving additional grains at the rate of 100g per litre of milk produced per day. Grains like maize, cumbu, sorghum, etc whichever is cheaper can be grinded and mixed with the concentrate feed of the dairy animals.</p> <p>Providing sufficient quantity of water throughout the day</p> <p>Water can be sprayed in the form of fine mist over the animal during the afternoon hours.</p> <p>Housing the animals in the poorly ventilated asbestos houses may be avoided. During summer animals can be comfortably tied under the tree shade with good ventilation.</p> <p>Dairy animals especially buffaloes may be observed for heat signs in the early morning and undertake breeding decisions accordingly.</p>
Poultry	General	<p>Control of flies in poultry farms</p> <p>In these days, there has been mild showers here and there in Namakkal and its surrounding districts 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.</p> <p>To control fly menace, the farm premises should be maintained hygienically through replacement of faulty nipples, proper disposal of dead birds and broken eggs.</p> <p>If fly intensity is high the birds should be fed with IGR mixed feed.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Water melon	Vegetative stage	<p>Thrips management in water melon</p> <p>Due to the prevailing change in climate, thrips incidence was noticed in water melon. To control this foliar spraying of neem oil 3 % and setting up of blue sticky trap @ 5 numbers / acre may be followed. If the incidence is more than Economic Threshold level, then foliar spraying of thiamethoxam @ 2 gram / litre of water mixed in 200 litre / acre may be adopted for control.</p>
Tapioca	Vegetative stage	<p>Mealy bug management in Tapioca</p> <p>Due to change in climate mealy bug incidence was reported in Tapioca crop. To control this foliar spraying of neem oil 3 ml and adjuvant 1ml in 1 litre of water can be done for 2 times at 15 days interval.</p>

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and	Stage	Weather advisory
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Crop		
Agro advisory from Krishi Vigyan Kendra, Dharmapuri :		
Crops	General	To control fruit fly in gourds, fixing of pheromone trap@ 5no/acre can attract and control fruit fly.
Livestock	Goat	Goat should be fed with 4kg green fodder CO5/COFS 31 along with 3kg agathi/subabul/valimasal with 400gram Azolla supplementation.
Tapioca	Vegetative	Management practices to be followed on white mealy bug affected plant in tapioca: Infected shoots should be removed. Collect infected dry plants and discard or burn away from the field. In early stage of infection, any one of the following insecticide can be spray: Azadirachtin 0.15 % @ 50 ml/ litre of water Fish oil resin soap @ 2.0 ml/ litre of water Any one of the following insecticide can be sprayed on rotation basis as and required Thiamethoxam 25 WG @ 0.5 gram /litre of water Flonicamid 50 WG @ 0.3 gram/ litre of water Spirotetramat 150 OD @ 1.25 ml / litter of water
Livestock	Cattle	Due to increasing temperature, chances for incidence of ephemeral fever in cattle's are very high. To control the fever, shade the animal under tree and feed the cattle with soaked fenugreek (50g/l) along with lemon water (1 lemon+ 20L of water +200g of jaggery +50g baking soda+50g of salt).

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	Dairy animals undergo severe stress in hot climate due to prevailing higher temperature. This high temperature stress leads to reduction in the solids not fat (SNF) content of milk. This leads to lower price for the milk sold. This issue can be mitigated by reducing the heat stress by Avoiding the animals to graze during hot weather. Providing sufficient concentrate feed during the colder part of the day. Increasing the energy content of the concentrate feed by giving additional grains at the rate of 100g per litre of milk produced per day. Grains like maize, cumbu, sorghum, etc whichever is cheaper can be grinded and mixed with the concentrate feed of the dairy animals. Providing sufficient quantity of water throughout the day Water can be sprayed in the form of fine mist over the animal during the afternoon hours. Housing the animals in the poorly ventilated asbestos houses may be avoided. During summer animals can be comfortably tied under the tree shade with good ventilation. Dairy animals especially buffaloes may be observed for heat signs in

		the early morning and undertake breeding decisions accordingly.
Poultry	General	Control of flies in poultry farms In these days, there has been mild showers here and there in Namakkal and its surrounding districts 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. To control fly menace, the farm premises should be maintained hygienically through replacement of faulty nipples, proper disposal of dead birds and broken eggs. If fly intensity is high the birds should be fed with IGR mixed feed.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Water melon	Vegetative stage	Thrips management in water melon Due to the prevailing change in climate, thrips incidence was noticed in water melon. To control this foliar spraying of neem oil 3 % and setting up of blue sticky trap @ 5 numbers / acre may be followed. If the incidence is more than Economic Threshold level, then foliar spraying of thiamethoxam @ 2 gram / litre of water mixed in 200 litre / acre may be adopted for control.
Tapioca	Vegetative stage	Mealy bug management in Tapioca Due to change in climate mealy bug incidence was reported in Tapioca crop. To control this foliar spraying of neem oil 3 ml and adjuvant 1ml in 1 litre of water can be done for 2 times at 15 days interval.

Karaikal

Weather based Agro-Advisories.

Crop/livestock	Stage/Particulars	Agro Advisory
Cotton	Vegetative stage	To control sucking pest in cotton spray Imidacloprid 17.8 SL @ 100 ml/ha (or) Azadirachtin 0.03% (300 ppm) 2500 ml/ha.
		To control mealy bug in cotton spray neem oil 2 % or NSKE 5 % or Buprofezin 25 SC @ 2 ml/ litre.
		To manage weeds in cotton, hand weeding on 45 DAS or apply post emergence herbicide pyriproxyfen sodium @ 62.5g a.i./ha + quizalofop ethyl @ 50 g a.i./ha at 45 DAS.

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

Puducherry

Weather based Agro-Advisories.

Crop	Stage/Particulars	Agro Advisory
Rice	Tillering stage	To manage rice stem borer, release parasitoid Trichogramma japonicum @1,00,000/ha at active tillering stage (37, 44 and 51 DAP) or Azadirachtin

		0.03% @ 4 ml/l or cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.
		To manage rice leaf folder release Trichogramma chilonis 5cc (1,00,000/ha) at 37, 44, 51 day after planting. Avoid excess application of nitrogen fertilizers. Setup light trap to attract adult moths. Setup T- shaped bird perches for predatory birds to control these pests. Apply cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.

SMS: 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

CHENNAI DISTRICT

Chennai Block

From extended range forecast Normal rainfall and Moderately above normal maximum temperature & minimum temperature expected for the period of 01.05.2022 to 07.05.2022 over Tamil Nadu. Any bruises or wound noticed must be given first aid with fly repellent or neem oil with necessary veterinary care.

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	1. The farmers should avoid allowing the animals to graze in hot parts of the day. 2. Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor
COW	4. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress. 5. When the air temperature is above 35 degrees Celsius the dairy cattle tend to drink more water thereby decreasing the Dry Matter Intake (DMI). Hence to overcome this succulent protein rich green fodder mixed with green fodder may be provided to livestock.
PIG	White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing swill feed should be fed during late evening hours.
RABBIT	Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed
CHICKEN	Provision of cool wholesome drinking water to poultry during summer is essential

TIRUVANNAMALAI DISTRICT

Anukkavur, Chengam, Arani, Chetput, Cheyyar, Jawadhu Hill, Kalasapakkam, Keelpennathur, Pernamallur, Polur, Pudupalayam, Thandrampet, Thellar, Tiruvannamalai, Thuringapuram, Vandavasi, Verbakkam, West Arani Blocks

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be below normal rainfall and normal temperature for the period of 01.05.2022 to 07.05.2022. Prevailing weather condition is favourable 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. Any bruises or wound noticed must be given first aid with fly repellent or neem oil with necessary veterinary care.

Crop(Varieties)	Crop Specific Advisory
RICE	Rice ear head bug in rice symptom of sucking the sap from individual grains, which are in milky stage. Individual grains become chaffy. To Control ear head bug in rice, spray thiamethoxam 1gm/ litre of water and Notchi leaf extract 10 %.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	To control panama wilt in banana, soil drenching with copper oxy chloride 2 g/litre.
PAPAYA	To control aphids in papaya , spray Imidachloprid @ 0.5 ml / litre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Keep cow and buffalos in shaded area and give clean & cool drinking water at all the time. Bath the cow and buffaloes at morning and evening. Don't allow for grazing during hot summer time. When heat stroke occur the animal respire rapidly and more frothy salivation happen give Electro best powder or ORS powder 20 gram in 20 litre of water for drink. Vaccinate the cow and buffalo with foot and mouth disease vaccine.

VILLUPURAM DISTRICT

Chinnasalam, Gingee, Kallakurichi, Kallrayan hill, Kana, Kandamangalam, Koliyanur, Mailam, Marakanam, Melmalayanur, Mugaiyur, Olakkur, Rishivandiyam, Sankarapuram, Thirukovilur, Thirunavalur, Thiruvainallur, Thiyagadurgam, Ulundurpet, Vallam, Vanur, Vikravandi Blocks

From extended range forecast below normal rainfall, normal maximum temperature and minimum temperature expected for the period of 01.05.2022 to 07.05.2022 over Tamil Nadu. Any bruises or wound noticed must be given first aid with fly repellent or neem oil with necessary veterinary care.

Crop(Varieties)	Crop Specific Advisory
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RICE	Alage in paddy field reduces the growth of crops. To control apply, 2 kg of coppersulphate mix with sand.2. Due to prevailing weather condition leaf folder and stem borerinfestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.
SUGARCANE	Due to prevailing weather condition changes of sugarcane early shoot borer infection. Tocontrol 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 (2.0 ml in 1 litre water) externally to removeecto-parasites in sheep and goats

NILGIRIS DISTRICT

Coonoor, Gudalur, Kotagiri and Ooty Blocks

Agro Advisory

Crop	Stage	Advisory
General		Next five days rainfall expected at isolated places. Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Harvest the matured crop immediately and store the harvested products at safe places.
Potato		While planting potato for this season, use disease resistant varieties like Kufri Giridhari and Kufri Swarna.
Carrot		To control nematode in carrot crop, apply Paecilomyces lilacinus @ 10 kg / ha at the time of sowing along with well decomposed farm yard manure.
Cabbage		In cabbage crop, to avoid root knot nematode infestation, follow the seed treatment with 10 grams of Paecilomyces, 10 grams of Trichoderma and 10 grams of Pseudomonas per kg of seed.
Cattle		Due to rainfall, allow the animals to graze outside, do not standing near the trees or electric poles. Provide adequate dry feed/fodder and drinking water.

SMS advisory

Next five days rainfall expected at isolated places. Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Harvest the matured crop immediately and store the harvested products at safe places.

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