



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 039/2023

For the period 0830 IST, 16th May 2023 to
0830 IST, 21st May 2023

Issued on Tuesday, 16th May 2023

Issued by

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

Agro climatic zones of the state

Sl. No	Agro climatic zone	Districts	Agro met field Unit (AMFU) location
1	Northeastern zone	Kanchipuram, Tiruvallur, Cuddalore Tiruvannamalai, Chennai, Villupuram , Vellore	Chennai
2	Northwestern zone	Dharmapuri, Krishnagiri, Salem and Namakkal	Namakkal
3	Western Zone	Erode, Tiruppur and Coimbatore,	Coimbatore,
4	Cauvery Delta zone	Thanjavur, Nagapattinam, Tiruvarur, Karur, Perambalur, Ariyalur and Tiruchirapalli.	Adudurai
5	Southern zone	Virudhunagar, Tirunelveli and 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 12.05.23 to 15.05.23 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 32°C – 41°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 21°C – 27°C during the period.

Minimum temperature of range 24°C - 31°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 10°C - 14°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	--	--
Isolated (One or Two Places)	12.05.23, 13.05.23, 14.05.23 & 15.05.23	Tamil Nadu
Dry	12.05.23, 13.05.23, 14.05.23 & 15.05.23	Puducherry

Chief Amounts of Rainfall (in cms):-

12.05.23 : Mulanur (dist Tiruppur), Tallakulam (dist Madurai) 6, Suralacode (dist Kanyakumari), Nilakottai (dist Dindigul), Mullanginavillai (dist Kanyakumari), Madurai South (dist Madurai) 5 each, Perunchani Dam (dist Kanyakumari), Namakkal (dist Namakkal), Tirupuvanam (dist Sivaganga), Puthan Dam (dist Kanyakumari), Mettupatti (dist Madurai), Madurai North (dist Madurai), Kangeyam (dist Tiruppur), Sivalogam (dist Kanyakumari), Gudalur Bazar (dist Nilgiris) 4 each, Periyapatti (dist Madurai), Balamore (dist Kanyakumari), Sathiar (dist Madurai), Kamatchipuram (dist Dindigul), Odanchatram (dist Dindigul), Kallakudi (dist Trichy), Dharapuram (dist Tiruppur), Uppar Dam (dist Tiruppur), Devala (dist Nilgiris), Andipatti (dist Madurai), Periyakulam (dist Theni), Kallaty (dist Nilgiris), TNAU Coimbatore (dist Coimbatore), Karaiyur (dist Pudukkottai) 3 each, Kundadam (dist Tiruppur), Ponnamaravathi (dist Pudukkottai), Kallandri (dist Madurai), Kadavur (dist Karur), Alakarai Estate (dist Nilgiris), Vadipatti (dist Madurai), Bhoonthapandy (dist Kanyakumari), Palavidithi (dist Karur), Aravakurichi (dist Karur), Kodanad (dist Nilgiris), Vattamalai Resorvoir (dist Tiruppur) 2 each, Illuppur (dist Pudukkottai), Naduvattam (dist Nilgiris), Shanthi Vijaya School (dist Nilgiris), Natham (dist Dindigul), Pechiparai (dist Kanyakumari), Chinnakalar (dist Coimbatore), Mohanur (dist Namakkal), Hogenekal (dist Dharmapuri), Nallathangal Resorvoir (dist Tiruppur), Kannimar (dist Kanyakumari), Kovilankulam (dist Virudhunagar), Chittampatti (dist Madurai), Kudimiyanmalai (dist Pudukkottai), Mukkadal Dam (dist Kanyakumari), Usilampatti (dist

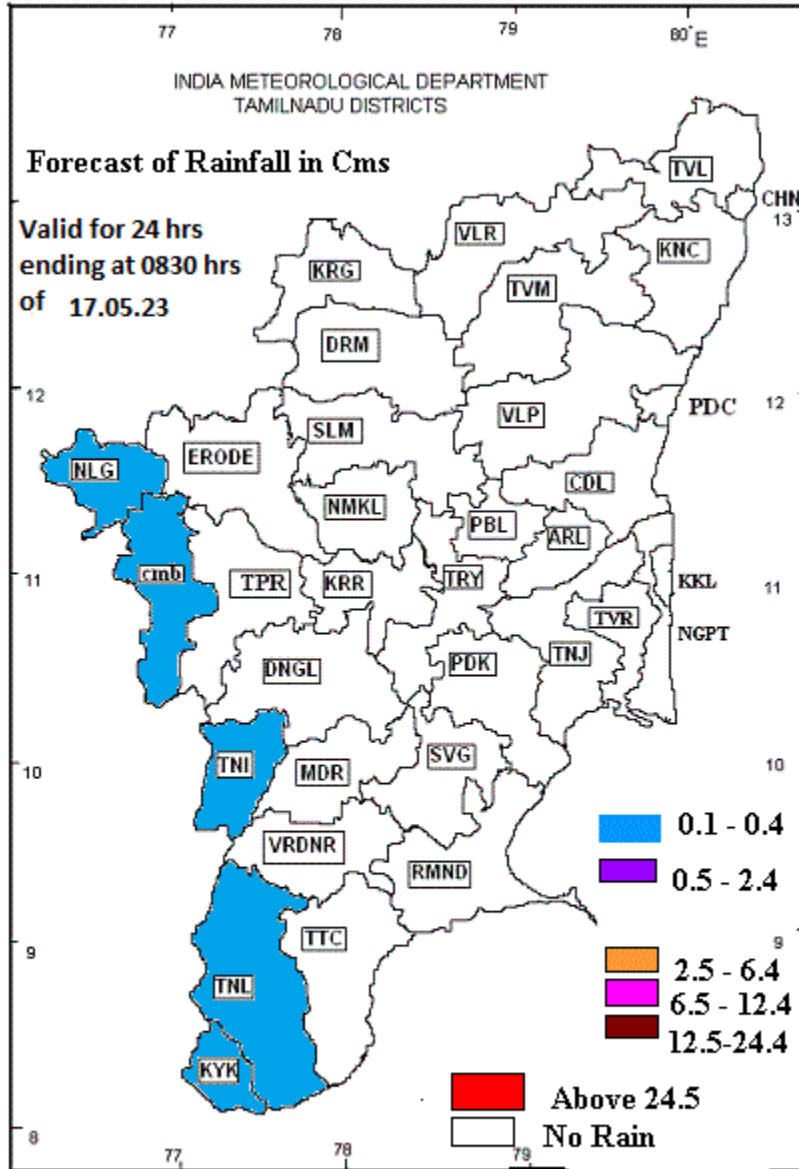
Madurai), Thaniamangalam (dist Madurai), Annur (dist Coimbatore), Aruppukottai KVK AWS (dist Virudhunagar), Singampunari (dist Sivaganga), Vellakoil (dist Tiruppur), Pullambadi (dist Trichy), Aruppukottai (dist Virudhunagar), Uthagamandalam (dist Nilgiris), Rasipuram (dist Namakkal), Kariyapatti (dist Virudhunagar), Pulipatti (dist Madurai), Tiruchirappalli Junction (dist Trichy), Thalavadi (dist Erode), Sathyamangalam (dist Erode), Manjalar (dist Theni), Erumapatti (dist Namakkal), Trichy Town (dist Trichy), Trichy Airport (dist Trichy), Vaigai Dam (dist Theni) 1 each.

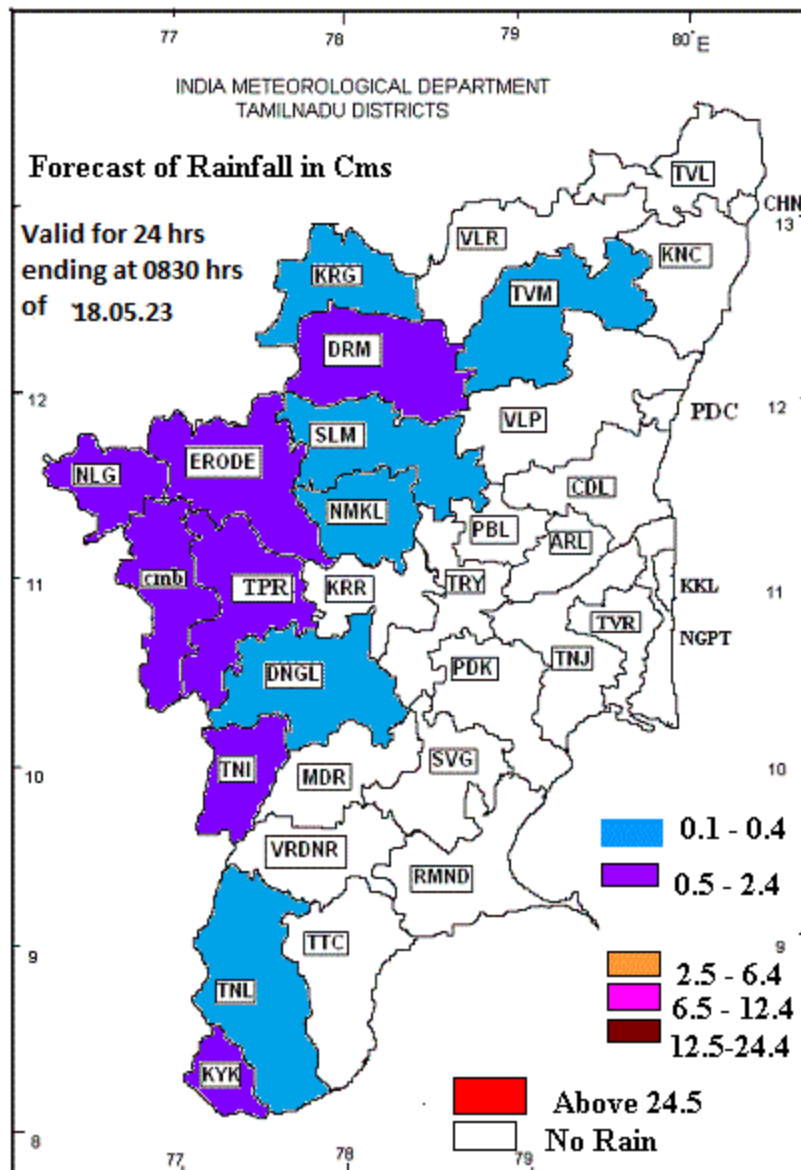
13.05.23 : Mullanginavillai (dist Kanyakumari) 6, Kurunthancode (dist Kanyakumari), Thuckalay (dist Kanyakumari) 5 each, Mambazhathuraiyaru (dist Kanyakumari) 4, Anaikedanku (dist Kanyakumari), Nagercoil (dist Kanyakumari), Kozhiporvilai (dist Kanyakumari) 3 each, Perunchani Dam (dist Kanyakumari), Puthan Dam (dist Kanyakumari), Mylaudy (dist Kanyakumari), Kuzhithurai (dist Kanyakumari), Eraniel (dist Kanyakumari) 1 each.

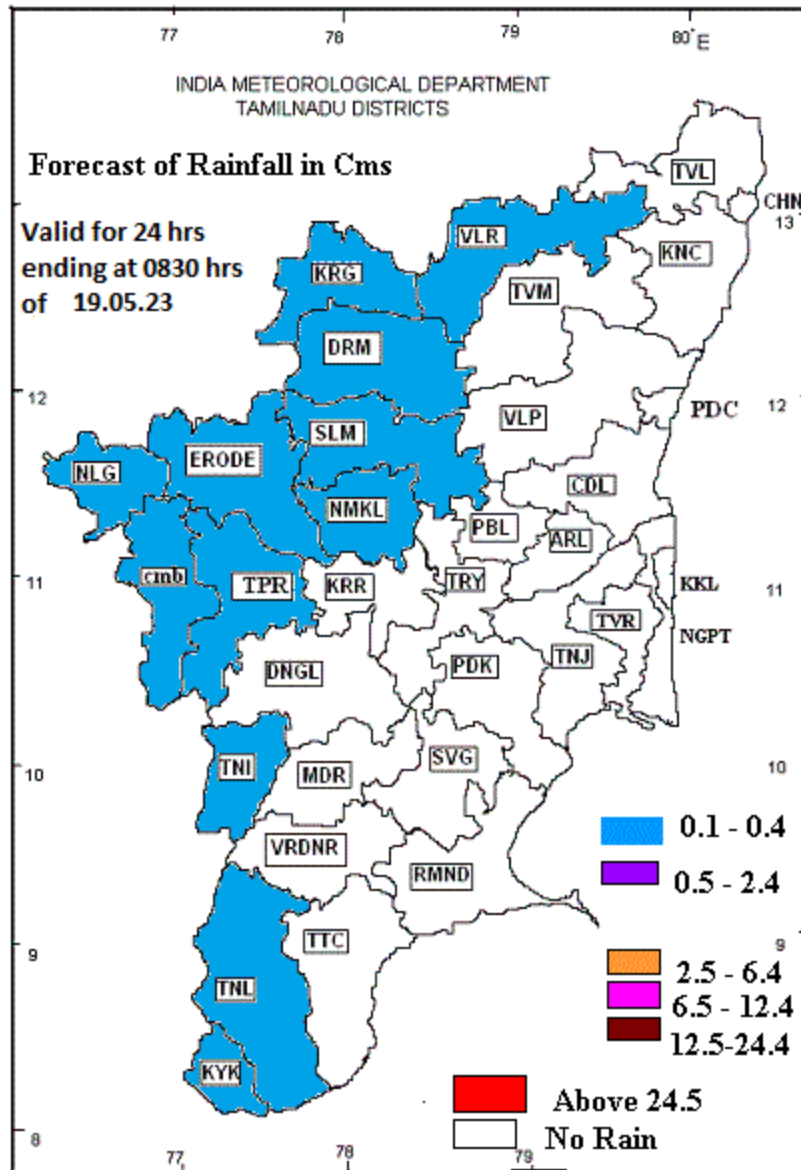
14.05.23 : Kundha Bridge (dist Nilgiris) 2; Ariyalur Camp Area (dist Kallakurichi) 1.

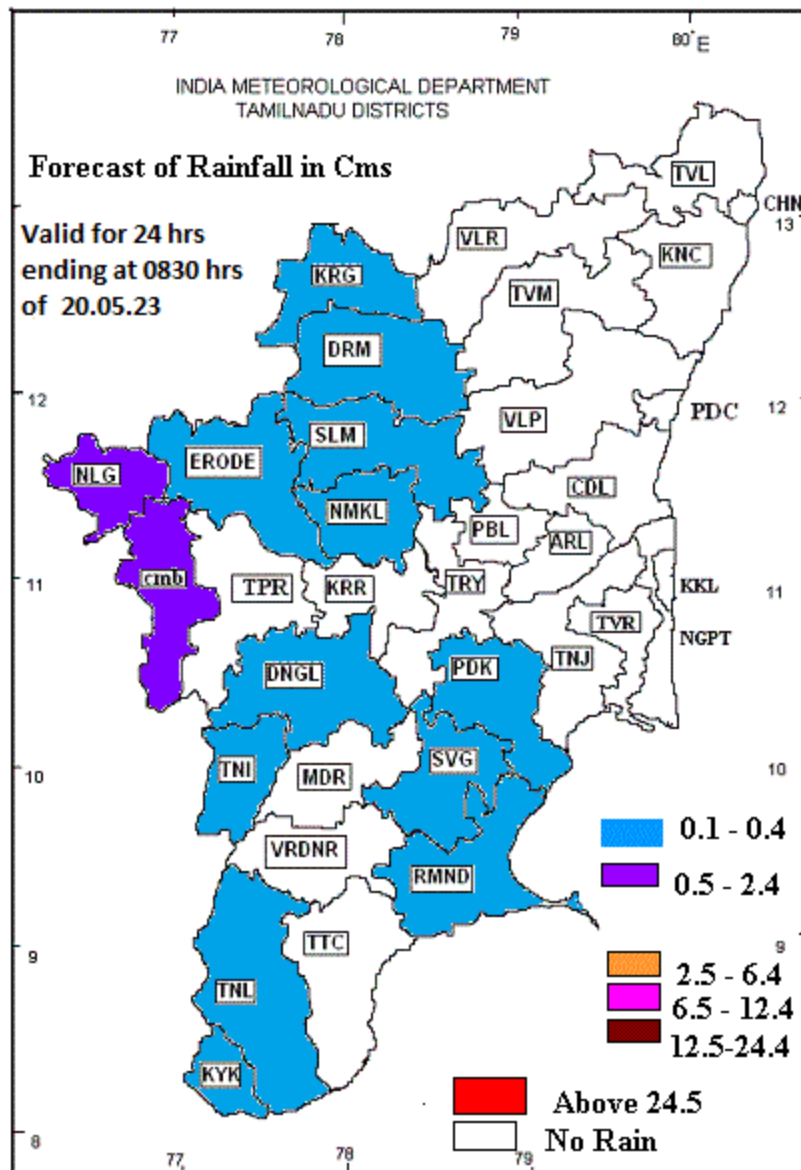
15.05.23 : Kilacheruvai (dist Cuddalore) 4, Agaram Seegoor (dist Perambalur) 1.

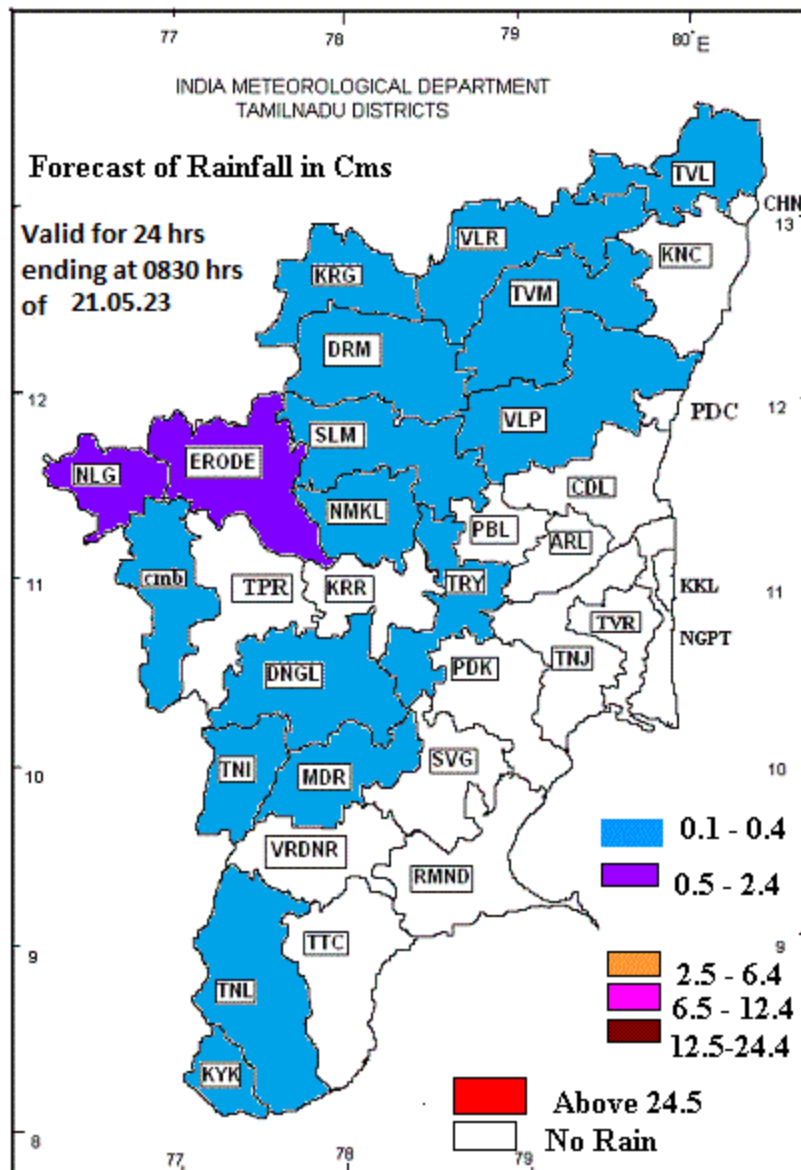
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 16.05.23
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

Chennai

SMS Advisory:

(18.05.2023-21.05.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

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

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- 8.Provision of cool wholesome drinking water to poultry during summer is essential.

Agricultural advisory 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.

Brinjal:

There are possibilities of red spider mite in Brinjal crop. For management farmers are advised to spray wettable sulphur 50 WP 2g/lit or dicofol 18.5 EC 2.5 ml/lit.

Villupuram

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- 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.
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- 8.Provision of cool wholesome drinking water to poultry during summer is essential.

Agricultural advisory Rice:

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. Due to prevailing weather condition brown plant leafhopper infestation is found in paddy crop. Symptoms Nymphs and adults congregate at the base of the plant above the water level. Affected plant dries up and gives a scorched appearance called "hopper burn". Circular patches of drying and lodging of matured plant. To control spray carbosulfan 400 ml/ac + imidaclopride 40ml/ac or pymetrozine 120 g/ac with wetting agent.

Gingelly:

Due prevailing weather conditions favourable for gingelly leaf webber infestation. To control spray Quinalphos 25 EC 2000 ml/ha in 500 litre of water. Due prevailing weather conditions favourable for gingelly root rot infection. Soil application of bacillus subtilis or T. asperellum @ 2.5 kg / ha with 50 kg of well decomposed FYM or sand at 30 days after sowing. Spot drench with carbendazim @ 1 g/l.

Groundnut:

Groundnut growing farmers reduce the root rot infection treat the seeds with carbendazim @ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed (or) bacillus subtilis @ 10 g/kg seed.

Tiruvannamalai

SMS Advisory:

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Livestock Advisory

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- 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 advisor

Rice:

Application of Azospirillum @2.5 kg /ha, phosphobacteria @ 2.5kg / ha and KRB @ 22.5 kg /ha mixed with 50kg of FYM or forest soil and broadcast after 10-15 days of transplanting. Application of PPM @ 1.5% foliar spray of avoid drought.

Weed management in wet direct sown rice: Sowing with drum seeder and cono weeding at 10,20 and 30 DAS or Pre emergence application of Pretilachlor 0.75 kg/ha on 8DAS followed by one hand weeding on 40 DAS or Application of Pyrazosulfuron ethyl @ 20g/ha on 3 DAS followed by cono weeding on 25 DAS or Application of Pendimethalin 1 kg /ha at 3 DAS followed by post emergence application bispyribac sodium 25 gram /ha at 25 DAS with one hand weeding at 45DAS.

Groundnut:

Treat the groundnut seeds with Trichoderma @ 4g/kg just before sowing.

Coconut:

In new coconut plantings the hybrids Dwarf × Tall or Tall × Dwarf may be used.

Mango:

The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex.

The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.

Vellore

As per the IMD extended range forecast (ERF), normal rainfall and temperature is likely over Tamil Nadu and Puducherry during 21st to 27th May 2023. Summer ploughing may be completed and to control the root borne diseases, root worms, pests and weeds in dryland agriculture farming system. Very light to

light rainfall and dry weather expected in the forthcoming days. So, farmers are advised to spray insecticides or herbicides with sticking agent.

Crop(Varieties)	Crop Specific Advisory
RICE	Treat the paddy seeds in Carbendazim or Pyroquilon or Tricyclozole at 2 g/litre of water for 1 kg of seeds. Soak the seeds for 8-10 hrs and drain excess water. This wet seed treatment gives protection to the seedlings up to 40 days from seed borne diseases. If the seeds are required for sowing immediately, keep the soaked seed in gunny in dark and cover with extra gunnies and leave for 24hrs for sprouting. Application of Azospirillum @ 2.5 kg /ha, phosphobacteria @ 2.5kg / ha and KRB @ 22.5 kg /ha mixed with 50kg of FYM or forest
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GROUNDNUT	Treat the groundnut seeds with Trichoderma @ 4g/kg just before sowing.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	In new coconut plantings the hybrids Dwarf × Tall or Tall × Dwarf may be used.
MANGO	The mango crop harvesting is in progress. The fruit may be harvested with 1cm stalk to avoid flow of latex. The fruits may be treated with 2ml /lit Ethrel along with few sodium hydroxide pellets for uniform ripening and color development.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Provide mineral mixture 30 gm / day productivity of dairy cow at summer also provide calcium tonic @ 50 ml of per day in drinking water.
GOAT	Provide tree fodder like agathi soundal , Glyricidia to the sheep and goat where less availability of grazing . Also provide liquid Brotone @ 2ml / goat or sheep in drinking water.
Poultry(Varieties)	Poultry Specific Advisory
HEN	Protect chicks and growing birds from rain and wind. Tightly close the curtain around the shed during raining. Give powder Electrol or Pol C @ 1 gram/ liter of drinking water during day time to protect from heat .
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
LAND PREPARATION	Chisel the soils having hard pan formation at shallow depth with chisel plough first at 0.5 m interval in one direction and then in the direction perpendicular to the previous one, once in three years. Apply 12.5 t/ha farm yard manure (FYM) or composted coir pith besides chiseling.

Cuddalore

From extended range forecast normal rainfall, minimum temperature and maximum temperature expected for the period of 21.05.2023 to 27.05.2023 over Tamil Nadu. Increase in maximum temperature, chance for increase of sucking pest. Farmers were advising to monitor the sucking pest and precaution may be given.

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. Due to prevailing weather condition brown plant leafhopper infestation is found in paddy crop. Symptoms Nymphs and adults congregate at the base of the plant above the water level. Affected plant dries up and gives a scorched appearance called "hopper burn". Circular patches of drying and lodging of matured plant. To control spray carbosulfan 400 ml/ac + imidaclopride 40 ml/ac or pymetrozine 120 g/ac with wetting agent.
Horticulture(V varieties)	Horticulture Specific Advisory
COCONUT	1. Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (Encarsia sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	1. Under prevailing conditions due to warmer air temperature during day time the livestock especially dairy cattle must not be allowed for grazing to avoid heat stress. 2. The dairy cattle must be provided with shelter facilitated with heat ameoliation measures to prevent drip in lactation due to heat stress. Measures such as fogging/misting may be provided during the noon hours.
GOAT	Don't allow for grazing in hot summer between 11.00 am to 3.30 pm. Secure the sheep and goat shadow area. Cold and drinking water to be available at all time. Dissolve 1 pocket of Electrol powder in 1litre of water and give 250 ml to heat stroke affected animals

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected with wind speed of 6 - 10 km/hr in Western zone during next five days. By utilizing the rainfall summer ploughing may be done against the slope to control weeds and arrest erosion. Since light rainfall alone expected, complete the spraying and fertilizer application operations during non rainy hours. Based on the soil moisture content, irrigation may be given to the

		irrigated crops to mitigate the impact from prevailing high temperature.
Rice	Nursery	Considering the anticipated rainfall sowing for short duration rice in nursery is recommended.
Sorghum	Vegetative	With the receipt of anticipated rainfall hand weeding may be done in irrigated Sorghum and apply 50 kg of urea per hectare as second top dressing.
Cumbu	Vegetative	With the receipt of anticipated rainfall hand weeding may be done in irrigated cumbu and apply 90 kg of urea per hectare as first top dressing.
Sugarcane		Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Banana	Above 5 months old	Since light rain fall with squally wind is expected, propping and providing support to five months old banana is recommended against the lodging.
Turmeric	Planting	By utilizing the rainfall, planting of turmeric may be done with drainage facilities. Based on soil moisture provide irrigation.
Tapioca	Harvest	Using the received and anticipated rainfall harvest may be programmed in Tapioca.
Animal		Along with rainfall lightening and thunders may occur, protect the animal by tying in the cattle shed.

SMS advisory

Since light rainfall alone expected, complete the spraying and fertilizer application operations during non rainy hours.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected with wind speed of 6 - 10 km/hr in Western zone during next five days. By utilizing the rainfall summer ploughing may be done against the slope to control weeds and arrest erosion. Since light rainfall alone expected, complete the spraying and fertilizer application operations during non rainy hours. Based on the soil moisture content, irrigation may be given to the irrigated crops to mitigate the impact from prevailing high temperature.
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Tapioca	Harvest	Using the received and anticipated rainfall harvest may be programmed in Tapioca.
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SMS advisory

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Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected with wind speed of 6 - 10 km/hr in Western zone during next five days. By utilizing the rainfall summer ploughing may be done against the slope to control weeds and arrest erosion. Since light rainfall alone expected, complete the spraying and fertilizer application operations during non rainy hours. Based on the soil moisture content, irrigation may be given to the irrigated crops to mitigate the impact from prevailing high temperature.
Cumbu	Vegetative	With the receipt of anticipated rainfall hand weeding may be done in irrigated cumbu and apply 90 kg of urea per hectare as first top dressing.
Sugarcane		Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Banana	Above 5 months old	Since light rain fall with squally wind is expected, propping and providing support to five months old banana is recommended against the lodging.
Tapioca	Harvest	Using the received and anticipated rainfall harvest may be programmed in Tapioca.
Animal		Along with rainfall lightening and thunders may occur, protect the animal by tying in the cattle shed.

SMS advisory

Since light rainfall alone expected, complete the spraying and fertilizer application operations during non rainy hours.

Nilgiris

To manage whitefly, place 20 yellow sticky traps coated with castor oil in polythene sheet to attract the white flies and to manage Leaf hoppers, aphids and glasshouse whitefly infesting bean crop, foliar application of methyl demeton 25 EC or dimethoate 30 EC @ 1 ml/lit is recommended. In carrot, foliar spraying of (micronutrient) 0.50 % ZnSo4 thrice on 45 days and 10 days after for each spray is recommended.

Horticulture(Varieties)	Horticulture Specific Advisory
BITTER GOURD	To manage aphids and jassids in bitter gourd, foliar application of imidacloprid 70 WG 1.0g/10lit. is recommended.

Nilgiris Block level

Coonoor, Gudalur, Kotagiri and Ooty Blocks

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Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

Agro Advisory

Crop	Stage	Advisory
General		Farmers can utilize the mobile apps viz., (TNAU AAS, Meghdoot and DAMINI), for more updated weather information.
Rice	Nursery	Rice varieties ADT 36, ADT 43, ADT 45 and ADT 47 are suitable for kuruvai season.
Rice	Nursery	The seeds should be treated with carbendazim (2 g/kg of seeds) or Pseudomonas (10g/kg of seeds) before sowing.
Cattle	Cow	As temperature is incensing, spread coconut leaves or paddy straws over the roof of the animal shed and spray cold water to reduce heat stress to the animals.

SMS advisory

Rice varieties ADT 36, ADT 43, ADT 45 and ADT 47 are suitable for kuruvai season.

Tiruchirapalli

Tamilnadu's average rainfall is likely to be From 1.31 mm to 2.29 mm. To control white fly in ladies finger, Spray azadirachtin 0.03 WSP at 5.0 grams per 10 litre of water.

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to prevailing weather condition boll rot disease may occur in cotton. To control boll rot, spray carbendazim @ 500 g or mancozeb @ 2000 g or copper oxychloride @ 2500 g/ha along with an insecticide recommended for boll worm from 45th day at fortnightly interval.
MAIZE	Spray maize maxim 3kg/acre in 200 litres of water with adequate quantity of wetting agent at the stage of Tassel initiation and grain filling stages. Benefits: Improves grain filling, Increases grain yield up to 20 per cent and Improves drought tolerance.
GROUNDNUT	Due to prevailing weather leaf spot disease may occur in groundnut. To control this

	diseasespray mancozeb @1000 g/ha.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	To control & decreases the button shedding in coconut, Give root feeding of the coconut tonic @ 200 ml/palm at 6-month interval. Coconut tonic (Rs. 310 / litre) available at KVK, Sirugamani, Trichy – 115. Contact: 6381186765.
TAPIOCA	Due to prevailing weather tuber rot may occur in tapioca. To control tuber rot, avoid water stagnation and make proper drainage facility and drench the spot with copper oxychloride @ 2.5 gm / ltr.
OKRA/ LADYFINGER	Due to prevailing weather powdery mildew disease may occur in lady's finger. To control spray carbendazim 1 gm/ltr immediately after noticing the disease and repeat after 15 days if necessary.
CHILLI	Due to prevailing weather the powdery mildew incidence may occur in chillies. To control, spray carbendazim @ 1 g/l three sprays at 15 days interval from the first appearance of symptoms.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ecto - parasites in sheep and goats

Tiruchirapalli Block level

Andanallur, Lalgudi, Manachanellur, Manapparai, Manikandam, Marungapuri, Musiri, Pullambadi, Tattayangarpettai, Thiruverambur, Thottiam, Turaiyur, Uppiliapuram & Vaiyampatti Blocks

Tamilnadu's average rainfall is likely to be From 1.31 mm to 2.29 mm. To control white fly in ladies finger, Spray azadirachtin 0.03 WSP at 5.0 grams per 10 litre of water.

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to prevailing weather condition boll rot disease may occur in cotton. To control boll rot, spray carbendazim @ 500 g or mancozeb @ 2000 g or copper oxychloride @ 2500 g/ha along with an insecticide recommended for boll worm from 45th day at fortnightly interval.
MAIZE	Spray maize maxim 3kg/acre in 200 litres of water with adequate quantity of wetting agent at the stage of Tassel initiation and grain filling stages. Benefits: Improves grain filling, Increases grain yield up to 20 per cent and Improves drought tolerance.
GROUNDNUT	Due to prevailing weather leaf spot disease may occur in groundnut. To control this diseasespray mancozeb @1000 g/ha.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	To control & decreases the button shedding in coconut, Give root feeding of the coconut tonic @ 200 ml/palm at 6-month interval. Coconut tonic (Rs. 310 / litre) available at KVK, Sirugamani, Trichy – 115. Contact: 6381186765.

TAPIOCA	Due to prevailing weather tuber rot may occur in tapioca. To control tuber rot, avoid water stagnation and make proper drainage facility and drench the spot with copper oxychloride @ 2.5 gm / ltr.
OKRA/ LADYFINGER	Due to prevailing weather powdery mildew disease may occur in lady's finger. To control spray carbendazim 1 gm/ltr immediately after noticing the disease and repeat after 15 days if necessary.
CHILLI	Due to prevailing weather the powdery mildew incidence may occur in chillies. To control, spray carbendazim @ 1 g/l three sprays at 15 days interval from the first appearance of symptoms.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ecto - parasites in sheep and goats

Dindigul

Extended range Forecast for next week (19th – 25th May 2023): Rainfall: As per extended range predictions, there is possibility of below normal to near normal rainfall likely over the district during 19th to 25th May 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 32°C to 36°C over the plains of the district during next week. 19th to 25th May 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 20°C to 24°C over the district during next week 19th to 25th May 2023.

Chances of light rain during 18, 20 & 21 May. Max temp 40°C- 41°C & Min temp -26°C- 27°C. Partly cloudy sky will appear for the next four days. Wind speed 6-8 kmph from NW, SW & W directions.

Crop(Varieties)	Crop Specific Advisory
MAIZE	The incidence of Corn worm / Earworm is expected in Maize. The symptoms appear on grains and Larva feeds on silk and developing grains. To manage, set up pheromone traps at 12Nos./hectare. Also set up light trap @ 1No./acre in the field to attract and kill the moths and insects. Mix Pungam Oil @ 50ml + Iluppai Oil @ 50ml + Neem Oil @ 50ml + Sticky agent @ 10ml with 10 litres of water and spray 2 times at 12 days interval.
SUGARCANE	Top dressing with fertilizers will give good results in Sugar cane cultivation. In the case of the lift irrigation belt, apply 225 kg of nitrogen and 112 ½ kg of K ₂ O per hectare in three equal splits during 30, 60, and 90 days.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Maximum temperature is likely to increase by 2 to 4degree Celsius above normal over the Tamilnadu for next three days. To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand of
	minerals. Potassium rich mineral mixture should be preferred for your cattle. Cover the sides of cow shed with wet gunny bags.
Poultry(Varieties)	Poultry Specific Advisory

CHICK	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.
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Madurai

Extended range Forecast for next week (19th – 25th May 2023): Rainfall: As per extended range predictions, there is possibility of below normal to near normal rainfall likely over the district during 19th to 25th May 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 32°C to 36°C over the plains of the district during next week. 19th to 25th May 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 20°C to 24°C over the district during next week 19th to 25th May 2023. Chances of light rain on 21 May. Max temp 40°C- 41°C & Min temp -26°C- 27°C. Partly cloudy sky will appear for the next four days. Wind speed 6-8 kmph from SW & W directions.

Crop(Varieties)	Crop Specific Advisory
MAIZE	The application of micronutrients will rectify the nutrient deficiency in Maize Cultivation. Farmers who have planted maize recently can apply 5kg of Millet nutrient mixture or 10 Kg of ZnSo4/acre. Also, apply Farm Yard Manure along with 2kgs of Azospirillum and 2kgs of Phosphobacteria per acre.
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Treat the chilly seeds with 100gm of Trichoderma viride and 100gm of Bacillus Subtilis for the seeds required for 1 Acre. It acts against damping off Die-back and fruit rot disease in chilly. Treating the chilly seeds with Azospirillum @ 2kg per acre will reduce the 25% Nitrogen need of the crop.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Maximum temperature is likely to increase by 2 to 4degree Celsius above normal over the Tamilnadu for next three days. To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred for your cattle. Cover the sides of cow shed with wet gunny bags.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	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.

Pudukottai

Extended Range Forecast For Tamil Nadu 21 .05.2023 to 27 .05.2023. During the Week from 21 th to 27 th May Rainfall Normal . Maximum temperatureand minimum temperature Normal is likely to occur over Tamilnadu. There is no sufficient rainfall for the forthcoming days. Irrigation should be given to fruit trees, Spices, Vegetables and other horticultural crops.

Crop(Varieties)	Crop Specific Advisory
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GROUNDNUT	Farmers are advised to take up sowing of Groundnut variety Co – 7 and Dharani in current Vaigasipattam and also advised seed treatment with Trichoderma viride @ 4 gram / kg of seeds before sowing.
MAIZE	Application of micronutrient will rectify the nutrient deficiency in Maize Cultivation. Farmers who have planted maize recently can apply 5kg of Millet nutrient mixture or 10Kg of ZnSo4 /acre. Also apply Farm Yard Manure along with 2kgs of Azospirillum and 2kgs of Phosphobacteria per acre.
JASMINE	Jasmine Flowering stage Soil drenching with Trifloxystrobin + Tebuconazole @ 0.75 g/litre or Difenoconazole @ 0.5g/l to control the root rot.
Horticulture(Varieties)	Horticulture Specific Advisory
PAPAYA	Prevailing weather condition is conducive for the mealy bug attack in tapioca and papaya. Hence farmers are requested to monitor the crop and if required spray neem oil 2% or neem seed kernel extract @ 5% or Profenophos @ 2ml /liter of water.
BRINJAL	To manage the pest occurrence in vegetable crop fields, farmers are advised to install a Solar light trap @ 1 No. per acre, Pheromone trap @ 8Nos. per acre and Yellow sticky traps @ 8Nos. per acre. To prevent diseases Trichoderma Viride @1kg per 500kg of farmyard manure can be applied during the last ploughing.
TOMATO	To get an increase in yield in Tomato, top dressing of Urea @ 325kg per hectare and MOP @ 250 kg per hectare in three equal splits on 30th, 45th and 60th days after planting, is recommended.
COCONUT	Application of Bio-fertilizer for Coconut is an important practice, utilizing the moisture due to recent rainfall, farmers are advised to mix and apply 50gm of Azospirillum, 50gm of Phosphobacteria, and 50gm of VAM with a sufficient quantity of compost or FYM per palm. Apply this mix near the feeding roots of the palm. Starting from planting time, do this process once every six months. Don't mix bio inputs with any chemical fertilizers and pesticides.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Farmers are advised to deworm their goats for Round / Tap Worms for the month of May-June. The deworming should be done in the morning and the goat should be on an empty stomach.
GOAT	Due to the prevailing weather conditions, PPR disease may affect your goats and sheep. Farmers are advised to approach the nearby veterinary clinic during the month of June to vaccinate their animals and prevent them from PPR disease.

Ramanathapuram

To overcome the micronutrient deficiency in cotton farmers are advised to apply cotton plus through foliar application. From extended range forecast, normal rainfall, maximum and minimum temperature expected for the period of May 21 to May 27 over Tamil Nadu.

Crop(Varieties)	Crop Specific Advisory
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COTTON	Dry weather with high temperature is favourable for incidence of thrips in Chilli. The damage symptoms are infested leaves crinkle and curl upwards, flower buds become brittle and drop down. Early stage infestation leads to stunted growth and reduction in flower production and fruit setting. If symptoms are observed in field, spray any one of the chemicals viz., . Fipronil 5 SC @ 300 ml/ac or Imidacloprid 17.8 SL @ 60 ml/ac or Spinetoram 11.7 SC @ 200 ml/ac.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Due to the prevailing weather condition incidence of incidence of thanjore wilt is expected in coconut. Initial symptoms of Thanjore wilt start with yellowing and drooping of the outer whorl of leaves followed by exudation of reddish brown liquid through cracks at the base of the trunk and decaying of tissues at bleeding point. To manage the wilt, spray Hexaconazole 5 SC 2 ml with 100 ml of water applied as root feeding (3 times at 3 months interval).
Poultry(Varieties)	Poultry Specific Advisory
HEN	Due to prevailing weather condition favorable for ranikhet disease in poultry. The main symptoms are twisting of neck and paralysis of wings and legs, Diarrhoea, Drop in egg production and sudden death. To prevent ranikhet diseases in poultry contact the local veterinarian for vaccination.

Sivagangai

Extended range Forecast for next week (19th – 25th May 2023): Rainfall: As per extended range predictions, there is possibility of below normal to near normal rainfall likely over the district during 19th to 25th May 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 32°C to 36°C over the plains of the district during next week. 19th to 25th May 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 20°C to 24°C over the district during next week 19th to 25th May 2023. Chances of light rain on 20 May. Max temp 40°C- 41°C & Min temp -26°C- 27°C. Partly cloudy sky will appear for the next four days. Wind speed 8-10 kmph from SW, SE & S directions.

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Kind attention to coconut farmers, Button shedding is noticed in coconut fields. To control button shedding, farmers are advised to go with the root feeding of Coconut Tonic of TNAU @ 200ml/Tree. This can be continued at 6-month interval.
BANANA	It is important to apply micronutrients to Banana crops planted in garden land, spraying of Plantozyme @ 2ml/litre of water is recommended. Similarly, Acid lime and Zinc Sulphate @ 5gm/litre of water can also be sprayed at this stage.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Maximum temperature is likely to increase by 2 to 4degree Celsius above normal over the Tamilnadu for next three days. To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased

	demand of minerals. Potassium rich mineral mixture should be preferred for your cattle. Cover the sides of cow shed with wet gunny bags.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	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.

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Extended range Forecast for next week (19th – 25th May 2023): Rainfall: As per extended range predictions, there is possibility of below normal to near normal rainfall likely over the district during 19th to 25th May 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 32°C to 36°C over the plains of the district during next week. 19th to 25th May 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 20°C to 24°C over the district during next week 19th to 25th May 2023. Chances of light rain during 18, 20 & 21 May. Max temp 40°C- 41°C & Min temp -26°C- 27°C. Partly cloudy sky will appear for the next four days. Wind speed 6-8 kmph from NW & W directions.

Horticulture(Varieties)	Horticulture Specific Advisory
MANGO	In this situation, it is important to control the flower and finches shedding in the Mango crop. It is also essential to follow the yield-increasing practices in Mango. To increase fruit retention, farmers are advised to spray, NAA @ 20ppm at the flowering stage. If the trees do not flower, by that time, to induce the flowering, spray any one of the following, 0.5% Urea (5g/lit.) OR 1% Potassium Nitrate (10g/lit.).
GRAPES	Prevailing weather is suitable for pruning in Grapes field. In general, four-bud level pruning can be adopted for Muscat, Green grapes, hybrids, and two-bud level pruning for Thompson Seedless. It is better to decide the level of pruning as per the bud forecasting technique. Weak and immature canes should be pruned with one or two buds to induce vegetative growth. Pruning can be done during May & June months for monsoon crops.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Maximum temperature is likely to increase by 2 to 4degree Celsius above normal over the Tamilnadu for next three days. To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred for your cattle. Cover the sides of cow shed with wet gunny bags.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	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.

Kanyakumari

AGRO ADVISORIES:

S. N.	CROP	STAGES	ADVISORIES
	There are possibilities of rainfall during the fourth coming five days. Maximum temperature will range from 31 - 33°C and minimum temperature will range from 25 - 26°C. Partly cloudy condition may prevail. The relative humidity will be 50 – 90 %. Wind speed may be 8 - 10 km / hr in West direction.		
1.	Banana	Shooting	High wind Speed is anticipated it is advised to provide mechanical support to banana crop to avoid lodging.
2.	Coconut	Grown up tree	Hook out the beetles using a long iron rod and kill them at the time of harvest. Apply 3 naphthalene balls/palm with 100g sand at the crown of the tree once in 45 days to control the Rhinoceros Beetle.
3.	Pepper	Maturity stages	The spike shedding can be reduced by foliar spray of Diammonium Phosphate 1.0% four times viz., before flower initiation (May), during new leaves and flower emergence (June), before spike initiation (July) and pinhead stage of berries (August).
4.	Pineapple	Harvest stage.	Harvest should be done when the colour of base of the fruit is slightly changed.
5.	Fruit trees and Tree spices	All stages	Strengthening the basins may be taken up for better harvesting of rains.

SMS Advisory

Pepper: If excess weed growth noticed, resort to slash weeding in the inter spaces and clean weeding at the base of the standard.

Salem

Weather Advisory Bulletin for livestock, poultry and agro advisory

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Pulses	General	If pulses are cultivated after paddy harvest, use the following varieties. If Black gram use VBN 8, 9 & 10. If Green gram use CO 8.
Crops	General	Treat setts with Aerated steam at 50°C for one hour to control primary infection of grassy shoot disease or The setts should be soaked in Carbendazim (1 gram in 1litre of water).
Sugarcane	Vegetative	Detrash the crop on 150th and 210th day of planting. Detrashing dislodge the pupae that remain in the leaf sheath. Install pheromone traps @ 10Nos. /ha for surveillance and monitoring, change the septa/lure once in 45 days. Release egg parasitoid, Trichogramma chilonis at the rate of @ 2.5 cc / release / ha. Six release at fortnightly intervals starting from 4th month onwards.
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.
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.
Onion	Vegetative	Due to prevailing weather Pythium Root Rot incidence may occur in onion, To control this disease, if after sprouting, apply trichoderma viride @ 2.5 kg/ha with FYM by soil application. if not yet started sowing treat the bulbs with thiram or captan @ 4 g/kg.
Livestock and Poultry	General	While rearing desi chicken in deep litter system of housing , care should be taken to should be avoid excess moisture content in litter material (groundnut husk, paddy husk) if excess moisture is Observed in litter material,lime powder sbsorbs the excess moisture and also it acts as disinfectant and reduces the microbial load inside the shed.
		Sheep should be vaccinated against sheep pox in the month of january to prevent occurrence of the disease. In the months forth coming.
		Feeding of azolla in desi chicken nill improves the body weight and also the hatchability.
		Sub acute mastoiditis can be controlled by regular application of TANUVAS mastiguard application twice a day before milking the udder and teathes.
		Daily fogging or aerosoling for adult mosquitoes may provide relief (over fogging causes breathing problem) , for effective control draining mosquito breeding sites are advised.
		Livestock and poultry should be free from ectoparasites, so remove once in 3 months.
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 tonque.		

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	Poultry farmers are advised to strictly adhere to summer management practices. Feed intake is particularly found to have gone below 90 – 95 gram / day / hen, leading to reduced egg production and reduced egg size. Though recent rains brought down the temperatures, they are likely to go up again and cause hardship to the layers. Hence, strictly follow the summer management for feeding. The farmers are advised to add amino acids more importantly methionine and lysine, use oils to increase energy content of feed, electrolytes and vitamin C. Further, sodium bicarbonate salt should be added @ 1.5 – 2.0 kg / tonne of feed to avoid egg breakages. The feeding timing should be only twice in a day ie morning (5 am – 10 am) and evening (5 pm – 9 pm) to avoid heat stroke mortality among the layers. Plentiful of cool water should be assured all the day through.
Livestock	General	Due to very high and prolonged day temperatures, dairy farmers are advised to feed their cattle and small ruminants with sufficient quantities of concentrates for the maintenance of body weight and milk production. To compensate the decreased fodder intake during summer season farmers should ensure feeding of excess concentrate mixed with water during the cooler parts of the day. To improve the conception rate in dairy animals farmers are advised to inseminate their animals in the early morning and late evening. Add sufficient quantity of sodium bi carbonate, electrolytes and vitamins supplements in the drinking water to reduce the heat stress in livestock.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Groundnut	Sowing season	Apply 80 kg of gypsum at the time of sowing of groundnut and 80 kg at 45 days after sowing of groundnut to increase the yield of crops per acre.
Castor	Sowing season	Castor growers are requested to enrich castor micronutrient mixture @ 4 kg for rainfed and 6 kg for irrigated crops with composted farm yard manure @ 1:10 ratio with optimum moisture and then apply as basal dose while take up sowing of castor in order to get better yield without any nutritional deficiency in crops.
Vegetable crops	Vegetative stage	Farmers are requested to give foliar spraying with vegetable booster @ 5 gram / litre of water alongwith sticking agent at 15 days interval.
Banana	General	KVK, Namakkal entered in to MoA with National Research Centre for Banana, Trichy and got TOT for Banana Shakti micronutrient formulation. Since April 2022 KVK, Namakkal has started producing and selling Banana Shakti. Hence, banana growers are advised to purchase Banana Shakti from KVK, Namakkal on cost basis @ Rs. 250 / kg.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

As light rainfall is predicted next five days, farmers are advised for drainage facilities. Continuous rainfall may damage crop, so farmers are advised to provide to prevent the crop lodging. Farmers are requested to postpone the irrigation to avoid plant root suffocation. High relative humidity with moderate wind speed is conducive for disease spread. So, farmers are advised to take the prophylactic measures to control the disease spread and to protect the livestock, poultry and pets.	
Light rainfall – Utilizing the rainfall, summer ploughing may be done against the slope to control weeds, pest and diseases, in addition to conserve summer rains.	
Crop	Advisory
Rice	Due to Continuous rainfall forecast may damage crop, farmers are advised to provide adequate drainage facilities to the rice nursery to avoid seedling damage
Tapioca	Provide proper drainage facility, Avoid spraying operation and fertilizer application, Avoid farm operation during thunderstorm, Root rot, Drenching for carbendazim 1g/ lit
Tomato	Bacterial wilt- High soil moisture. Rapid and complete wilting of plant. Lower leaves drop before wilting. Yellow brown discolouration of tissues. White bacterial ooze from cut ends. Drenching with bleaching powder @ 10 kg / ha.
Mango	Anthraxnose and stalk end-rot Pre-harvest spraying of Mancozeb 2g/lit or Carbendazim 1g/lit or Thiophanate methyl 1g/lit or Chlorothalonil 2 g/lit, 3 times at 15 days interval will control anthracnose and stalk end-rot.
Cattle	Along with rainfall lightening and thunders may occur, protect the animal by tying in the cattle shed.
General Advisory	Farmers are requested to practice the summer ploughing based on the suitable soil moisture prevailing for ploughing. Utilizing the rainfall, summer ploughing may be done against the slope to control weeds, pest and diseases, in addition to conserve summer rains.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	Poultry farmers are advised to strictly adhere to summer management practices. Feed intake is particularly found to have gone below 90 – 95 gram / day / hen, leading to reduced egg production and reduced egg size. Though recent rains brought down the temperatures, they are likely to go up again and cause hardship to the layers. Hence, strictly follow the summer management for feeding. The farmers are advised to add amino acids more importantly methionine and lysine, use oils to increase energy content of feed, electrolytes and vitamin C. Further, sodium bicarbonate salt should be added @ 1.5 – 2.0 kg / tonne of feed to avoid egg breakages. The feeding timing should be only twice in a day ie morning (5 am – 10 am) and evening (5 pm – 9 pm) to avoid heat stroke mortality among the layers. Plentiful of cool water should be assured all the day through.

Livestock	General	<p>Due to very high and prolonged day temperatures, dairy farmers are advised to feed their cattle and small ruminants with sufficient quantities of concentrates for the maintenance of body weight and milk production.</p> <p>To compensate the decreased fodder intake during summer season farmers should ensure feeding of excess concentrate mixed with water during the cooler parts of the day.</p> <p>To improve the conception rate in dairy animals farmers are advised to inseminate their animals in the early morning and late evening</p> <p>Add sufficient quantity of sodium bi carbonate, electrolytes and vitamins supplements in the drinking water to reduce the heat stress in livestock.</p>
Agro advisory from Krishi Vigyan Kendra,		
Groundnut	Sowing season	Apply 80 kg of gypsum at the time of sowing of groundnut and 80 kg at 45 days after sowing of groundnut to increase the yield of crops per acre.
Castor	Sowing season	Castor growers are requested to enrich castor micronutrient mixture @ 4 kg for rainfed and 6 kg for irrigated crops with composted farm yard manure @ 1:10 ratio with optimum moisture and then apply as basal dose while take up sowing of castor in order to get better yield without any nutritional deficiency in crops.
Vegetable crops	Vegetative stage	Farmers are requested to give foliar spraying with vegetable booster @ 5 gram / litre of water alongwith sticking agent at 15 days interval.
Banana	General	KVK, Namakkal entered in to MoA with National Research Centre for Banana, Trichy and got TOT for Banana Shakti micronutrient formulation. Since April 2022 KVK, Namakkal has started producing and selling Banana Shakti. Hence, banana growers are advised to purchase Banana Shakti from KVK, Namakkal on cost basis @ Rs. 250 / kg.

Karaikal

Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Cotton	Vegetative and flowering stage	Cloudy weather with rain may increase the shedding of buds and squares in cotton. To prevent early shedding of buds and squares in cotton spray 40 ppm NAA (40 mg of Naphthalene Acetic Acid in one litre of water) at 60 and 90 DAS on the crops.
		Nipping may be done at 15th node for variety and 20th node for hybrid cotton to induce sympodial branches development.
Coconut	Spiraling whitefly	Weather is favourable for spiraling whitefly in coconut. Hence, if the whitefly incidence is seen, 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: Nipping in cotton may be done to increase number of bolls.

Puducherry

Weather based Agro-Advisories:

Crop	Stage/ Particulars	Agro Advisory
COCONUT	Vegetative stage	Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. Encourage buildup of parasitoids (<i>Encarsia</i> sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent
Coconut	Vegetative stage	Due to current weather condition, button shedding occurred in coconut trees. This resulted in chances of yield loss. Hence, farmers are advised to apply farm waster (or) crop residue around the coconut tree and irrigate around the tree. Also, give root feeding of coconut tonic (200 ml / tree) 3 months interval to avoid button shedding in coconut.
Brinjal	Reproductive Stage	To manage Brinjal shoot borer, apply neem cake 200 kg/ha or spray Emamectin Benzoate 4% SG@ 0.4g/l.
Vegetables	Vegetative stage	Since temperature starts increasing, sucking pest like aphids, Thrips, Leaf Minor and Jassids may increases in Vegetable crops. If needed spray 5% Neem Seed Kernal Extract.
GOAT		Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ectoparasites in sheep and goats
General Advice		To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

SMS:

Light to very Moderate rainfall will be expected in the forthcoming days so, don't spray any chemicals to crop and better to spray chemicals at the time of no rain

Puducherry Block level

Ariankuppam, Ozhukarai, Villianur, Bahour, Mannadipet and Nettapakkam Blocks

Light to moderate rain is likely to occur one or two places from 17.05.2023 to 21.05.2023.

Light to very Moderate rainfall will be expected in the forthcoming days so, don't spray any chemicals to crop and better to spray chemicals at the time of no rain.

Horticulture(Varieties)	Horticulture Specific Advisory
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COCONUT	Vegetative stage 1. Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (<i>Encarsia</i> sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent
COCONUT	Vegetative stage Due to current weather condition, button shedding occurred in coconut trees. This resulted in chances of yield loss. Hence, farmers are advised to apply farm waster (or) crop residue around the coconut tree and irrigate around the tree. Also, give root feeding of coconut tonic (200 ml / tree)3 months interval to avoid button shedding in coconut.
BRINJAL	Reproductive Stage • To manage Brinjal shoot borer, apply neem cake 200kg/ha or spray Emamectin Benzoate 4% SG@ 0.4g/l.
BRINJAL	Vegetative stage Since temperature starts increasing, sucking pest like aphids, Thrips, Leaf Minor and Jassids may increases in Vegetable crops. If neededspray 5% Neem Seed Kernal Extract.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ectoparasites in sheep and goats
Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

