



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 041/2023

For the period 0830 IST, 23th May 2023 to

0830 IST, 28th MAY 2023

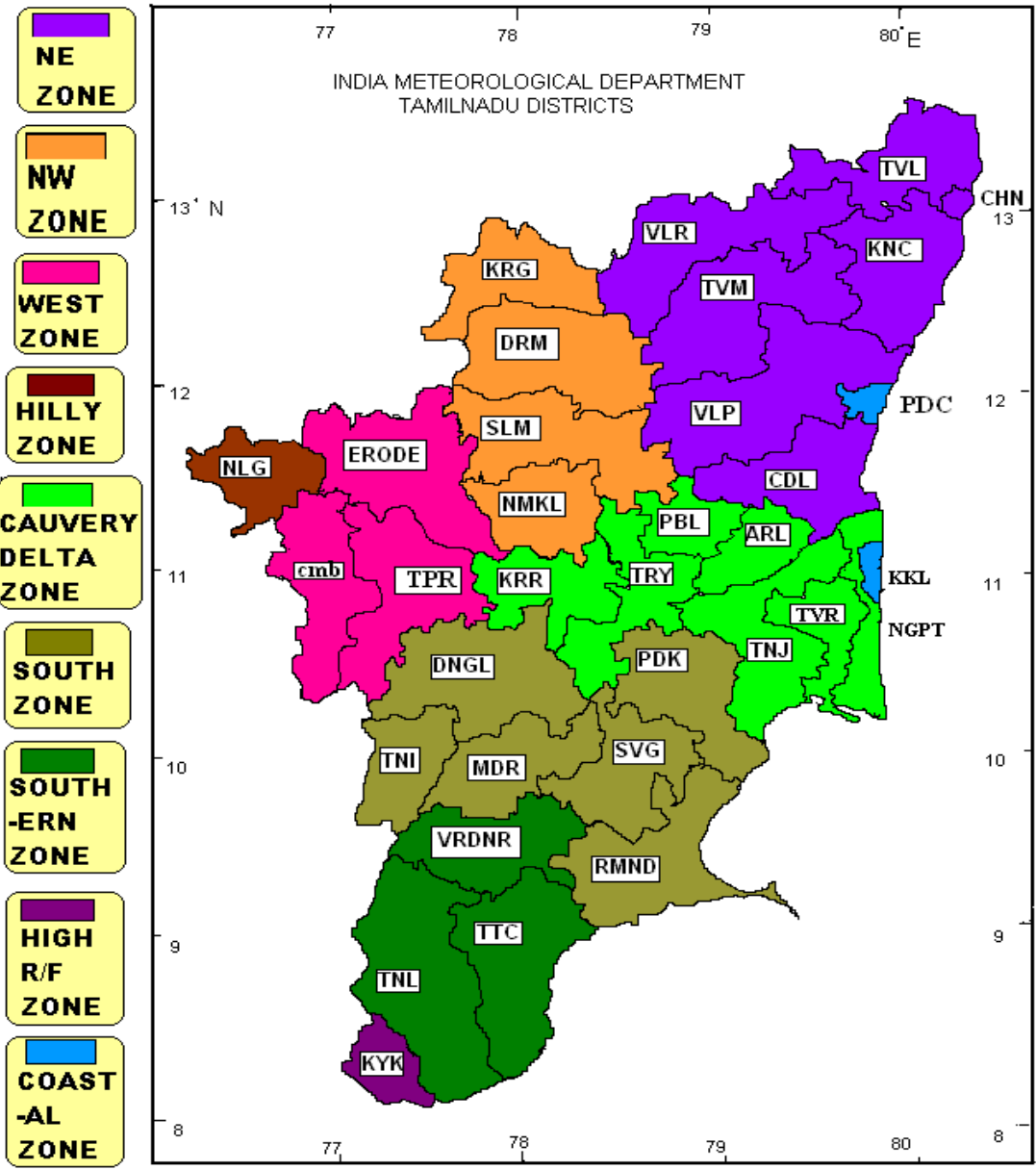
Issued on Tuesday, 23th May 2023

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 19.05.23 to 22.05.23 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 33°C – 42°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 21°C – 23°C during the period.

Minimum temperature of range 22°C - 29°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 10°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)	--	--
Isolated (One or Two Places)	19.05.23, 20.05.23, 21.05.23 & 22.05.23	Tamil Nadu
Dry	19.05.23, 20.05.23, 21.05.23 & 22.05.23	Puducherry

Chief Amounts of Rainfall (in cms):-

19.05.23 : Nagercoil (dist Kanyakumari), Pollachi (dist Coimbatore), Mylaudy (dist Kanyakumari), PWD Vaarappatti (dist Coimbatore) 3 each, Gudalur Bazar (dist Nilgiris), Anaimaduvu Dam (dist Salem), Upper Gudalur (dist Nilgiris), Kariyakovil Dam (dist Salem), Uppar Dam (dist Tiruppur), Danishpet (dist Salem), Bodinaickanur (dist Theni), Thirparappu (dist Kanyakumari), Denkanikottai (dist Krishnagiri), Amaravathy Dam (dist Tiruppur) 2 each, Kurunthancode (dist Kanyakumari), Jamunamarathur (dist Tiruvannamalai), Kodanad (dist Nilgiris), Uthukottai (dist Tiruvallur), Udumalpet (dist Tiruppur), Shanthi Vijaya School (dist Nilgiris), Barwood (dist Nilgiris), Tiruppur South (dist Tiruppur), Wood Braiyar Estate (dist Nilgiris), Periyakulam (dist Theni), Uthukuli (dist Tiruppur), Thandampettai (dist Tiruvannamalai), Periyakulam AWS (dist Theni), Rasipuram (dist Namakkal), Anaippalayam (dist Karur), Chetpet (dist Tiruvannamalai), R.K.pet (dist Tiruvallur), Nilakottai (dist Dindigul), Andipatti (dist Theni), Yercaud (dist Salem), Collectorate, Namakkal (dist Namakkal), Harisan Malayalam Ltd. (dist Nilgiris) 1 each.

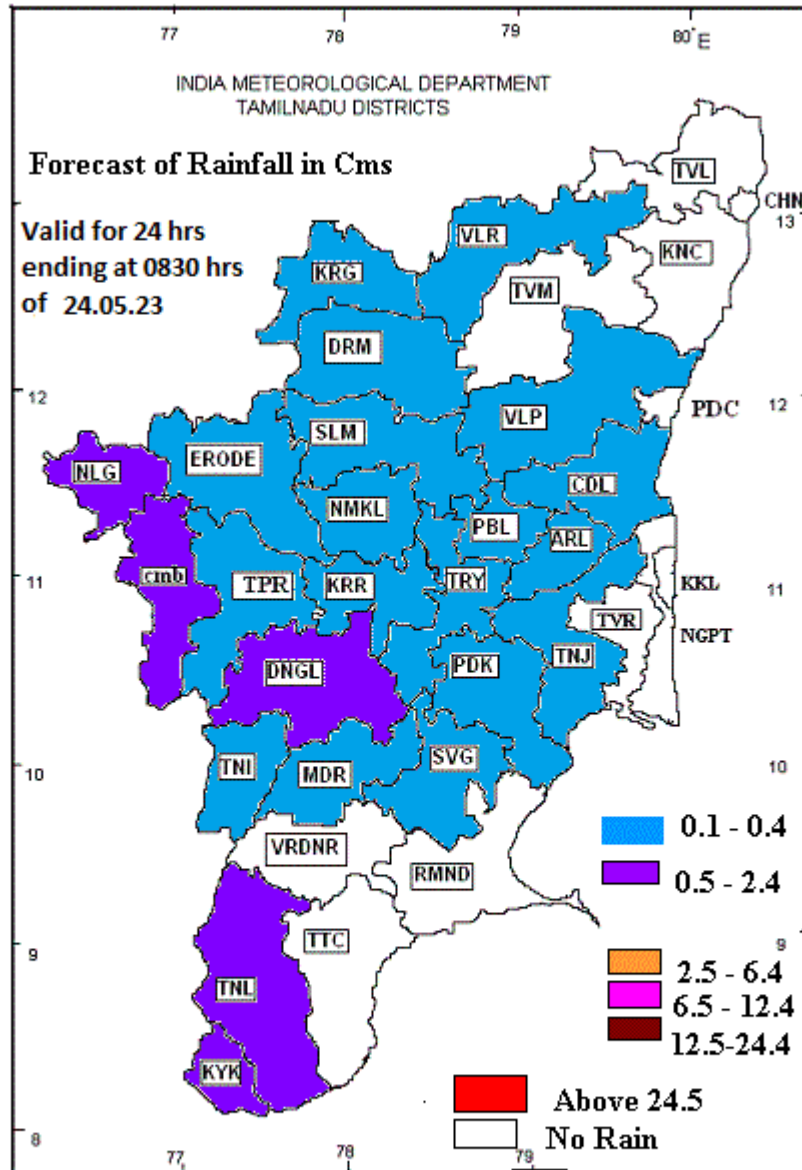
20.05.23 : : Kakkachi (dist Tirunelveli) 6, Nalumukku (dist Tirunelveli) 5, Elumalai (dist Madurai), Manimutharu (dist Tirunelveli), Coonoor PTO (dist Nilgiris), Kundah Bridge (dist Nilgiris) 3 each, Pwd (dist Tiruppur), Pilavakkal (dist Virudhunagar), Oothu (dist Tirunelveli), Kamatchipuram (dist Dindigul), Odanchatram (dist Dindigul) 2 each, Sivalogam (dist Kanyakumari), Denkanikottai (dist Krishnagiri),

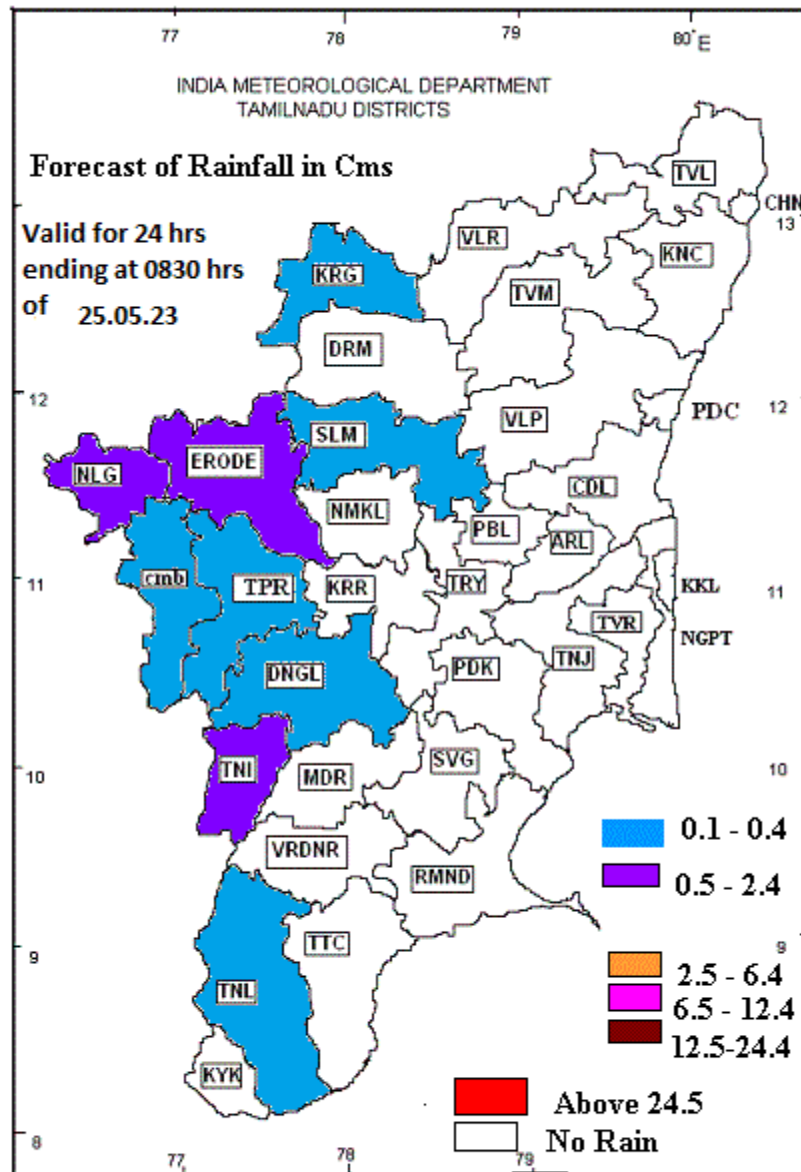
Avinasi (dist Tiruppur), Anaipalayam (dist Karur), Pechiparai (dist Kanyakumari), Manjolai (dist Tirunelveli), Kannadaian Anicut (dist Tirunelveli), Denkanikottai ARG (dist Krishnagiri) 1 each. : Kakkachi (dist Tirunelveli) 6, Nalumukku (dist Tirunelveli) 5, Elumalai (dist Madurai), Manimutharu (dist Tirunelveli), Coonoor PTO (dist Nilgiris), Kundah Bridge (dist Nilgiris) 3 each, Pwd (dist Tiruppur), Pilavakkal (dist Virudhunagar), Oothu (dist Tirunelveli), Kamatchipuram (dist Dindigul), Odanchatram (dist Dindigul) 2 each, Sivalogam (dist Kanyakumari), Denkanikottai (dist Krishnagiri), Avinasi (dist Tiruppur), Anaipalayam (dist Karur), Pechiparai (dist Kanyakumari), Manjolai (dist Tirunelveli), Kannadaian Anicut (dist Tirunelveli), Denkanikottai ARG (dist Krishnagiri) 1 each.

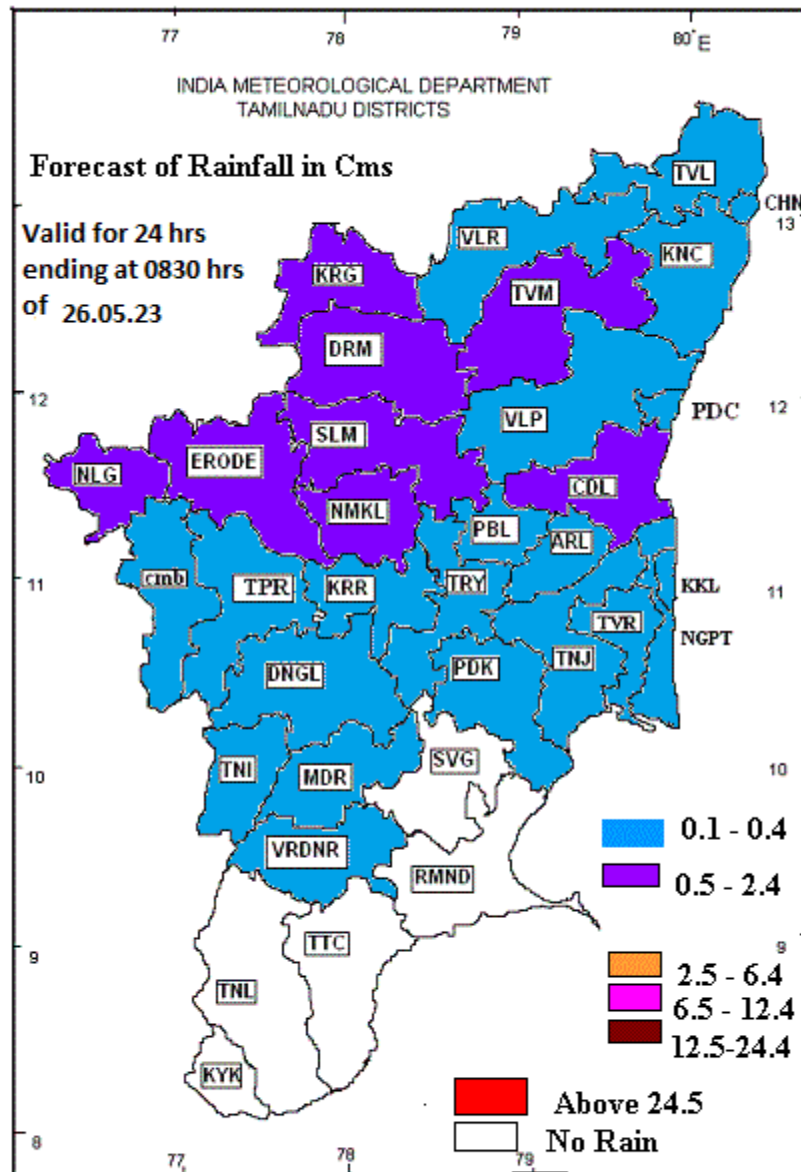
21.05.23 : Periyakulam (dist Theni) 7, Pennagaram (dist Dharmapuri), Tirur KVK AWS (dist Tiruvallur) 4 each, Marandahalli (dist Dharmapuri) 3, Ilayangudi (dist Sivaganga), Kamatchipuram (dist Dindigul) 2 each, Namakkal Collectorate (dist Namakkal), Denkanikottai (dist Krishnagiri), Rayakottah (dist Krishnagiri), Oddanchatram (dist Dindigul), Dharmapuri PTO (dist Dharmapuri), Sivalogam (dist Kanyakumari), Sholayar (dist Coimbatore), Sriperumbudur (dist Kancheepuram), Uthagamandalam DRMS (dist Nilgiris), Vaigai Dam (dist Theni), Glenmorgan (dist Nilgiris), Kakkachi (dist Tirunelveli) 1 each.

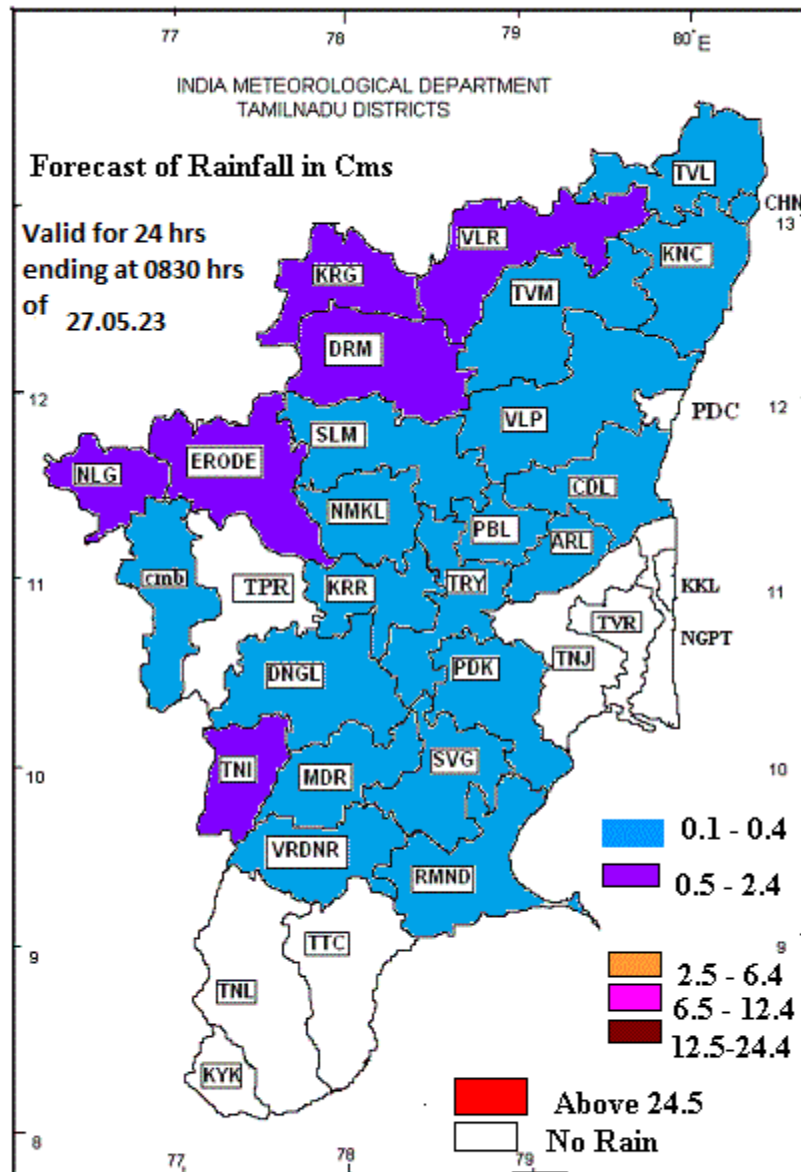
22.05.23 : Madathukulam (dist Tiruppur) 5, Tiruvallur (dist Tiruvallur), Dharmapuri PTO (dist Dharmapuri), Thuraiyur (dist Trichy), Chennimalai (dist Erode) 3 each, Anaimalai Taluk Office (dist Coimbatore), Palladam (dist Tiruppur), Uthiramerur (dist Kancheepuram), Tiruppur (dist Tiruppur), Dharmapuri (dist Dharmapuri), Mohanur (dist Namakkal), Poondi (dist Tiruvallur), Varattupallam (dist Erode), Perundurai (dist Erode), Manamadurai (dist Sivaganga), District Collector Office Tiruppur (dist Tiruppur) 2 each, Adayamadai (dist Kanyakumari), Anaipalayam (dist Karur), Amaravathy Dam (dist Tiruppur), Aranmanaipudur (dist Theni), Ketti (dist Nilgiris), Harisan Malayalam Ltd. (dist Nilgiris), Periyar (dist Theni), Kangeyam (dist Tiruppur), Karur Paramathi (dist Karur), Thali (dist Krishnagiri), Wood Braiyar Estate (dist Nilgiris), Sendamangalam (dist Namakkal), Wallajah (dist Ranipet), Uthagamandalam (dist Nilgiris), PWD Travellers Bungalow (dist Sivaganga), Valparai PAP (dist Coimbatore), Pollachi (dist Coimbatore), Glenmorgan (dist Nilgiris), Kodumudi (dist Erode), Kunderipallam (dist Erode), Cheyyar (dist Tiruvannamalai), Thirumoorthi Dam (dist Tiruppur), Valparai Taluk Office (dist Coimbatore) 1 each.

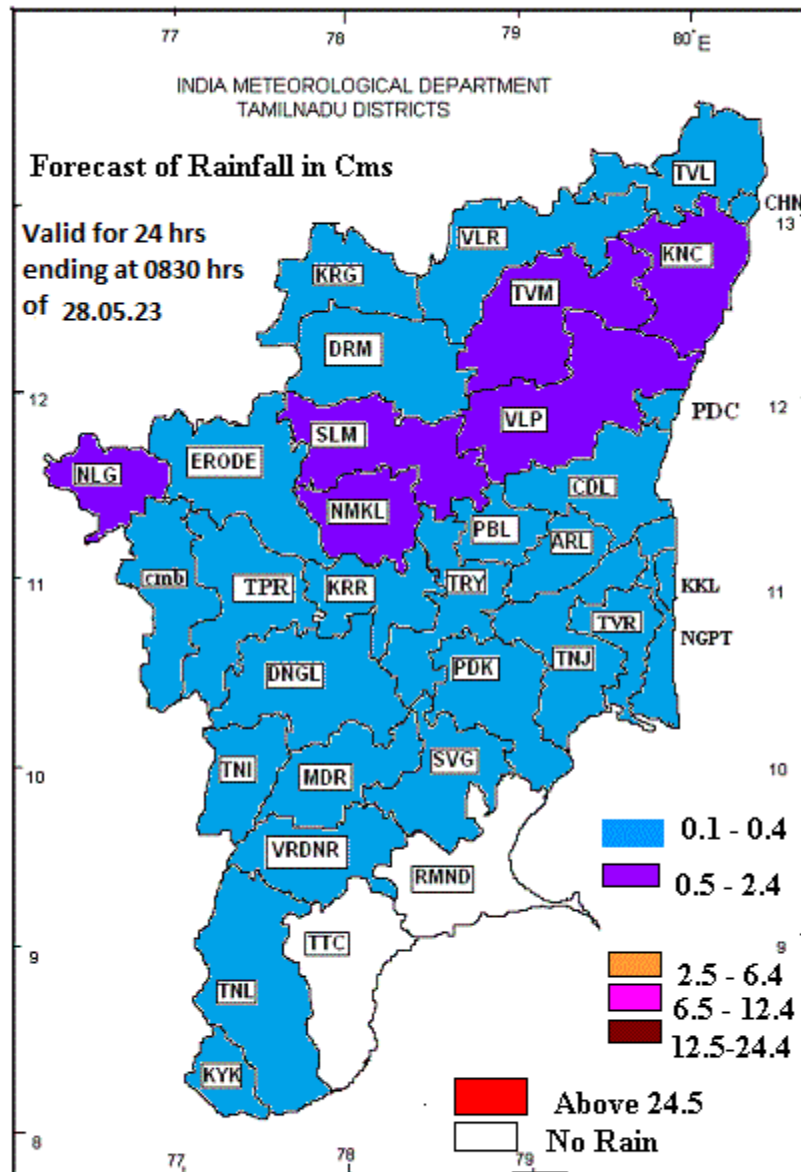
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 23.05.23
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

Chennai

SMS Advisory:

(24.05.2023-28.05.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory

- 1). Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures
- 2). Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken
- 3) The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.
- 4). To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once.
- 5). Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the boy on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

Kancheepuram

SMS Advisory:

(24.05.2023-28.05.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory

- 1). Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures
- 2). Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken
- 3) The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.
- 4). To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once.
- 5). Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the boy on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

Agricultural advisory

Rice:

Farmers are advised to create proper drainage facility to drain the excess stagnating water in the fields.

Sugarcane:

Farmers are advised to detrash the sugar cane and advised to go for double line propping with trash twist.

Villupuram

SMS Advisory:

(24.05.2023-28.05.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory

- 1). Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures
- 2). Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken
- 3) The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.
- 4). To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once.
- 5). Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the boy on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

Agricultural 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. Suitable for Sornavari season (Apr-May) paddy varieties: ADT-36,37,43,45, 56 and CO-51, CO- 57, TPS-5, TRY-5 and ASD-21.

Groundnut:

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

Suitable for Vaikasi pattam (May-June) groundnut varieties: VRI-10, TMV-10,14 and TMVG- 13.

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.

Tiruvannamalai

SMS Advisory:

(24.05.2023-28.05.2023) Light to moderate rain is likely to occur at one or two places over Tamilnadu.

Livestock Advisory

- 1). Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures
- 2). Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia, hence precautionary measures should be taken
- 3) The drainage system in cattle shed must be open and blockage free with access to easy cleaning to prevent fly breeding.
- 4). To prevent E.coli infection in nursery piggery shed the floor must be washed with luke warm saline / good irritant free disinfectant atleast weekly once.

5). Native poultry reared under integrated method incase infested with lice, must be given medicated bath. A sponge dipped in one ml of butox mixed in one litre of water could be rubbed all over the boy on a bright sunny day. Care must be exercised to avoid eyes ear lobe and mouth.

Agricultural 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. Suitable for Sornavari season (Apr-May) paddy varieties: ADT-36,37,43,45, 56 and CO-51, CO- 57, TPS-5, TRY-5 and ASD-21.

Groundnut:

Treat the groundnut seeds with Trichoderma @ 4g/kg just before sowing. Suitable for Vaikasi pattam (May-June) groundnut varieties: VRI-10, TMV-10,14 and TMVG- 13.

Coconut:

In new coconut plantings the hybrids Dwarf x Tall or Tall x 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.

Tiruvallur

From extended range forecast normal rainfall, minimum temperature and maximum temperature expected for the period of 28.05.2023 to 03.06.2023 over Tamil Nadu.

Light rainfall may be expected from May 26th to May 28th and considering the prevailing high temperature, it would be prudent to consider irrigation for the crops to mitigate the potential impact

Crop(Varieties)	Crop Specific Advisory
RICE	1. Based on the expected rainfall, it is advisable to sow short duration rice in the nursery. 2.Before sowing, it is recommended to treat the seeds with either carbendazim at a rate of 2 g/kg of seeds or Pseudomonas at a rate of 10 g/kg of seeds. 3. Since only light rainfall is expected, it is recommended to complete the spraying and fertilizer application operations during non-rainy hours in rice field. This will ensure that the operations are carried out effectively without being affected by the rain; 4. Due to prevailing weather condition chances of thrips occurrence in paddy field, to manage spray thiamethoxam 25% WG 100 g/ha.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	To reduce heat stress in animals due to increasing temperatures, it is advised to cover the roof of the animal shed with coconut leaves or paddy straws or spray cold water.

	This measure helps in providing shade and cooling effects, thus mitigating the impact of high temperatures on the animals.
Poultry(Varieties)	Poultry Specific Advisory
BIRD	To reduce heat stress in animals due to increasing temperatures, it is advised to cover the roof of the animal shed with coconut leaves or paddy straws or spray cold water. This measure helps in providing shade and cooling effects, thus mitigating the impact of high temperatures on the animals.

Vellore

General Advisory: As per the IMD extended range forecast (ERF), normal rainfall and temperature is likely over Tamil Nadu and Puducherry during 28th to 3rd May 2023. Summer ploughing may be completed and to control the root borne diseases, root worms, pests and weeds in dry land agriculture farming system.

SMS Advisory: Very light to moderate rainfall 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 Carbenidazim 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. Suitable for Sornavari season (Apr-May) paddy varieties: ADT-36,37,43,45, 56 and CO-51, CO-57, TPS-5, TRY-5 and ASD-21.
GROUNDNUT	Treat the groundnut seeds with Trichoderma @ 4g/kg just before sowing. Suitable for Vaikasi pattam (May-June) groundnut varieties: VRI-10, TMV-10,14 and TMVG-13.
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	Give concentrate feed @ 1.0 kg per 2.5 litre of milk production. Also give 3.0 kg tree fodder, 1 kg of Azolla and 30 kg green fodder per day for sustainable milk production and milk fat production.
GOAT	After weaning , give 200 gram of grains and concentrate for a day for 20 days. Then breed them. This induces double oocytes and favor's twinning in goat and sheep.

Poultry(Varieties)	Poultry Specific Advisory
HEN	Keep RDVK vaccine in cooling and give 0.5 ml per chicks of age above 21 days and other adult birds through subcutaneous route at neck area. It prevents death due to Ranikhet disease green / white diarrhea.
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.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected with wind speed of 6 - 12 km/hr in Western zone during next five days. 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	Farmers with irrigation facility may sow the short duration rice nursery for Kuruvai season.
Sesamum	Post harvest	Considering the anticipated weather, thrash the harvested sesame and dry it between 10.00AM and 4.00 PM.
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	Light rain fall with 10 km wind speed may cause lodging in banana. Providing support to five months and above old banana.

Grapes		Considering the prevailing weather, pruning may be done in Grapes at 2 buds level for Thompson variety and 4 buds level for other varieties.
Turmeric	Planting	By utilizing the rainfall, planting of turmeric may be done with drainage facilities. Based on soil moisture provide irrigation.

Animal		<p>Along with rainfall lightening and thunders may occur, protect the animal by tying in the cattle shed.</p> <p>Do not allow the animals to graze on newly grown grasses, due to the receipt of last week rain.</p>
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SMS advisory

Light rain fall with 12 km wind speed may cause lodging in banana. Providing support to five months and above old banana.

Erode

Agro Advisory

Crop	Stage	Advisory
General		<p>Light to moderate rainfall is expected with wind speed of 6 - 10 km/hr in Western zone during next five days.</p> <p>Since light rainfall alone expected, complete the spraying and fertilizer application operations during non rainy hours.</p> <p>Based on the soil moisture content, irrigation may be given to the irrigated crops to mitigate the impact from prevailing high temperature.</p>
Rice	Nursery	Farmers with irrigation facility may sow the short duration rice nursery for Kuruvai season.
Sesamum	Post harvest	Considering the anticipated weather, thrash the harvested sesame and dry it between 10.00AM and 4.00 PM.
Sugarcane		Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Cotton		Prevailing high temperatures is favorable for sucking pest in cotton crop and therefore watch for incidence and spray Imidacloprid @ 2ml/liter of water.
Banana	Above 5 months old	Light rain fall with 10 km wind speed may cause lodging in banana. Providing support to five months and above old banana.
Turmeric	Planting	By utilizing the rainfall, planting of turmeric may be done with drainage facilities. Based on soil moisture provide irrigation.
Animal		<p>Along with rainfall lightening and thunders may occur, protect the animal by tying in the cattle shed.</p> <p>Do not allow the animals to graze on newly grown grasses, due to the receipt of last week rain.</p>

SMS advisory

Light rain fall with 10 km wind speed may cause lodging in banana. Providing support to five months and above old banana.

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. 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.
Sesamum	Post harvest	Considering the anticipated weather, thrash the harvested sesame and dry it between 10.00AM and 4.00 PM.
Sugarcane		Since rainfall with squally wind is expected, dethrash and propping in five months old sugarcane crop is recommended against the lodging.
Cotton		Prevailing high temperatures is favorable for sucking pest in cotton crop and therefore watch for incidence and spray Imidacloprid @ 2ml/liter of water.
Banana	Above 5 months old	Light rain fall with 10 km wind speed may cause lodging in banana. Providing support to five months and above old banana.
Animal		Along with rainfall lightening and thunders may occur, protect the animal by tying in the cattle shed. Do not allow the animals to graze on newly grown grasses, due to the receipt of last week rain.

SMS advisory

Light rain fall with 10 km wind speed may cause lodging in banana. Providing support to five months and above old banana.

Nilgiris

General Advisory: Application of neem cake @ 1 ton/ha at planting. Biofumigation of mustard plants followed by application of neem cake @ 250kg/ha along with *Purpureocillium lilacinum* @ 5kg/ha or application of *P. lilacinum* as seed treatment @ 20g/kg of seed followed by soil application @ 2.5kg/ha along with FYM @ 2.5 t/ha.

SMS Advisory: To manage Late blight in potato crop, foliar spray of mancozeb @ 2 g/l or chlorothalonil @ 2 g/l on 45, 60 and 75 days after planting is recommended

Horticulture Specific Advisory	
Horticulture(Varieties)	
TEA	To manage Red spider mite, Pinkmite, scarlet mite in tea crop, foliar application of Azadirachtin 1.0% EC (neem based) 2.0 ml/lit or propargite 57 % EC 2.0 ml/lit is recommended.

Nilgiris Block level

Coonoor, Gudalur, Kotagiri and Ooty Blocks

General Advisory: Application of neem cake @ 1 ton/ha at planting. Biofumigation of mustard plants followed by application of neem cake @ 250kg/ha along with *Purpureocillium lilacinum* @ 5kg/ha or application of *P. lilacinum* as seed treatment @ 20g/kg of seed followed by soil application @ 2.5kg/ha along with FYM @ 2.5 t/ha.

SMS Advisory: To manage Late blight in potato crop, foliar spray of mancozeb @ 2 g/l or chlorothalonil @ 2 g/l on 45, 60 and 75 days after planting is recommended

	Horticulture Specific Advisory
Horticulture(Varieties)	
TEA	To manage Red spider mite, Pinkmite, scarlet mite in tea crop, foliar application of Azadirachtin 1.0% EC (neem based) 2.0 ml/lit or propargite 57 % EC 2.0 ml/lit is recommended.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

Agro Advisory

Crop	Stage	Advisory
General		Considering the dry climate, irrigate the crop abundantly.
Rice	Nursery	Rice varieties ADT 36, ADT 43, ADT 45 and ADT 47 are suitable for kuruvaai season.
Rice	Nursery	The seeds should be treated with carbendazim (2 g/kg of seeds) or <i>Pseudomonas</i> (10g/kg of seeds) before sowing.
Rice	Nursery	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
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 <i>Encarsia</i> parasitic. Also keep yellow stick trap.
		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.

Cattle	Cow	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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SMS advisory

Considering the dry climate, irrigate the crop abundantly.

Tiruchirapalli

Tamilnadu's average rainfall is likely to be increase than the normal during this week (24.05.2023 to 30.05.2023) From 1.57 mm to 1.73 mm.

Groundnut- Aphids- Spray dimethoate 30% EC 200 ml per acre in 200 litres of water.

Crop(Varieties)	Crop Specific Advisory
RICE	To control mealy bug in paddy, Spray methyl demeton 25% EC 1000 ml/ha.
COTTON	Due to prevailing weather the leaf blight incidence may occur in cotton. To control leaf blight in cotton, Spray mancozeb 2 kg/ha immediately after the symptom appearance and 2-3 times once in 15 days.
MAIZE	Due to prevailing weather the downy mildew incidence may occur in maize. To control downy mildew, Spray mancozeb 1 kg/ha at 20 days after sowing.
GROUNDNUT	Groundnut- Aphids- Spray dimethoate 30% EC 200 ml per acre in 200 litres of water.
SUNFLOWER	Cut the capitula (flower heads) only. Thresh and clean. Immediately after harvest, dry the heads in the sun for 3 days. Spread the heads in thin layer and give turning once in 3 hours. NOTE: Do not heap or store the heads before drying properly as mould fungi will develop and spoil the grain quality. Thresh using a mechanical thresher, or beat with a stick and separate the grains, Winnow and clean the seeds, Dry the seeds again in the sun for another two days & Store in gunny bags.
Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	Due to prevailing weather the white fly incidence may occur in Tomato. To control install yellow sticky traps @12/ha.
BRINJAL	Before cultivating the brinjal in may month, treat the brinjal seeds with trichoderma viride at 4 g/kg. It will protect your crop from fungal diseases.
BANANA	Due to prevailing weather the cigar end rot incidence may occur in banana. To control spray mancozeb 75% WP @ 1.5-2.0 kg/ha.
CHILLI	Due to prevailing weather the Thrips incidence may occur in Chillies. To control, Spray Imidacloprid 17.8 SL 3 ml/10 litre.
COCONUT	To control & decreases the button shedding in coconut, Give root feeding of the coconut tonic @ 200 ml/palm at 6 months interval.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Due to rain fall event cattle shed and cow penning areas probably in moist condition. So kindly keep the cattle shed in dry condition and use disinfectant like lime.
Others (Soil / Land)	Others (Soil / Land Preparation) Specific Advisory

Preparation)(Varieties)	
GENERAL ADVICE	Plough the land immediately after harvesting the crop which helps to manage weed growths, save summer rainfall.

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 increase than the normal during this week (24.05.2023 to 30.05.2023) From 1.57 mm to 1.73 mm.

Groundnut- Aphids- Spray dimethaoate 30% EC 200 ml per acre in 200 litres of water.

Crop(Varieties)	Crop Specific Advisory
RICE	To control mealy bug in paddy, Spray methyl demeton 25% EC 1000 ml/ha.
COTTON	Due to prevailing weather the leaf blight incidence may occur in cotton. To control leaf blight in cotton, Spray mancozeb 2 kg/ha immediately after the symptom appearance and 2-3 times once in 15 days.
MAIZE	Due to prevailing weather the downy mildew incidence may occur in maize. To control downy mildew, Spray mancozeb 1 kg/ha at 20 days after sowing.
GROUNDNUT	Groundnut- Aphids- Spray dimethaoate 30% EC 200 ml per acre in 200 litres of water.
Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	Due to prevailing weather the white fly incidence may occur in Tomato. To control install yellow sticky traps @12/ha.
BRINJAL	Before cultivating the brinjal in may month, treat the brinjal seeds with trichoderma viride at 4 g/kg. It will protect your crop from fungal diseases.
BANANA	Due to prevailing weather the cigar end rot incidence may occur in banana. To control spray mancozeb 75% WP @ 1.5-2.0 kg/ha.
COCONUT	To control & decreases the button shedding in coconut, Give root feeding of the coconut tonic @ 200 ml/palm at 6 months interval.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Due to rain fall event cattle shed and cow penning areas probably in moist condition. So kindly keep the cattle shed in dry condition and use disinfectant like lime.
Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Plough the land immediately after harvesting the crop which helps to manage weed growths, save summer rainfall.

Dindigul

Extended range Forecast for next week (26th May– 01st June 2023): Rainfall: As per extended range predictions, there is possibility of generally near normal rainfall likely over the district during 26th May to 01st June 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 36°C over the plains of the district during next week. 26th May to 01st June 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 26th May to 01st June 2023.

Chances of light rain during 24, 25, 26, 27 & 28 May. Max temp- 36°C-38°C & Min temp -24°C- 26°C. Generally cloudy sky will appear for the next four days. Wind speed 6-10 kmph from SW& W directions.

Crop(Varieties)	Crop Specific Advisory
CITRUS	Fruit crop cultivating farmers are advised to utilize the current weather for planting Citrus. The crop can be cultivated in both Tropical and subtropical climates. It can be grown up to 1000 m above MSL. Deep well-drained loamy soils are best suited for cultivation. The planting can be done from June to September. Healthy seedlings can be planted at 5 to 6-metre spacing in 75cm x 75cm x 75cm pits. Irrigate copiously after planting. Water stagnation should be avoided.
SORGHUM (JOWAR/GREAT MILLET)	Farmers cultivating rain-fed sorghum crop can plan for sowing during the onset of the southwest monsoon. Average and well-distributed rainfall of 250-300 mm is optimum for rain-fed sorghum. The seed requirement is 15 kg/ha., Seed hardening ensures high germination. The seeds can be sown after being pre-soaked in 20gms of potassium di- hydrogen phosphate solution for 6 hours and then dried back to their original moisture content in the shade.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Good care for pregnant animals and management practices will give good calves and also high milk yield during successive lactation. An extra concentrate mix of 1¼ to 1¾ kg should be provided for a pregnant animal as a pregnancy allowance. Feed good quality leguminous fodder. The animal should not be, either lean or fat condition. Provide clean drinking water to protect from thermal stress. Avoid slippery floors in cowsheds. Feed 1 kg extra concentrate during the last 8 weeks of gestation. Also, give calcium supplements to the pregnant cow.
GOAT	Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 24 & 28 May 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock.

Madurai

Extended range Forecast for next week (26th May– 01st June 2023): Rainfall: As per extended range predictions, there is possibility of generally near normal rainfall likely over the district during 26th May to 01st June 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 36°C over the plains of the district during next week. 26th May to 01st June 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 26th May to 01st June 2023.

Chances of light rain during 24, 26, 27 & 28 May. Max temp- 36°C-38°C & Min temp -24°C- 26°C. Generally cloudy sky will appear for the next four days. Wind speed 6-8 kmph from SW, NW & W directions.

Crop(Varieties)	Crop Specific Advisory
RICE	The incidence of Green leafhoppers noticed in Paddy fields. It affects the leaves from tip to downwards and becomes yellow in colour, retarded vigorous and stunted growth, and drying up of the plant due to sucking up of the leaf are the other symptoms. It can be controlled by spraying the solution of Pungam oil @ 60ml + Iluppai oil @ 60ml + Neem oil @ 60ml + Sticky agent @ 10ml (Khadi soap @ 10gms) with 10 litres of water and mixing well and spraying 2 times at 12 days interval. Also, fix light traps in the field to attract & destroy the insects.
CROSSANDRA	The incidence of nematode was noticed in Crossandra floral crop. The symptoms are stunted patches 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 Paecilomyces Lilacinus W.P@ 2kg/acre, apply FYM @ 12.5 Tonne /ha, and apply neem cake @ 500 kg/ha. Using the chemical method, mix Cartap Hydrochloride granules @ 7Kg per acre, with farmyard manure and apply.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Good care for pregnant animals and management practices will give good calves and also high milk yield during successive lactation. An extra concentrate mix of 1¼ to 1¾ kg should be provided for a pregnant animal as a pregnancy allowance. Feed good quality leguminous fodder. The animal should not be, either lean or fat condition. Provide clean drinking water to protect from thermal stress. Avoid slippery floors in cowsheds. Feed 1 kg extra concentrate during the last 8 weeks of gestation. Also, give calcium supplements to the pregnant cow.
GOAT	Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 24 & 28 May 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock.

Pudukottai

Since light to moderate rainfall expected in the coming days, ploughing can be done to control weeds and larva of insects.

This is the best time for sowing of Kuruvai rice nursery and hence farmers with adequate water facility can take up this sowing.

Crop(Varieties)	Crop Specific Advisory
COTTON	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.
BLACKGRAM	Install yellow stick trap @ 10 numbers per acre in black gram field to monitor the whitefly incidence. To manage this vector (white fly) of yellow mosaic disease spray 5 % Neem seed Kernel extract or thiamethoxam 25 WG – 50g/ac using hand operated sprayer.
RICE	Moderate to heavy rainfall is expected and hence maintain thin film of water to avoid seed displacement in nursery and seedling displacement in recently planted main field. Moderate to heavy rainfall is expected, postpone main field preparation and transplanting of rice seedlings. By utilizing received rainfall for rice is grown during next season, green manure crops like Daincha or sun hemp may be grown and in situ ploughed @ 45 days after sowing.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Farmers are advised to provide salt lick to sheep and goat at their sheds to avoid dehydration loss and improve production in animals. Deworm and detick sheep and goats to avoid infection during this season.
Poultry(Varieties)	Poultry Specific Advisory
BIRD	High temperature is expected, poultry farmers are requested to reduce the temperature by hanging wetted gunny bags or sprinkling the water over the sheds. Due to high temperature and low relative humidity, provide frequent and sufficient quantity of good quality water to animals and poultry.

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 28 to June 03 over Tamil Nadu.

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to the prevailing weather condition incidence of aphid is expected in cotton. The damage symptoms are curling, crinkling of leaves and stunted growth and leads to further development of black sooty mould due to the excretion of honey dew and giving the plant become dark appearance and blighted appearance. Infestation is severe in cotton field, spray Imidacloprid 17.8% SL @ 50 ml/ac.

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Due to the prevailing weather condition incidence of rugose whitefly is expected in coconut. The damage symptoms are presence of heavy white waxy material and sticky honeydew on the under surface of leaves and become black sooty mold formation on the coconut leaves. If symptoms are observed in coconut tree. Spraying of water forcibly on the under surface of the palm by forcible sprayers. Setting up of yellow sticky traps smeared with castor oil @ 10 Nos. /acre. Spraying with boiled maida flour paste @ 25g/liter of water. Spraying of @ 5 ml of neem oil in one liter of water along with 1 ml of sandovit as sticking agent.
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

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Chances of light rain during 24, 27 & 28 May. Max temp- 36°C-38°C & Min temp -24°C- 26°C. Generally cloudy sky will appear for the next four days. Wind speed 6-10 kmph from SW direction.

Crop(Varieties)	Crop Specific Advisory
SUGARCANE	Nutrient deficiency like iron deficiency is noticed in sugarcane crop, to rectify this iron deficiency, farmers are advised to foliar spray Ferrous Sulphate @ 250 gm dissolved in 100 litres of water or Soil application of 25 kg of Ferrous Sulphate.
Horticulture (Varieties)	Horticulture Specific Advisory
TOMATO	To get an increase in yield in Tomatoes, top dressing of Urea @ 325kg per hectare and MOP @ 250 kg per hectare in three equal splits on the 30th, 45th, and 60th days after planting, is recommended.
Live Stock(Varieties)	Live Stock Specific Advisory

es)	
COW	Good care for pregnant animals and management practices will give good calves and also high milk yield during successive lactation. An extra concentrate mix of 1¼ to 1¾ kg should be provided for a pregnant animal as a pregnancy allowance. Feed good quality leguminous fodder. The animal should not be, either lean or fat condition. Provide clean drinking water to protect from thermal stress. Avoid slippery floors in cowsheds. Feed 1 kg extra concentrate during the last 8 weeks of gestation. Also, give calcium supplements to the pregnant cow.
GOAT	Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 24 & 28 May 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock.

Theni

Extended range Forecast for next week (26th May– 01st June 2023): Rainfall: As per extended range predictions, there is possibility of generally near normal rainfall likely over the district during 26th May to 01st June 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 36°C over the plains of the district during next week. 26th May to 01st June 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 26th May to 01st June 2023.

Chances of light rain during 24, 25, 26, 27 & 28 May. Max temp- 36°C-38°C & Min temp -24°C- 26°C. Generally cloudy sky will appear for the next four days. Wind speed 6-8 kmph from NW, SW & W directions.

Crop(Varieties)	Crop Specific Advisory
JASMINE	Jasmine cultivating farmers are advised to apply manure and fertilizers in Jasmine fields. NPK @ 60:120:120 gm and 470g of IFCO complex, 30gm of Urea/plant/year can be applied along with 10 kg FYM per plant.
Horticulture (Varieties)	Horticulture Specific Advisory
GRAPES	The incense of Bird's Eye Spot (Anthracnos) disease may be expected in Grapes. The disease appears first as dark red spots on the berry. Later, the fungus also attacks shoots, tendrils, petioles, leaf veins, and fruit stems. To manage the disease, remove the infected twigs from veins and spray 20gm of Copper oxychloride per 10 litres of water.
Live Stock(Varieties)	Live Stock Specific Advisory

COW	Good care for pregnant animals and management practices will give good calves and also high milk yield during successive lactation. An extra concentrate mix of 1¼ to 1¾ kg should be provided for a pregnant animal as a pregnancy allowance. Feed good quality leguminous fodder. The animal should not be, either lean or fat condition. Provide clean drinking water to protect from thermal stress. Avoid slippery floors in cowsheds. Feed 1 kg extra concentrate during the last 8 weeks of gestation. Also, give calcium supplements to the pregnant cow.
GOAT	Light to Moderate rain with thunderstorm & lightning is likely to occur at one or two places over district on 24 & 28 May 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock.

Kanyakumari

AGRO ADVISORIES.

S. N.	CROP	STAGES	ADVISORIES
	There are possibility of rainfall on 24.5.23, 25.5.23 and 28.5.23. Maximum temperature will range from 33 - 35°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 06 – 12 km / hr in West direction.		
1.	Coconut	Grown up tree	Pencil point disease: Because of micronutrient deficiency, the stem will taper towards its tip with lesser number of leaves. The leaf size will be greatly reduced and the leaves will be pale and yellow in colour. Along with the recommended fertilizer dose, 225 g each of Borax, Zinc sulphate, Manganese sulphate, Ferrous sulphate, Copper sulphate and 10 g of Ammonium molybdate may be dissolved in 10 litre of water and poured in the basin of 1.5 m radius.
2.	Agricultural and horticultural crops	Planting Stage	Preparatory cultivation can be started for planting of paddy and horticultural crops such as vegetables, rubber, coconut etc.
3.	Pineapple	Harvest stage.	Harvest should be done when the colour of base of the fruit is slightly changed.
4.	Jasmine	Vegetative stages	Apply 10 g of Phorate granules near root zone and irrigate to control the nematode pest.

SMS Advisory

As 06 to 12 km / hr wind speed is anticipated, it is advised to provide staking to newly planted horticultural plants.

Salem

Weather Advisory Bulletin for livestock, poultry and agro advisory

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Crops	General	As moderate to heavy rains are expected in the next five days, farmers can avoid crop damage by installing drainage facilities in their fields.
		Farmers should do soil testing before sowing or cultivation of any crop. Soil testing report shows availability of nutrients in soil and due to this, it is easy to manage fertilizer dose of any crop, to save fertilizer and to maintain soil fertility also. seed treatment with <i>T. viride</i> @ 4g or <i>P. fluorescens</i> @ 1g/kg or <i>Bacillus subtilis</i> before sowing of crop can control the incidence root rot diseases
		Due to summer rains, white grubs damages a variety of crops. To management these white grubs do summer ploughing, crop rotation with paddy, in the infested fields collect the white grubs and destroy them, Use <i>Beauveria</i> and <i>Metarhizium</i> @ 4kg/ha each mixed well 500 kg of decomposed farm yard manure during the last ploughing (just before planting) to avoid white grub damage. Soil application of imidacloprid 40 + fipronil 40 -80 wg at the rate of 200g/ac mixed well with 50 kg of sand and then irrigate the field.
		Farmers can plough the fields and plant pulses by using the raining summer heat.
		White grubs damages a variety of crops by feeding on roots. To management these white grubs do summer ploughing, crop rotation with paddy, in the infested fields collect the white grubs and destroy them, Use <i>Beauveria</i> and <i>Metarhizium</i> @ 4kg/ha each mixed well 500 kg of decomposed farm yard manure during the last ploughing (just before planting) to avoid white grub damage.
Banana	Vegetative	Wind speed is expected to be high in the forthcoming days. So, Banana farmers are advised to go for propping to avoid logging of crop of age more than 5 months
		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.
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, <i>Trichogramma chilonis</i> 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.
Poultry	Desi birds	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 absorbs the excess moisture and also it acts as disinfectant and reduces the microbial load inside the shed.

Namakkal

Livstock, Poultry & Crop	Stage	Weather advisory
General	Advisory	<p>In Tamil Nadu, more number of canine parvoviral enteritis is reported in dogs. Six weeks to six months aged puppies are commonly affected by this disease. Eighty six per cent of the canine parvoviral enteritis is being reported in dogs not unvaccinated against this disease. Fever, off-feed, vomiting, foul smelling haemorrhagic diarrhoea are the common clinical signs seen in dogs affected with canine parvoviral enteritis. If the affected dogs are not promptly treated, they usually die due to dehydration and septicaemia.</p> <p>As a first step disease prevention, the puppies should be weaned only at their one and half month (45th day) age. Before weaning, puppies should be vaccinated at 45nd days of age with combined vaccine against Canine Parvovirus, Canine Distemper, Leptospirosis, Infectious Canine hepatitis and Canine Para-influenza. Thereafter, two booster vaccines should be given at the interval of 21 days. Annual booster vaccination should be given every year preferably before March month. Puppies should be purchased from reputed breeder. Ensure that the dam should be regularly vaccinated before purchase of puppies. Puppies should be dewormed before vaccination as per the recommendation of veterinarian.</p>
Poultry	General	<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. If fly intensity is high the birds should be fed with IGR mixed feed.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Groundnut	Flowering & peg formation stage	Give foliar spraying with Groundnut rich @ 2 kg / 200 litre of water alongwith sticking agent twice at flowering and peg formation stage per acre.
Cotton	Flowering & boll formation stage.	Farmers are requested to give foliar spraying with cotton plus @ 2.5 kg in 200 litre of water twice at flowering and boll formation stage.
Crops	General	Farmers are requested to sow green manure seeds like sunnhemp or daincha or multigrains @ 20 kg / acre and do insitu incorporation in the same field within 30 – 45 days after planting by using summer rains. Also, raise the bunds to store summer rains.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

As light rainfall is predicted next five days 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
Chilli	Due to the prevailing day time temperature and humidity is favourable for incidence of die back and fruit rot in chilli. Diseased plant branches and younger leaves get withered. Brown discoloration and small black spot appears on infested fruits. If symptoms noticed adopt the recommended action of spraying of Copper oxychloride 50 WP @ 500 g/ac or Mancozeb 75 WP @ 400 g/ac with 200 liter of water (3 times at 15 days interval).
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	Prevailing hot weather situation is favourable for spiraling white fly in tapioca and hence farmers are requested to the monitor the crop if require spray
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
General	Advisory	In Tamil Nadu, more number of canine parvoviral enteritis is reported in dogs. Six weeks to six months aged puppies are commonly affected by this disease. Eighty six per cent of the canine parvoviral enteritis is being reported in dogs not unvaccinated against this disease. Fever, off-feed, vomiting, foul smelling haemorrhagic diarrhoea are the common clinical signs seen in dogs affected with canine parvoviral enteritis. If the affected dogs are not promptly treated, they usually die due to

		<p>dehydration and septicaemia.</p> <p>As a first step disease prevention, the puppies should be weaned only at their one and half month (45th day) age. Before weaning, puppies should be vaccinated at 45nd days of age with combined vaccine against Canine Parvovirus, Canine Distemper, Leptospirosis, Infectious Canine hepatitis and Canine Para-influenza. Thereafter, two booster vaccines should be given at the interval of 21 days. Annual booster vaccination should be given every year preferably before March month. Puppies should be purchased from reputed breeder. Ensure that the dam should be regularly vaccinated before purchase of puppies. Puppies should be dewormed before vaccination as per the recommendation of veterinarian.</p>
Poultry	General	<p>In these days, there has been mild showers here and there in Krishnagiri 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. If fly intensity is high the birds should be fed with IGR mixed feed.</p>
Agro advisory from Krishi Vigyan Kendra		
Groundnut	Flowering & peg formation stage	Give foliar spraying with Groundnut rich @ 2 kg / 200 litre of water alongwith sticking agent twice at flowering and peg formation stage per acre.
Cotton	Flowering & boll formation stage.	Farmers are requested to give foliar spraying with cotton plus @ 2.5 kg in 200 litre of water twice at flowering and boll formation stage.
Crops	General	Farmers are requested to sow green manure seeds like sunnhemp or daincha or multigrains @ 20 kg / acre and do insitu incorporation in the same field within 30 – 45 days after planting by using summer rains. Also, raise the bunds to store summer rains.

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 15 th node for variety and 20 th 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%).
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SMS: Nipping in cotton may be done to increase number of bolls.

Puducherry

Weather based Agro-Advisories.

Crop	Stage/ Particulars	Agro Advisory
Rice	Tilleringstage	To manage rice stem borer, release parasitoid <i>Trichogramma japonicum</i> @1,00,000/ha at active tillering stage (37, 44 and 51 DAP) or Azadirachtin 0.03% @ 4 ml/l or cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.
Rice	Tilleringstage	To manage rice leaf folder release <i>Trichogramma chilonis</i> 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.
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 (200ml / 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.
COW		Due to increase in day temperature avoid animal grazing in hot hours of the day.
General Advice		To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

SMS:

Light 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 rain is likely to occur one or two places from 24.05.2023 to 28.05.2023

Light 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

Crop(Varieties)	Crop Specific Advisory
RICE	Tillering stage To manage rice stem borer, release parasitoid <i>Trichogramma japonicum</i> @1,00,000/ha at active tillering stage (37, 44 and 51 DAP) or Azadirachtin 0.03% @ 4 ml/l or cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.
RICE	Tillering stage To manage rice leaf folder release <i>Trichogramma chilonis</i> 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.
Horticulture(Varieties)	Horticulture Specific Advisory
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.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Due to increase in day temperature avoid animal grazing in hot hours of the day.
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.

