



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 043/2022

For the period 0830 IST, 31st May 2022 to

0830 IST, 05th June 2022

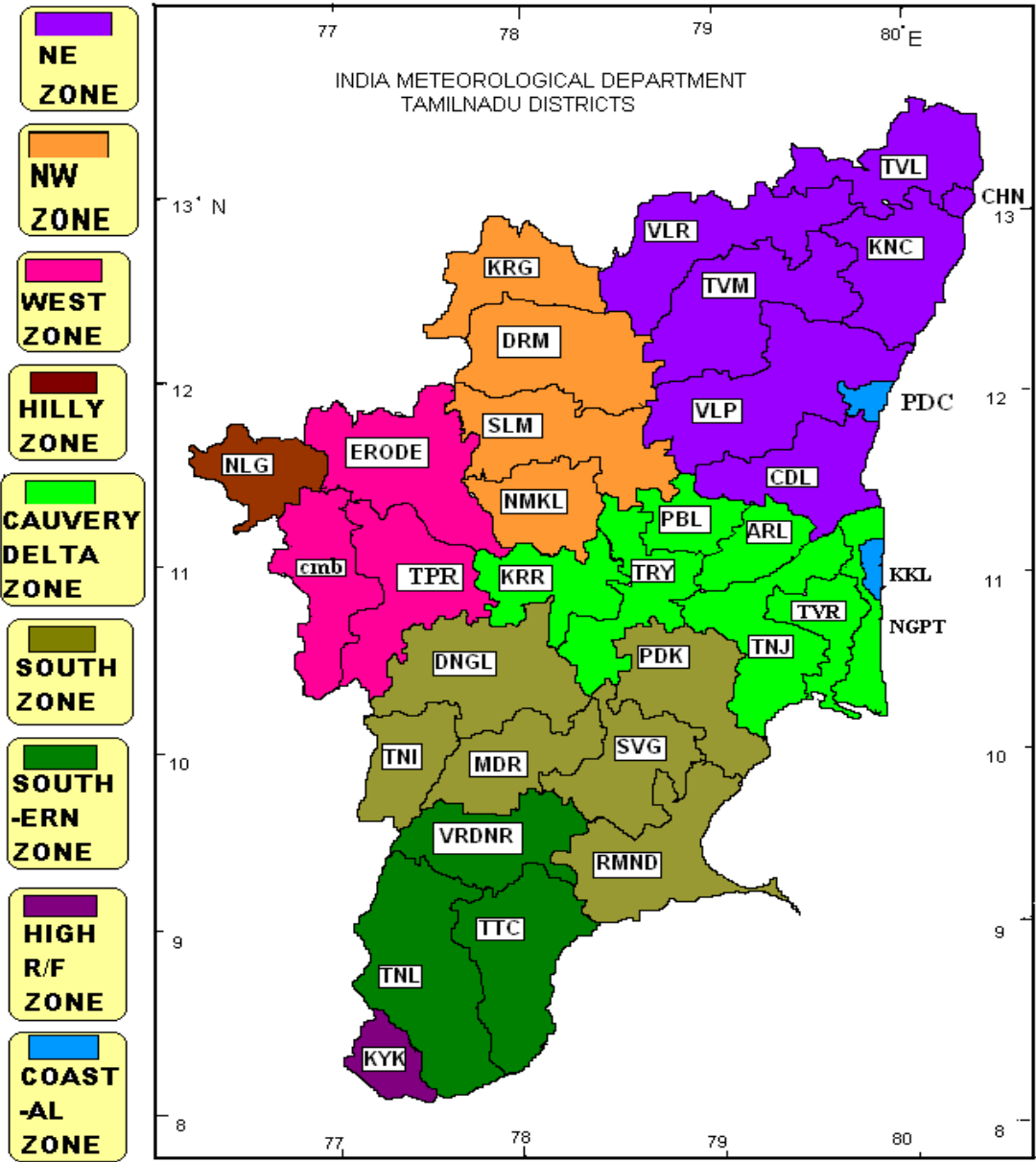
Issued on Tuesday, 05th June 2022

Issued by

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

Agro climatic zones of the state

Sl. No	Agro climatic zone	Districts	Agro met field Unit (AMFU) location
1	Northeastern zone	Kanchipuram, Tiruvallur, Cuddalore Tiruvannamalai, Chennai, Villupuram , Vellore	Chennai
2	Northwestern zone	Dharmapuri, Krishnagiri, Salem and Namakkal	Namakkal
3	Western Zone	Erode, Tiruppur and Coimbatore,	Coimbatore,
4	Cauvery Delta zone	Thanjavur, Nagapattinam, Thiruvarur, Karur, Perambalur, Ariyalur and Tiruchirapalli.	Adudurai
5	Southern zone	Virudhunagar, Tirunelveli and Thoothugudi	Kovilpatti
6	South Zone	Pudukkottai, Madurai, Dindigul, Theni, Ramanathapuram and Sivagangai	Kannivadi
7	High rainfall zone	Kanyakumari	Pechiparai
8	Hilly zone	Nilgiris	Ooty
9	Coastal Zone	Karaikal and Pondicherry	Karaikal



Past Weather Summary for the period 27.05.22 to 30.05.22 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 30°C – 40°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 17°C – 22°C during the period.

Minimum temperature of range 20°C - 29°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 07°C - 12°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	27.05.22	Puducherry
Isolated (Isolated Places)	27.05.22, 28.05.22, 29.05.22 & 30.05.22	Tamil Nadu
Dry	28.05.22, 29.05.22 & 30.05.22	Puducherry

Chief Amounts of Rainfall (in cms):-

27.05.22 : Valparai PAP (dist Coimbatore) 6, Valparai Taluk Office (dist Coimbatore), Ketti (dist Nilgiris), Vanamadevi (dist Cuddalore), Kancheepuram (dist Kancheepuram), Puducherry (dist Puducherry), Suralacode (dist Kanyakumari), R.K.Pet (dist Tiruvallur), Kudithangi (dist Cuddalore), 5 each, Andipatti (dist Theni), Cuddalore (dist Cuddalore), Vaigai Dam (dist Theni), Ottapadiram (dist Toothukudi), Puthan Dam (dist Kanyakumari) 4 each, Perunchani Dam (dist Kanyakumari), Cincona (dist Coimbatore), Uthiramerur (dist Kancheepuram), Kodaikanal (dist Dindigul), Chinnakalar (dist Coimbatore), Walajabad (dist Kancheepuram), Kanchipuram ISRO (dist Kanchipuram), Madurai ISRO (dist Madurai) 3 each, Panruti (dist Cuddalore), Valparai PTO (dist Coimbatore), Peraiyur (dist Madurai), Marandahalli (dist Dharmapuri), Sholingur (dist Ranipet), Thali (dist Krishnagiri), Vanur (dist Villupuram), Ambur (dist Tirupattur), Thuvakudi Imti (dist Trichy), Uthagamandalam (dist Nilgiris), Uthukottai (dist Tiruvallur), Poonamallee (dist Tiruvallur) 2 each, Viraganur Dam (dist Madurai), Aruppukottai (dist Virudhunagar), Thandampettai (dist Tiruvannamalai), Kothagiri (dist Nilgiris), Yelagiri ARG (dist Tirupattur), Glenmorgan (dist Nilgiris), Sholayar (dist Coimbatore), Annur (dist Coimbatore), Coonoor (dist Nilgiris), Dindigul (dist Dindigul), Periyakulam (dist Theni), Chittampatti (dist Madurai), Tallakulam (dist Madurai), Madurai South (dist Madurai), Kodumudi (dist Erode), Cheyyur (dist Chengalpattu), Thuraiyur (dist Trichy), Samayapuram (dist Trichy), Parangipettai (dist Cuddalore) 1 each.

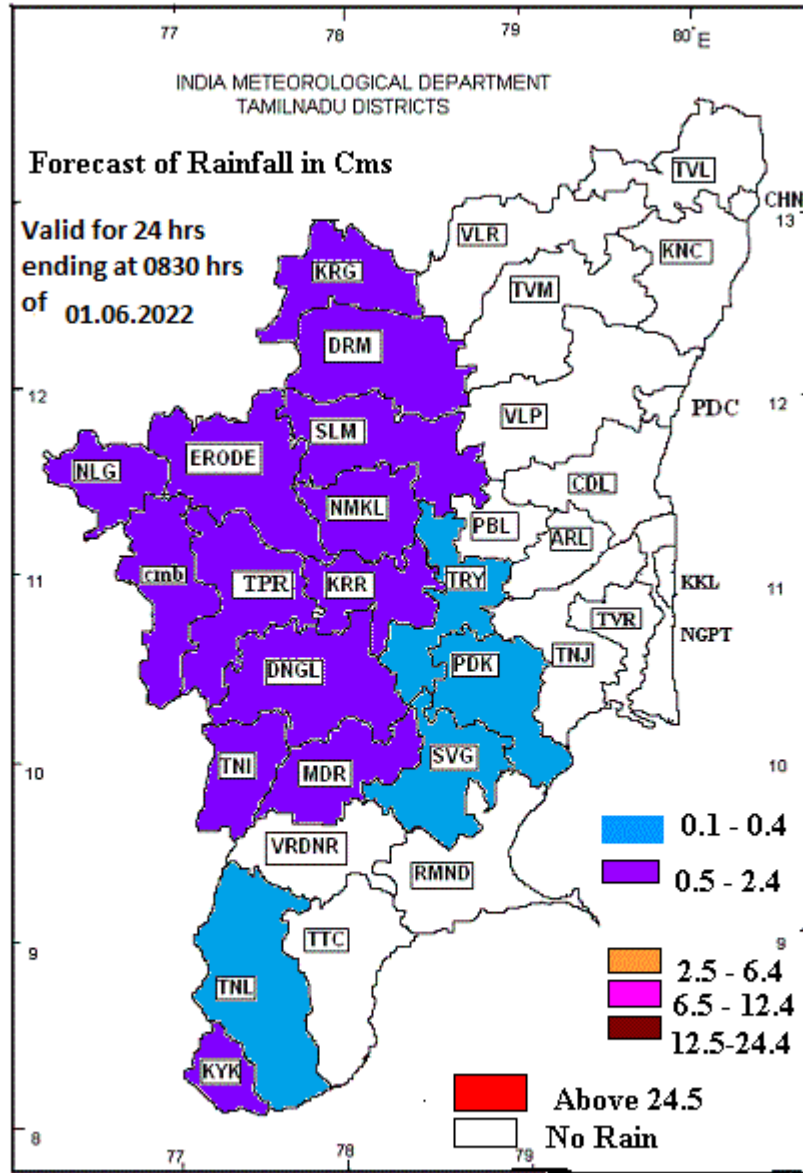
28.05.22: Veeraganoor (dist Salem), Vepur (dist Cuddalore) 5 Each, Srimushnam (dist Cuddalore), Valparai PTO (dist Coimbatore), Tirumayam (dist Pudukkottai) 4 Each, Sirkali (dist Mayiladuthurai), Sendurai (dist Ariyalur), Karur (dist Karur), Tozhudur (dist Cuddalore), V.Kalathur (dist Perambalur), Jamunamarathur (dist Tiruvannamalai), Valathy (dist Villupuram), Karaiyur (dist Pudukkottai), Aruppukottai KVK AWS (dist Virudhunagar) 3 Each, Kovilankulam (dist Virudhunagar), Peraiyur (dist Madurai), Kollidam (dist Mayiladuthurai), Melur (dist Madurai), Perambalur (dist Perambalur), Sholayar (dist Coimbatore), Gobichettipalayam (dist Erode), Chidambaram AWS (dist Cuddalore), Eraiyur (dist Perambalur), Bhavanisagar (dist Erode), Grand Anaicut (dist Thanjavur), Thenparanadu (dist Trichy), Emeralad (dist Nilgiris), Chinnakalar (dist Coimbatore), Annavasal (dist Pudukkottai), Sholayar (Coimbatore), Annamalai Nagar (Cuddalore), Ketti (Nilgiris), Kinnakorai (Nilgiris),

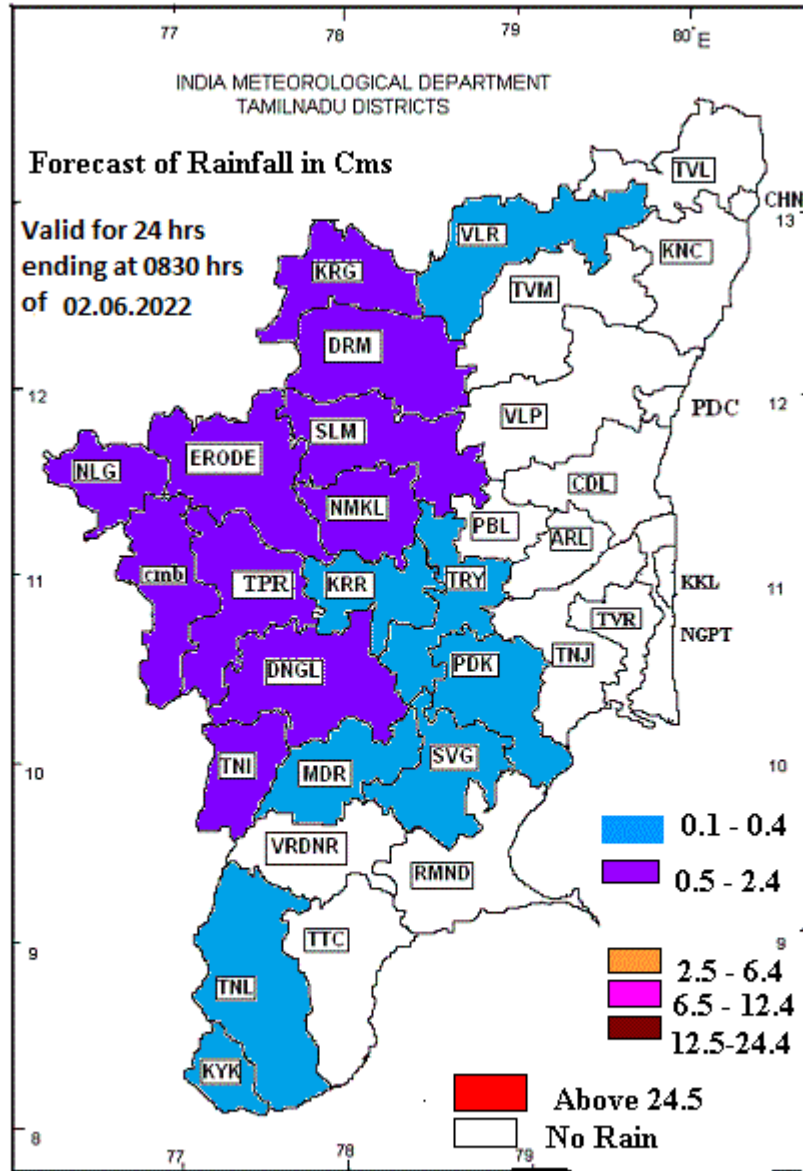
Vamban_KVK AWS (dist Pudukottai), Perambalur AWS (dist Perambalur) 2 Each, Manalmedu (dist Mayiladuthurai), Cholavaram (dist Tiruvallur), Budalur (dist Thanjavur), Ponnamaravathi (dist Pudukkottai), Parangipettai (dist Cuddalore), Valparai Taluk Office (dist Coimbatore), Chettikulam (dist Perambalur), Mayiladuthurai (dist Mayiladuthurai), Thammampatty (dist Salem), Sivakasi (dist Virudhunagar), Labbaikudikadu (dist Perambalur), Pelandurai (dist Cuddalore), Uthagamandalam (dist Nilgiris), Paramathivelur (dist Namakkal), Tirukattupalli (dist Thanjavur), Lower Anaicut (dist Thanjavur), Chinnakalar (dist Coimbatore), Cincona (dist Coimbatore) Kilacheruvai (dist Cuddalore), Annavasal (Pudukkottai), Gangavalli (dist Salem), Cholavaram (dist Tiruvallur), Sothuparai (dist Theni), Labbaikudikadu (dist Perambalur), Chetpet (dist Tiruvannamalai), Sivakasi RDO Office (dist Virudhunagar), Kodaikannal Boat Club (dist Dindigul), Thaniamangalam (Madurai) Sathiar (dist Madurai), Burliar (dist Nilgiris), Alakarai Estate (dist Nilgiris) 1 Each.

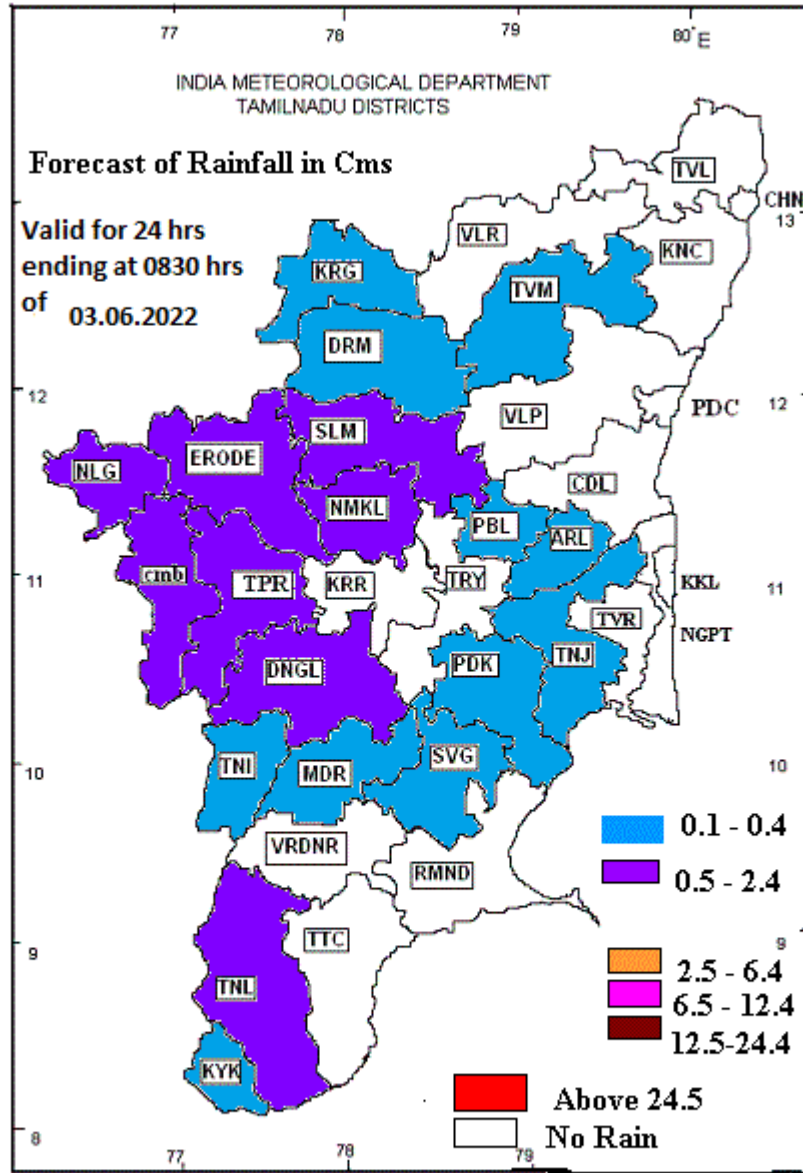
29.05.22 : Tallakulam (dist Madurai) 7, Kallikudi (dist Madurai), Madurai South (dist Madurai) 6 each, Suralacode (dist Kanyakumari), Mettupatti (dist Madurai) 5 each, Perunchani Dam (dist Kanyakumari) 4, Annavasal (dist Pudukkottai), Tirumangalam (dist Madurai), Viraganur Dam (dist Madurai) 3 each, Pandalur Taluk Office (dist Nilgiris), Thekkadi (dist Theni), Idayapatti (dist Madurai), Nilakottai (dist Dindigul), Manamadurai (dist Sivaganga), Sivalogam ((dist Kanyakumari), Kalial (dist Kanyakumari), Colachel (dist Kanyakumari), Chittar (dist Kanyakumari), Madurai Airport (dist Madurai), Madurai ISRO (dist Madurai) 2 each, Thuckalay (dist Kanyakumari), Kodaikanal (dist Dindigul), Pechiparai (dist Kanyakumari), Chittampatti (dist Madurai), Budalur (dist Thanjavur), Devakottai (dist Sivaganga), Bhoothapandy (dist Kanyakumari) 1 each.

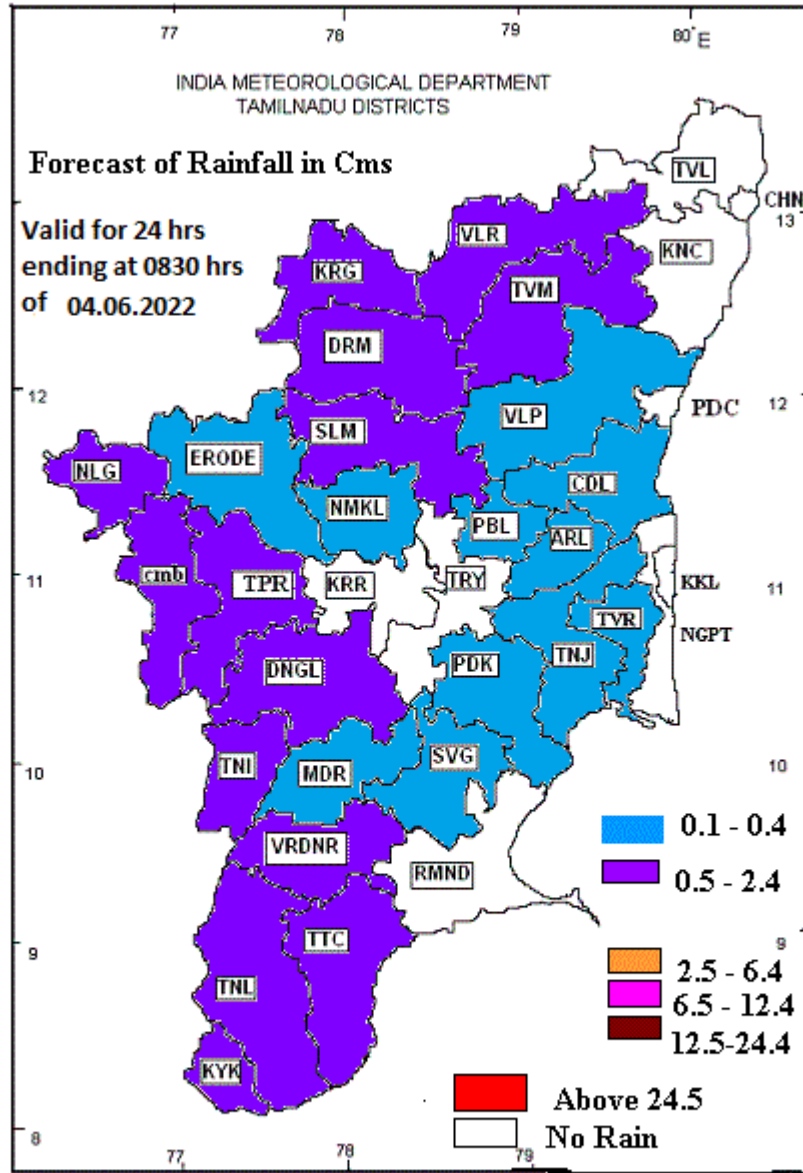
30.05.22 : Perungalur (dist Pudukkottai) 6, Trichy AP (dist Trichy), Adanakkotai (dist Pudukkottai), Kuzhithurai (dist Kanyakumari), Kalial (dist Kanyakumari) 5 each, Natham (dist Dindigul), Odanchatram (dist Dindigul), Trichy Town (dist Trichy) 4 each, Thuckalay (dist Kanyakumari), Eraniel (dist Kanyakumari), Kothagiri (dist Nilgiris), Kariyapatti (dist Virudhunagar), Uthagamandalam (dist Nilgiris), Pechiparai (dist Kanyakumari), Palani (dist Dindigul), Chittar (dist Kanyakumari), Sivalogam (dist Kanyakumari) 3 each, Colachel (dist Kanyakumari), Aruppukottai (dist Virudhunagar), Thuvakudi (dist Trichy), Periyakulam (dist Theni), Kattumayilur (dist Cuddalore) 2 each, Keelpennathur (dist Tiruvannamalai), Kodaikanal (dist Dindigul), Emerald (dist Nilgiris), Nedungal (dist Krishnagiri), Annavasal (dist Pudukkottai), Ponmalai (dist Trichy), Kundha Bridge (dist Nilgiris), Perunchani Dam (dist Kanyakumari), Tirumangalam (dist Madurai), Nagercoil (dist Kanyakumari), Pudukkottai (dist Pudukkottai), Anaimaduvu Dam (dist Salem), Puthan Dam (dist Kanyakumari), Kodaikanal Boat Club (dist Dindigul) 1 each.

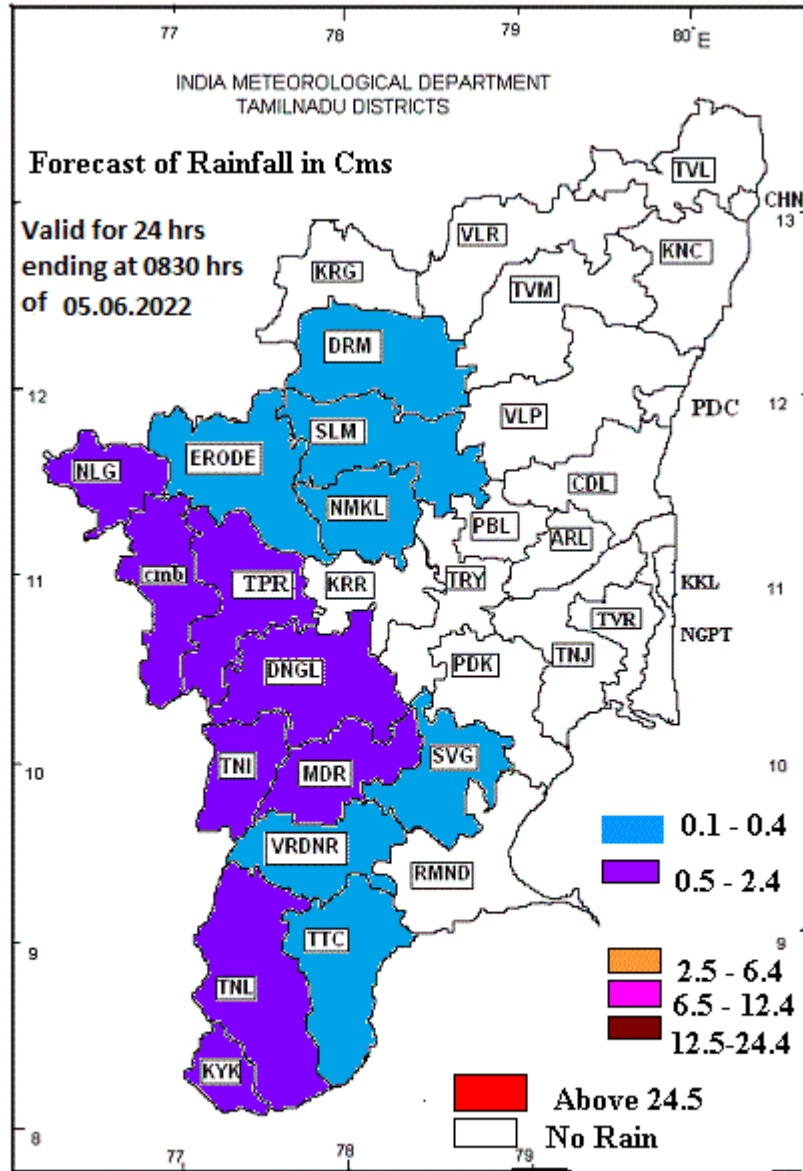
DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 31.05.2022
VALID FOR THE NEXT 5 DAYS











DISTRICTWISE AGROMET ADVISORIES

CHENNAI

SMS Advisory:

(01.06.2022-02.06.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu,

Livestock Advisory

During summer season due to heat load there might be a temporary loss of appetite in dairy cattle. To prevent the decline of milk production due to lower feed intake the animals may be provided with succulent high moisture (70-80%) containing green fodder.

Provision of high protein concentrate feed to dairy cattle during noon hours in summer season adds to the heat load of heat generated during digestion. To prevent this dairy cattle must be provided with protein rich concentrate feed during night hours so that there will be less heat load and at the same time the animals will get the required amount of protein.

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.

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.

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.

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

KANCHEEPURAM

General Advisory:

From the extended range forecast of IMD, normal rainfall, minimum temperature & maximum temperature is expected for the period of 05.06.2022 to 11.06.2022 over Tamil Nadu and Pondicherry region. Farmers are advised to irrigate their crop fields depends on the soil moisture availability.

SMS Advisory:

Farmers are advised to provide 30-50 gram of mineral mixture per animal to improve the production and health status in dairy animals.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	There are possibilities of shoot and fruit borer insect infestation in brinjal and bhendi crops. For management farmers are advised to install pheromone trap @ 5/acre.
CHILLI	There are possibilities of whitefly transmitted leaf curl virus infestation in Chilli. For the management of vector farmers are advised to spray Dimethoate 2ml of Acephate 1g per litre of water.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Farmers are advised to provide 30-50 gram of mineral mixture per animal to improve the production and health status in dairy animals. Farmers are advised to sprinkle water over the dairy animals during hot part of the day.
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 sheep and goats to avoid infection during this season. Don't allow sheep and goat to graze near local water bodies duly this season to avoid internal parasitic infestation.

Fisheries Specific Advisory:

Fisheries(Varieties)	Fisheries Specific Advisory
INLAND	Farmers may follow the fish pond feeding at 7.00-8.00 AM in morning and 5.00-6.00 PM in evening.
COMMON FISH	Farmers are advised to maintain the water level of 4 feet to avoid temperature impact of fishes.
ORNAMENTAL FISH	To avoid parasitic infestation in ornamental fish's bath treatment may be performed once in 15 days interval with 1-3% salt concentration.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Farmers are advised to provide concentrate feed and water in dividend doses to poultry birds to avoid feed wastage and dehydration loss on poultry birds. Provide B-Complex supplements in drinking water to poultry birds to improve production and health status in birds.

VILLUPURAM**SMS Advisory:**

(01.06.2022-02.06.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu,

Livestock Advisory:

During summer season due to heat load there might be a temporary loss of appetite in dairy cattle. To prevent the decline of milk production due to lower feed intake the animals may be provided with succulent high moisture (70-80%) containing green fodder.

Provision of high protein concentrate feed to dairy cattle during noon hours in summer season adds to the heat load of heat generated during digestion. To prevent this dairy cattle must be provided with protein rich concentrate feed during night hours so that there will be less heat load and at the same time the animals will get the required amount of protein.

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.

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.

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.

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. 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. Alage in paddyfield reduces the growth of crops. To control apply, 2.0 kg of copper sulphate mix with sand. 3. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.

Sugarcane:

Mealy bug and pokkah boeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkah boeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l. 2. Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l).

Groundnut:

To reduce the root rot infection in groundnut treat the seeds with carbendazim or thiram @ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed and Pseudomonas fluorescens @ 10 g/kg seed.

Brinjal:

Prevailing weather is favorable for shoot and fruit borer incidence in brinjal. To control remove the affected terminal shoot showing boreholes. Install pheromone trap @ 5 nos./ac or spray azadirachtin 1.0% EC 3.0 ml/lit or emamectin benzoate 5% SG 4.0g/10 liter.

coconut:

Installation of yellow sticky traps (25 Nos./ ha) on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae at emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 20 ml/l of water or spray Azadirachtin 2.0 ml/l of water with 1.0 ml of sticking agent.

Chilli:

prevailing weather is favorable for root rot infestation in chilli. To control spoldrench with carbendazim 1.0 g/lit.

TIRUVANNAMALAI**SMS Advisory:**

(01.06.2022-02.06.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu,

Livestock Advisory

During summer season due to heat load there might be a temporary loss of appetite in dairy cattle. To prevent the decline of milk production due to lower feed intake the animals may be provided with succulent high moisture (70-80%) containing green fodder.

Provision of high protein concentrate feed to dairy cattle during noon hours in summer season adds to the heat load of heat generated during digestion. To prevent this dairy cattle must be provided with protein rich concentrate feed during night hours so that there will be less heat load and at the same time the animals will get the required amount of protein.

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.

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.

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.

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.

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

Agricultural advisory**Rice**

In the paddy planting field to apply Beautachlor for weed control 2.5 litre+25 Kg sand per hectare on the third day.

Raising of green manure crops like daincha, sunhump and kolinji can be done and incorporate before flowering.

Algae in rice field reduces the growth of crops. To control apply 2.0 kg of copper sulphate mix with sand.

Banana

Prop up 5 month old banana trees.

Coconut

Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 m radius around the palms as mulch for soil moisture conservation particularly during summer season.

Sugarcane

Detrashing and propping may be done in six months old sugarcane.

VELLORE

General Advisory:

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be normal rainfall and temperature for the period of 5.06.2022 to 11.06.2022.

SMS Advisory:

Light rainfall is expected in the forthcoming days. So, farmers are advised to spray insecticides or herbicides with sticking agent.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Since rain is anticipated, provide drainage for the transplanted rice. In the paddy planting field to apply Butachlor for weed control 2.5 litre+25 Kg sand per hectare on the third day. Raising of green manure crops like daincha, sunhump and kolinji can be done and incorporate before flowering. Algae in rice field reduces the growth of crops. To control apply 2.0 kg of copper sulphate mix with sand. Application of farm yard manure 12.5 ton / ha or compost or green leaf manure @ 6.25 ton/ ha is recommended.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 m radius around the palms as mulch for soil moisture conservation particularly during summer season.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Do not permit the animals to graze on the newly emerging grasses against bacterial diseases. High wind speed of >15 km/hour. Check the stability of the shed.
GOAT	Provide deworming medicine and antidiarrhea medicine in consultation with veterinariyan.

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Give LASOTA Vaccine as Eye drops for chicks below 1month of age and give vaccine RDVK for adult birds.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
AGRI FIELD	Mulching may be followed in rainfed areas to conserve soil moisture, reduce irrigation frequency, reduce weed growth, and mitigate soil evaporation. Very thin film mulching may be used for short duration vegetables. Crop residues act as mulch and reduce the soil evaporation. Coir waste can hold water five times as of its own weight.

TIRUVALLUR**General Advisory:**

From extended range forecast Normal rainfall and Normal maximum temperature & minimum temperature expected for the period of 05.06.2022 to 11.06.2022 over Tamil Nadu.

SMS Advisory:

Based on soil moisture provide irrigation to the crop.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	RICE- 1. Algae Growth- Application of Copper Sulphate 2 kg per acre through in Irrigation water and after TNAU MN mixer application for nutrient enhancement; 2.Mite- Spray Dicofol 18.5% EC 500 ml (or) Spray Azadirachtin 0.03% 400 ml per in 200 litres of water.
OKRA/ LADYFINGER	Bhendi- Preparation of field- Plough the land 4 - 5 times and apply FYM 10 kg, neem cake 1 kg, super phosphate 100 g and Furadon 10 g/sq.m during last ploughing. Form ridges and furrows at 45 cm apart.
GROUNDNUT	GROUND NUT- Tobacco caterpillar- Spray Methomyl 40 SP 300 ml per acre in 200 litres water to control the early instar (1st to 3rd instar) larvae. (or) Spray NSKE 5%.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Chilli- Nursery- 1. Damping Off- Drench the nursery with Copper oxychloride @ 2.5 g/l of water at 15 days interval against damping off disease.
BRINJAL	BRINJAL- 1.Fruit borer- Spray Neem Seed Kernel Extract 5 % (or) Spray Dimethoate 30 % EC 7.0 ml/10 l. and Encourage the activity of larval parasitoids: <i>Pristomerus testaceus</i> , <i>Cremastus flavoorbitalis</i> ; 2. Whitefly- Spray Neem oil 3% (or) Spray Thiamethoxam 25 % WG 4.0 g/10 l and Monitor the whitefly with yellow sticky trap @ 5-6 / acre.
BITTER GOURD	Gourds- Foliar Spray Ethrel 250 ppm 2 to 5 leaf stage for increase flower production.

CUDDALORE

General Advisory:

1. From extended range forecast normal rainfall, minimum temperature and maximum temperature expected for the period of 05.06.2022 to 11.06.2022 over Tamil Nadu. 2. Normally summer rain accompanied with squally wind. Therefore stacking may be given to be five months old and above banana crops.

SMS Advisory:

Farmers are advised provide proper drainage to crops and irrigate the crop based on the soil moisture.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific 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.
SUGARCANE	1. Mealy bug and pokkah boeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkah boeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l. 2. Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l).
GROUNDNUT	To reduce the root rot infection in groundnut treat the seeds with carbendazim or thiram @ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed and bacillus subtilis @ 10 g/kg seed.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	1. Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage build up 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.

COIMBATORE

Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall with thunder and lightning is expected in western zone districts. Based on the soil moisture content, irrigation may be given to the irrigated crops and apply crop residue mulch to reduce water loss through evaporation. To harvest the summer rains, summer ploughing may be done against the slop with inverting type of plough.
Rice	Sowing	By utilizing is expected rainfall rice nursery preparation may be started and if already sown, maintain thin film of water to avoid seed displacement.

Cotton		In cotton crop, spray NAA 40 ppm to prevent early shedding of buds and squares and increase the yield (40 mg of NAA dissolved in one litre of water will give 40 ppm).
Tomato		June is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg. The seed treatment must be done 24 hours before sowing of seeds.
Banana		Since rainfall with wind more than 15 kmph is expected, propping may be done to banana crop to prevent lodging.
Grapes		Considering the prevailing weather, pruning may be done in monsoon Grapes at 2 buds level for Thompson variety and 4 buds level for other varieties.
Coconut		Provide inward ring basin around Coconut and fruit tree crops to harvest summer rains in root zone.
Animal		Rainfall with thunderstorm is expected. Protect the animal properly. Safeguard the dry feed from rain and moisture. Since Wind speed of 15 km is expected along with rainfall, provide adequate care to the animal sheds. Do not allow the animals to graze on newly grown grasses, due to the receipt of last week rain.

SMS advisory

Rainfall with thunderstorm is expected. Protect the animal properly. Safeguard the dry feed from rain and moisture.

ERODE

Agro Advisory

Crop	Stage	Advisory
General		Light to moderate rainfall with thunder and lightning is expected in western zone districts. Based on the soil moisture content, irrigation may be given to the irrigated crops and apply crop residue mulch to reduce water loss through evaporation. To harvest the summer rains, summer ploughing may be done against the slop with inverting type of plough.
Rice	Sowing	By utilizing is expected rainfall rice nursery preparation may be started and if already sown, maintain thin film of water to avoid seed displacement.
Maize		By utilizing the rain, irrigated maize sowing may be continued with imidacloprid 70 WS seed treatment @ 10g/ Kg of seeds and provide drainage.
Cotton		In cotton crop, spray NAA 40 ppm to prevent early shedding of buds and squares and increase the yield (40 mg of NAA dissolved in one litre of water will give 40 ppm).
Tomato		June is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg. The seed treatment must be done 24 hours before sowing of seeds.
Banana		Since rainfall with wind more than 12 kmph is expected, propping may be done to banana crop to prevent lodging.
Coconut		Provide inward ring basin around Coconut and fruit tree crops to harvest summer rains in root zone.
Animal		Rainfall with thunderstorm is expected. Protect the animal properly. Safeguard the dry feed from rain and moisture. Since Wind speed of 12 km is expected along with rainfall, provide adequate

		care to the animal sheds. Do not allow the animals to graze on newly grown grasses, due to the receipt of last week rain.
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SMS advisory

Rainfall with thunderstorm is expected. Protect the animal properly. Safeguard the dry feed from rain and moisture.

TIRUPPUR

Agro advisory

Crop	Stage	Advisory
General		Light to moderate rainfall with thunder and lightning is expected in western zone districts. Based on the soil moisture content, irrigation may be given to the irrigated crops and apply crop residue mulch to reduce water loss through evaporation. To harvest the summer rains, summer ploughing may be done against the slop with inverting type of plough.
Maize		By utilizing the rain, irrigated maize sowing may be continued with imidacloprid 70 WS seed treatment @ 10g/ Kg of seeds and provide drainage.
Cotton		In cotton crop, spray NAA 40 ppm to prevent early shedding of buds and squares and increase the yield (40 mg of NAA dissolved in one litre of water will give 40 ppm).
Banana		Since rainfall with wind more than 12 kmph is expected, propping may be done to banana crop to prevent lodging.
Coconut		Provide inward ring basin around Coconut and fruit tree crops to harvest summer rains in root zone.
Animal		Rainfall with thunderstorm is expected. Protect the animal properly. Safeguard the dry feed from rain and moisture. Since Wind speed of 12 km is expected along with rainfall, provide adequate care to the animal sheds. Do not allow the animals to graze on newly grown grasses, due to the receipt of last week rain.

SMS advisory

Rainfall with thunderstorm is expected. Protect the animal properly. Safeguard the dry feed from rain and moisture.

ARIYALUR, KARUR, NAGAPATTINAM, PERAMBALUR, THANJAVUR AND TIRUVARUR

Agro Advisory

Crop	Stage	Advisory
Rice		For kuruvai nursery, an area of 20 cents can be allotted for planting 1 ha with the application of FYM or compost @ 1 ton. For clay soil, 4 kg gypsum and 1 kg DAP/cent can be applied 10 days prior to pulling out of seedlings to avoid root snapping.

		The seeds should be treated with carbendazim (2 g/kg of seeds) or Pseudomonas (10 g/kg of seeds) before sowing to prevent seed borne diseases.
Rice		Do seed treatment before sowing rice varieties ADT 36, ADT 43, ADT 45 and ADT 47 which are suitable for kuruvai season and take necessary action for preparation of nursery.
Livestock	Cattle	Highly reflective aluminum roofs may be provided to cattle shed to reduce the heat stress to the cattle underneath.

SMS advisory

Highly reflective aluminum roofs may be provided to cattle shed to reduce the heat stress to the cattle underneath.

DINDIGUL

General Advisory:

Heavy Rainfall Warning: Thunderstorm with Heavy rain is likely to occur at one or two places over the district on 1 Jun 2022. Farmers are advised to avoid irrigation, intercultural operations and application of plant protection measures to the standing crops, and provide adequate drainage facilities in the fields to avoid water stagnation due to heavy rainfall. Extended range Forecast for next week (3rd – 9th June 2022): Rainfall: As per extended range predictions, there is possibility of near normal rainfall likely during the subsequent week. 3 to 9 June 2022 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. 3 to 9 June 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 24°C over the district during next week. 27 3to 9 June 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at isolated places over Tamilnadu on 1 & 2 June 2022. 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. . To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

SMS Advisory:

Chances of Moderate rain during 1, 2, 3, 5 Jun & light rain on 4 Jun May. Max temp-35°C & Min temp - 25°C. Generally cloudy sky for next 5 days. Wind speed 6 -8 kmph from SW direction.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to the prevailing weather condition the incense Thrips in cotton. The symptoms are, shriveling of leaves due to scrapping of the epidermis and de sapping. Attacked terminal buds have ragged edges. A silvery shiny appearance seems under the surface of the leaves. To control, spray Imidachloprid 200 SL @ 100 ml/acre.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
Drumstick	Due to the prevailing weather condition, the occurrence of leaf caterpillars is seen in Moringa. The caterpillar Larva feeds on the leaflets reducing them into papery structures. To control this, plough around trees to expose and kill pupae. Collect and destroy damaged buds along with caterpillars. Set up light trap @ 1No./ha. Spray insecticides like Fipronil @ 35ml per 10 litres of water. Spray after harvest or pick the fruits 10 days after spraying.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
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.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil /Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Since some amount of rainfall is received recently, and rainfall is expected for the coming days, farmers can plan for ploughing and land preparation activities. Farmers are advised to postpone the spraying activities for a short while and to take necessary steps for rain water harvesting.

MADURAI**General Advisory:**

<p>Extended range Forecast for next week (3rd – 9th June 2022): Rainfall: As per extended range predictions, there is possibility of near normal rainfall likely during the subsequent week. 3 to 9 June 2022 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. 3 to 9 June 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 24°C over the district during next week. 27 3to 9 June 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at isolated places over Tamilnadu on 1 & 2 June 2022. 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. . To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.</p>
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SMS Advisory:

Chances of light rain during 1, 2, 3, 4 & 5 Jun. Max temp -35°C-36°C & Min temp -25°C-26°C. Generally cloudy sky
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for next 5 days. Wind speed 6 -8 kmph from SW direction.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
SESAME (GINGELLY/TIL)	Due to the current weather condition, the incidence of Sesame phyllody is expected in Sesame. All the floral parts are transformed into green leafy structures followed by abundant vein clearing in different flower parts. In severe infection, the entire inflorescences are replaced by short twisted leaves closely arranged on a stem with short internodes, abundant abnormal branches bend down. If capsules are formed on the lower portion of the plant they do not yield quality seeds. Transmitted by the vector Orosiusalbicintus. To control, spray Copper Oxychloride @ 35gm +sticky agent @ 10ml with 10litres of water.
PIGEON PEA (RED GRAM/ARHAR)	Due to the prevailing weather condition, flower shedding is noticed in Redgram. To manage the flower shedding in redgram, foliar spray of pulse wonder @ 2kg per acre with 200 litres of water is recommended.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
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.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil /Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Since some amount of rainfall is received recently, and rainfall is expected for the coming days, farmers can plan for ploughing and land preparation activities. Farmers are advised to postpone the spraying activities for a short while and to take necessary steps for rain water harvesting.

PUDUKOTTAI

General Advisory:

Extended Range Forecast For Tamil Nadu 05 .06.2022 to 11 .06.2022 (:During the Week from 05 th to11 th juen Rainfall Normal . Maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu.

SMS Advisory:

Preparatory cultivation can be started for planting of paddy and horticultural crops such as vegetables, coconut etc.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Considering the anticipated rainfall nursery land preparation may be done for short duration rice. But postpone the sowing till the rain end. Rice varieties ADT 36, ADT 43, ADT 45 and ADT 47 are suitable for kuruvai season.
RICE	The application of Biofertilizer in Paddy will give good results. Raise Azolla as a dual crop by inoculating 250kg/ha 3 to 5 DAT and then incorporating it during weeding for the wet season crop. And broadcast 10kg of soil-based powdered BGA flakes at 10 DAT and maintain a thin film of water for multiplication.
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 ZnSo ₄ /acre. Also apply Farm Yard Manure along with 2kgs of Azospirillum and 2kgs of Phosphobacteria per acre.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	As 10 km / hr wind speed is anticipated, it is advised to provide staking to newly planted horticultural plants.
TOMATO	June is the best time for sowing of tomato in raised bed for nursery seedlings. Do seed treatment with Trichoderma viride @ 4g/kg. The seed treatment must be done 24 hours before sowing of seeds.
COCONUT	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.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Due to the prevailing weather condition the Enterotoxaemia disease may affect the Goats. The main symptom of the disease causes sudden death in young growing kids. Mucous diarrhea may also be seen during death. To prevent this disease, do not feed on young grass, allow the goat for grazing one hour after the sunshine. Vaccinate the animals once in a year before the onset of monsoon.
COW	The greens in pasture returned due to recent summer showers. As these greens may remain for 7 to 10 days, farmers are advised to make use of it for their milch animals and other livestock.

RAMANATHAPURAM

General Advisory:

In coconut tree basins application of coconut leaves and coir waste can help to prevent evaporation loss,so farmer can able to save water.

SMS Advisory:

From extended range forecast, Normal rainfall, Normal maximum temperature and minimum temperature expected for the period of June 5 to June 11 over Tamil Nadu.

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to the prevailing weather conditions incidence of stem weevil is expected in cotton. The damage symptoms are swellings on the stem just above the ground level and Older plants that survive lack vigor and strength, breaks at the nodes due to strong wind. If damage symptoms are observed 10% of ETL uproot and destroy the infested plants and drenching collar region with chlorpyriphos 2.5ml/1 liters of water

Horticulture Specific Advisory:

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

SIVAGANGAI

General Advisory:

Extended range Forecast for next week (3rd – 9th June 2022): Rainfall: As per extended range predictions, there is possibility of near normal rainfall likely during the subsequent week. 3 to 9 June 2022 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. 3 to 9 June 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 24°C over the district during next week. 27 3to 9 June 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at isolated places over Tamilnadu on 1 & 2 June 2022. 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. . To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

SMS Advisory:

Chances of light rain during 1, 2, & 4 Jun. Max temp-35°C-36°C & Min temp -25°C-26°C. Generally cloudy sky for next 5 days. Wind speed 6 -8 kmph from SW direction.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Due to the prevailing weather condition, the incense of Fruit rot is expected in Brinjal. The symptoms are sunken lesions on the fruit, filled with pinkish fungal ooze, and severely infected plants dropping the fruits to the ground with the pedicel still attached to the plant. To control, spray Kasugamycin @ 35ml + sticky agent @10ml with 10 litres of water.
COCONUT	Due to the prevailing weather condition, the incidence of Stem bleeding is expected in Coconut. This disease is characterized by the exudation of a dark reddish-brown liquid from the cracks in the bark and wounds. In advanced cases, the inner portions of affected trunks become hollow, and the outer whorl of the leaves turn yellow, dry, and shed prematurely. The production of bunches is affected adversely. Avoid any mechanical injury to the trunk. To control pour the Copper Oxchloride @ 60 gm with 10 litres of water at the base of the trunk and apply 2½ kg of Neem cake per tree.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
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.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil /Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Since some amount of rainfall is received recently, and rainfall is expected for the coming days, farmers can plan for ploughing and land preparation activities. Farmers are advised to postpone the spraying activities for a short while and to take necessary steps for rain water harvesting.

THENI**General Advisory:**

Extended range Forecast for next week (3rd – 9th June 2022): Rainfall: As per extended range predictions, there

is possibility of near normal rainfall likely during the subsequent week. 3 to 9 June 2022 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. 3 to 9 June 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 24°C over the district during next week. 27 3to 9 June 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at isolated places over Tamilnadu on 1 & 2 June 2022. 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. . To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals.

SMS Advisory:

Chances of Moderate rain during 1, 2, 4 Jun & light rain on 3, 5 Jun May. Max temp-35°C & Min temp - 25°C. Generally cloudy sky for next 5 days. Wind speed 6 -8 kmph from SW direction.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	Due to the prevailing weather condition the incense of Pinworm in tomatoes. The symptoms are mining of leaves, stems, and pinholes on fruits. To manage this collect and destroy the pinworm affected plants & fruits and to control, keep pheromone traps @ 6 nos./acre. Spray Flubendiamide 20% WG @ 25 ml or Azadirachtin (1% or 5%) @ 1 litre/acre.
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 Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
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.

Others (Soil / Land Preparation) Specific Advisory:

Others (Soil /Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Since some amount of rainfall is received recently, and rainfall is expected for the coming days, farmers can plan for ploughing and land preparation activities. Farmers are advised to postpone the spraying activities for a short while and to take necessary steps for rain water harvesting.

VIRUDHUNAGAR

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted on day 4 (04.06.2022) and day 5 (05.06.2022). Irrigate the crop. However, irrigation may be planned based on the regular monitoring of weather forecast as South West monsoon started.
Irrigated condition	Pre sowing operation	As the south west monsoon started, farmers are advised to plan for sowing.
Agricultural/ Horticultural crops	Spraying/ Fertilizer	Based on the local weather, spraying of chemicals and fertilizer application may be done.
Dry land		Farmers are requested to practice the summer ploughing.
Irrigated Paddy	Tillering stage	Based on the local weather, fertilizer application may be planned.
Irrigated Groundnut	Vegetative stage	Based on the local weather irrigation may be planned and also proper drainage channel may be provided.
Sapota	Fruiting stage	Prevailing weather is conducive for Leaf Spot diseases The disease is characterized by numerous, small, pinkish to reddish brown spots with whitish centers in the leaf. Control: Spraying of <i>Mancozeb</i> (0.2%) 2 times at 15 days interval.
Brinjal	Fruit stage	Brinjal Shoot and Fruit Borer: Spraying <i>Emamectin Benzoate</i> 5 SG (Soluble granules) @ 4g/10 litre of water.
Cotton	Vegetative stage	Cotton Stem Weevil – Drenching of collar region with <i>Chlorpyrifos</i> -50 EC @ 2ml/ litre of water on 15 th day after germination, same will be followed on 30 th day after germination followed by Earthing-up.

SMS: Rain: 04&05.06-6&3 mm. Irrigation, spraying may be given. Cotton - Stem Weevil - Drenching of collar region with *Chlorpyrifos* -50 EC @ 2ml/ litre.

Tamil Nadu		
Southwest Monsoon has advanced over some more parts of Karnataka, entire Kerala, some more parts of Tamil Nadu, some more parts of southwest Bay of Bengal and some parts of Westcentral Bay of Bengal.		
Next five days	Weather warning	Thunderstorm with light to moderate rain at a few places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (01.06.2022). Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Dindigul, Erode, Krishnagiri, Dharmapuri, Salem, Namakkal and Karur districts of Tamilnadu Day 1 (01.06.2022). Thunderstorm with light to moderate rain at a few places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 2 (02.06.2022). Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area Day 3 (03.06.2022). Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area Day 4 (04.06.2022) and Day 5 (05.06.2022).
	Heavy Rainfall Warning	Day 1(31.05.2022): Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Dindigul, Erode, Krishnagiri, Dharmapuri, Salem, Namakkal and Karur districts of Tamilnadu.
	Thunderstorm Warning	Day 1 (01.06.2022) & Day 2 (02.06.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area.

TIRUNELVELI

Agro Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted for next five days. Postpone the irrigation. However, irrigation may be planned based on the regular monitoring of weather forecast as South West monsoon started. Proper drainage channel may be provided to avoid crop lodging.
Green manure		Sow green manure crop around the tree crops to conserve soil moisture.
Agricultural/ Horticultural crops	Spraying/ Fertilizer	Spraying of chemicals may be avoided for the next five days.
Irrigated condition	Pre sowing operation	As the south west monsoon started, farmers are advised to plan for sowing.
Dry land		Farmers are requested to practice the summer ploughing based on the suitable soil moisture prevailing for ploughing.
Sorghum	Vegetative stage	Based on the local weather, fertilizer application may be practice. Postpone the irrigation and proper drainage facilities may be given. In the prevailing weather condition Stem borer incidence may be noticed. For controlling this monitor the pest and if incidence crosses economic threshold level (10%) mix any one of the following insecticides with sand to make up a total quantity of 50 kg/ ha and apply in the leaf whorls. Mix the sand with Phorate 10G 8 kg/ha or Carbofuran 3G 17 kg/ha.
Rice	Active Tilling stage	In the prevailing weather condition sucking pest - Thrips occurrence may be noticed. Symptoms- Leaf shows discoloration and rolling. Yellow (or) silvery streaks on the leaves of young seedlings. Terminal rolling and drying of leaves from tip to base. Spray Azadirachtin 0.15% W/W 1500-2500 g/ha. (or) Thiamethoxam 25% WG 100 g/ha
Cotton	Boll development stage	In the prevailing weather condition sucking pest - white fly occurrence is noticed. ETL: 5 - 10 /leaf. Chemical control spray -Acetamiprid 20% SP 100 g/ha (or) Chlorpyrifos 20% EC 1250 ml/ha Plant products-Neem seed kernel extract 5% (50 kg) and neem oil at 5 ml/l of water (or) Notchi leaves 5% extract.

SMS: Rain: 01-05.06-3,2,5,10&5 mm. Irrigation, Spraying may be avoid. Sorghum - Stem borer- Phorate 10G 8 kg/ha or Carbofuran 3G 17 kg/ha.

Tamil Nadu		
Southwest Monsoon has advanced over some more parts of Karnataka, entire Kerala, some more parts of Tamil Nadu, some more parts of southwest Bay of Bengal and some parts of Westcentral Bay of Bengal.		
Next five days	Weather warning	Thunderstorm with light to moderate rain at a few places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (01.06.2022). Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Dindigul, Erode, Krishnagiri, Dharmapuri, Salem, Namakkal and Karur districts of Tamilnadu Day 1 (01.06.2022). Thunderstorm with light to moderate rain at a few places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 2 (02.06.2022). Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area Day 3 (03.06.2022). Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area Day 4 (04.06.2022) and Day 5 (05.06.2022).
	Heavy Rainfall	Day 1(31.05.2022): Heavy rain is likely to occur at isolated places over Nilgiris,

	Warning	Coimbatore, Tiruppur, Dindigul, Erode, Krishnagiri, Dharmapuri, Salem, Namakkal and Karur districts of Tamilnadu.
	Thunderstorm Warning	Day 1 (01.06.2022) & Day 2 (02.06.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area.

THOOTHUKUDI

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted on day 4 and day5. However, irrigation may be planned based on the regular monitoring of weather forecast as South West monsoon started. Proper drainage channel may be provided to avoid crop lodging.
Agricultural/ Horticultural crops	Spraying/ Fertilizer	Based on the local weather, spraying of chemicals and fertilizer application may be done.
Irrigated condition	Pre sowing operation	As the south west monsoon get advance, farmers are advised to plan for sowing.
Dry land		Farmers are requested to practice the summer ploughing based on the suitable soil moisture prevailing for ploughing.
Banana	All stages	Under prevailing weather condition Wilt disease noticed. Soil drenching of Carbendazim 0.1 per cent solution around the pseudostem at bimonthly intervals starting from five months after planting. As winds with more speed are expected in the coming days provide stake for banana to prevent the crops from damage.

SMS: Rain: 04&05.06-6&4mm. Irrigate the crop and Spraying may be given. Banana- high wind speed- stalk to be provided.

Tamil Nadu		
Southwest Monsoon has advanced over some more parts of Karnataka, entire Kerala, some more parts of Tamil Nadu, some more parts of southwest Bay of Bengal and some parts of Westcentral Bay of Bengal.		
Next five days	Weather warning	Thunderstorm with light to moderate rain at a few places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (01.06.2022). Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Dindigul, Erode, Krishnagiri, Dharmapuri, Salem, Namakkal and Karur districts of Tamilnadu Day 1 (01.06.2022). Thunderstorm with light to moderate rain at a few places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 2 (02.06.2022). Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area Day 3 (03.06.2022). Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area Day 4 (04.06.2022) and Day 5 (05.06.2022).
	Heavy Rainfall Warning	Day 1(31.05.2022): Heavy rain is likely to occur at isolated places over Nilgiris, Coimbatore, Tiruppur, Dindigul, Erode, Krishnagiri, Dharmapuri, Salem, Namakkal and Karur districts of Tamilnadu.
	Thunderstorm Warning	Day 1 (01.06.2022) & Day 2 (02.06.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area.

SALEM

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Jasmine	Vegetative	Due to prevailing weather alternaria leaf spot incidence may occur in jasmine. To control, spray foliar application of mancozeb @ 2.5 g/l at monthly interval.
Coconut	General	The coconut rugose spiraling whitefly Can be managed byRelease of Encarsiaparasitoids @ 100 parasitoids /ac (10 leafbits/ac)Installation of yellow sticky traps (5 ft. x 1.5 ft.) smeared with castor oil @ 5/ acRelease of predator, Chrysoperla eggs @ 500/ac in young palmsPesticide holiday' must be declared to conserve the natural enemies fauna.
Paddy	Vegetative	In paddy for the management of brown planthopper Spray Buprofezin 25% SC 800 ml/ha or Chlorantranilprole 18.5% SC 150 g/ha orFipronil 5% SC 1000-1500 ml/ha Or Imidacloprid 17.8 SL 100-125 ml/ha.
Vegetables	General	Application of micro nutrients to vegetable crops may give good results. Farmers are advised to apply micronutrients to the vegetable crops through fertigation or foliar spray during the flowering to fruiting stage.
Paddy	Vegetative	Due to prevailing weather condition leaf folder infestation identified in paddy crop. To manage the leaf folderRelease
Livestock	Sheep and Goat	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ecto - parasites in sheep and goats.
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 ormancozeb 2.5 g/l with sticking agent @ 1 ml / lit at 10-15 days interval.
Livestock	General	Considering the temperature, artificial insemination to animals can be done in morning before 11am after cooling the animals by bathing.
Livestock	General	Flea bite in livestock leads to allerg reaction all over body. treatment for this apply mixer of betel vine leaves ,salt, pepper paste below the tonque.

NAMAKKAL

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Heavy rain with thunderstorm and lightning likely to occur at isolated places over the district.		
Livestock	General	Control of aflatoxin Aflatoxins are produced by fungi. Aflatoxins present in animal feeds not only affect the productivity but also impair the health of animals particularly affects the immune system, liver function, reproductive efficiency including abortions. Besides, it is carcinogenic in nature. Aflatoxin B1is common in maize grain and groundnut cake. Aflatoxin B1 present in feed is transferred to milk as aflatoxin M1 thereby affects the human health. The aflatoxins are not destroyed by cooking / sun drying. The maximum permissible level of aflatoxin B1 in feeds is 20 ppb as per Bureau of Indian Standards. Prevention / control of aflatoxin

		<p>Strict control of Aflatoxin B1 level in feed ingredients is required in order to minimize the level of Aflatoxin M1 in milk and milk products.</p> <p>Avoid the cultivation of groundnut continually in the same land.</p> <p>Postpone the harvesting of crops like maize and groundnut during rainy season. Stagnation of water in the field for longer period as well as premature harvesting of crops also disposes to aflatoxin contamination.</p> <p>The maize grain and groundnut pods should be dried as quickly as possible after harvesting and the moisture content should be less than 11 % before storage.</p> <p>Avoid storage of damaged, broken grains as well as insect damaged grains which are susceptible for fungal growth. Periodically check the moisture content if stored for longer periods.</p> <p>Store the raw materials on wooden pallets or crates and away from the walls to prevent moisture migration from the floor and walls.</p> <p>Proper drying and storage of groundnut straw and maize stover is important to prevent aflatoxin toxicity.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Groundnut	Vegetative stage	Farmers are advised to apply gypsum @ 400 kg / hectare at 45 days after sowing of groundnut to improve the yield of groundnut under calcium deficient soil.
Advisory in case of Heavy Rainfall		
Tapioca	Tuber formation stage	No effect. Proper drainage should be arranged anticipating heavy rainfall.
Cucurbitaceous vegetables	Flowering and Fruiting stage	Due to excess water, wilt disease may occur. Soil drainage should be provided, Foliar spraying of NPK 19:19:19 should be taken after rainfall.
Advisory in case of High winds		
Banana	Flowering and Fruiting stage	Breakage of pseudostem in banana tree may occur due to strong winds. Proper support with bamboo stick may be given to prevent breakage of pseudo stem.

DHARMAPURI

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Dharmapuri :		
Weather		<p>Weather forecast for next five days: 01.06.2022 to 05.06.2022</p> <p>According to district forecast issued by the India Meteorological Department for Dharmapuri district, Sky will be moderate cloud cover. Light to moderate rainfall is expected during next five days. Maximum temperature is expected to be around 34.0 °C to 35.0 °C. Minimum temperature is expected to be around 21.0 °C to 23.0 °C. Morning relative humidity is expected to be around 85per cent and evening relative humidity is expected to be around 50 per cent. Next 24 hour wind speed is expected to be around 8 km per hour and the wind direction will be from Southwestdirection.</p>
General	Advisory	Light to moderate is expected during next five days. Based on the local weather and crop requirement irrigation may be provided. Agriculture and horticulture Harvested produce may be stored under protective shelter.

Brinjal	Harvesting	Brinjal crop of fruit borer incidence, control measures spray Flubendiamide 20 WDG @ 7.5 g/10 litre (or) Dimethoate 30 % EC @ 7.0 ml/10 litre.
Jasmine	Harvesting	Prevailing weather, incidence of thrips in jasmine flower crops, spray Fipronil 1 ml/lit is advised.
Cow		Prevailing weather due to increasing temperature, chances for incidence of ephemeral fever in cattle's are very high. To control the fever, shade the animal under tree and feed the cattle with soaked fenugreek (50g/l) along with lemon water (1 lemon + 20L of water + 200g of jaggery + 50g baking soda + 50g of salt).

KRISHNAGIRI

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Heavy rain with thunderstorm and lightning likely to occur at isolated places over the district.		
Livestock	General	<p>Control of aflatoxin Aflatoxins are produced by fungi. Aflatoxins present in animal feeds not only affect the productivity but also impair the health of animals particularly affects the immune system, liver function, reproductive efficiency including abortions. Besides, it is carcinogenic in nature. Aflatoxin B1 is common in maize grain and groundnut cake. Aflatoxin B1 present in feed is transferred to milk as aflatoxin M1 thereby affects the human health. The aflatoxins are not destroyed by cooking / sun drying. The maximum permissible level of aflatoxin B1 in feeds is 20 ppb as per Bureau of Indian Standards.</p> <p>Prevention / control of aflatoxin Strict control of Aflatoxin B1 level in feed ingredients is required in order to minimize the level of Aflatoxin M1 in milk and milk products. Avoid the cultivation of groundnut continually in the same land. Postpone the harvesting of crops like maize and groundnut during rainy season. Stagnation of water in the field for longer period as well as premature harvesting of crops also disposes to aflatoxin contamination. The maize grain and groundnut pods should be dried as quickly as possible after harvesting and the moisture content should be less than 11 % before storage. Avoid storage of damaged, broken grains as well as insect damaged grains which are susceptible for fungal growth. Periodically check the moisture content if stored for longer periods. Store the raw materials on wooden pallets or crates and away from the walls to prevent moisture migration from the floor and walls. Proper drying and storage of groundnut straw and maize stover is important to prevent aflatoxin toxicity.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Groundnut	Vegetative stage	Farmers are advised to apply gypsum @ 400 kg / hectare at 45 days after sowing of groundnut to improve the yield of groundnut under calcium deficient soil.
Advisory in case of Heavy Rainfall		
Tapioca	Tuber formation stage	No effect. Proper drainage should be arranged anticipating heavy rainfall.

Cucurbitaceous vegetables	Flowering and Fruiting stage	Due to excess water, wilt disease may occur. Soil drainage should be provided, Foliar spraying of NPK 19:19:19 should be taken after rainfall.
Advisory in case of High winds		
Banana	Flowering and Fruiting stage	Breakage of pseudostem in banana tree may occur due to strong winds. Proper support with bamboo stick may be given to prevent breakage of pseudo stem.

KARAIKAL

Weather based Agro-Advisories.

To prevent early shedding of buds and squares in cotton spray 40 ppm NAA 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.

To control mealy bug in cotton spray neem oil 2 % or NSKE 5 % or Buprofezin 25 SC @ 2 ml/ litre.

SMS: Dry weather is expected for next few days. Hence, farmers may irrigate their crops.

PUDUCHERRY

Weather based Agro-Advisories.

Crop	Stage/Particulars	Agro 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.
		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	Fruiting stage	To control spiraling whitefly in coconut, spray water forcibly and set up yellow sticky trap @ 8 numbers /ac. In severe cases, spray neem oil 0.5 %+ tween 80 (0.005%).
Gourds	Flowering stage	Spray ethrel @ 100 ppm in snake gourd and bitter gourd and @ 250 ppm in ribbed gourd, four times commencing from 15th day after sowing at weekly intervals to increase female flowers.

SMS: Light to moderate rain is expected on 28th, 29th and 31st May. Hence, farmers may postpone irrigation.

BLOCK LEVEL FORECAST

CHENNAI DISTRICT

CHENNAI BLOCK

General Advisory:

From extended range forecast Below normal rainfall and Normal maximum temperature & minimum temperature expected for the period of 05.06.2022 to 11.06.2022 over Tamil Nadu.

SMS Advisory:

(01.06.2022-02.06.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu,

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	1. During summer season due to heat load there might be a temporary loss of appetite in dairy cattle. To prevent the decline of milk production due to lower feed intake the animals may be provided with succulent high moisture (70-80%) containing green fodder. 2. Provision of high protein concentrate feed to dairy cattle during noon hours in summer season adds to the heat load of heat generated during digestion. To prevent this dairy cattle must be provided with protein rich concentrate feed during night hours so that there will be less heat load and at the same time the animals will get the required amount of protein
PIG	White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing swill feed should be fed during late evening hours
RABBIT	6. 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

Poultry Specific Advisory:

Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	7. Provision of cool wholesome drinking water to poultry during summer is essential.

TIRUVANNAMALAI DISTRICT

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

General Advisory:

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be normal rainfall and temperature for the period of 5.06.2022 to 11.06.2022.

SMS Advisory:

(01.06.2022-02.06.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu,

Crop Specific Advisory:

Crop(Varieties)	Crop Specific Advisory
RICE	Since rain is anticipated, provide drainage for the transplanted rice. In the paddy planting field to apply Butachlor for weed control 2.5 litre+25 Kg sand per hectare on the third day. Raising of green manure crops like daincha, sunhump and kolinji can be done and incorporate before flowering. Algae in rice field reduces the growth of crops. To control apply 2.0 kg of copper sulphate mix with sand. Application of farm yard manure 12.5 ton / ha or compost or green leaf manure @ 6.25 ton/ ha is recommended.

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 m radius around the palms as mulch for soil moisture conservation particularly during summer season.

Live Stock Specific Advisory:

Live Stock(Varieties)	Live Stock Specific Advisory
COW	Do not permit the animals to graze on the newly emerging grasses against bacterial diseases. High wind speed of >15 km/hour. Check the stability of the shed.
GOAT	Provide deworming medicine and antidiarrhea medicine in consultation with veterinariyan.

VILLUPURAM DISTRICT

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

General Advisory:

From extended range forecast normal rainfall, minimum temperature and maximum temperature expected for the period of 05.06.2022 to 11.06.2022 over Tamil Nadu. Normally summer rain accompanied with squally wind. Therefore stacking may be given to be five months old and above banana crops.

SMS Advisory:

(01.06.2022-02.06.2022): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu,

Crop Specific Advisory:

Crop(Varieties)	Crop Specific 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. Alage in paddy field reduces the growth of crops. To control apply, 2.0 kg of copper sulphate mix with sand. 3. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.
SUGARCANE	Mealy bug and pokkah boeng infection identified in sugarcane crop. Mealy bug affects growth of plants and pokkah boeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l. 2. Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l).
GROUNDNUT	To reduce the root rot infection in groundnut treat the seeds with carbendazim or thiram @ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed and Pseudomonas fluorescens @ 10 g/kg seed

Horticulture Specific Advisory:

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Prevailing weather is favorable for shoot and fruit borer incidence in brinjal. To control remove the affected terminal shoot showing boreholes. Install pheromone trap @ 5 nos./ac or spray azadirachtin 1.0% EC 3.0 ml/lit or emamectin benzoate 5% SG 4.0g/10 liter

COCONUT	Installation of yellow sticky traps (25 Nos./ ha) on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (<i>Encarsia</i> sp.) and reintroduce parasitized pupae at emerging zones of whitefly outbreak. 3. In severe case, spray neem oil 20 ml/l of water or spray Azadirachtin 2.0 ml/l of water with 1.0 ml of sticking agent
CHILLI	prevailing weather is favorable for root rot infestation in chilli. To control spotdrench with carbendazim 1.0 g/lit.



