



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 045/2022

For the period 0830 IST, 07th June 2022 to
0830 IST, 12th June 2022

Issued on Tuesday, 07th 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 03.06.22 to 06.06.22 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **31°C – 41°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **19°C – 23°C** during the period.

Minimum temperature of range **22°C - 30°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)	06.06.22	Tamil Nadu
Isolated (One or Two Places)	03.06.22, 04.06.22 & 05.06.22	Tamil Nadu
Dry	03.06.22, 04.06.22, 05.06.22 & 06.06.22	Puducherry

Chief Amounts of Rainfall (in cms):-

03.06.22 : Perambalur (dist Perambalur) 4, Ketti (dist Nilgiris), Kumarapalayam (dist Namakkal) 3 each, Ammundi (dist Vellore), Veppur (dist Cuddalore), Kotagiri (dist Nilgiris), Ponnamaravathi (dist Pudukottai), Edapadi (dist Salem), Pechiparai (dist Kanyakumari) 2 each, Chittar (dist Kanyakumari), Andipatti (dist Madurai), Kovilpatti (dist Trichy), Kuppanampatti (dist Madurai), Karaiyur (dist Pudukottai), Vadipatti (dist Madurai) 1 each.

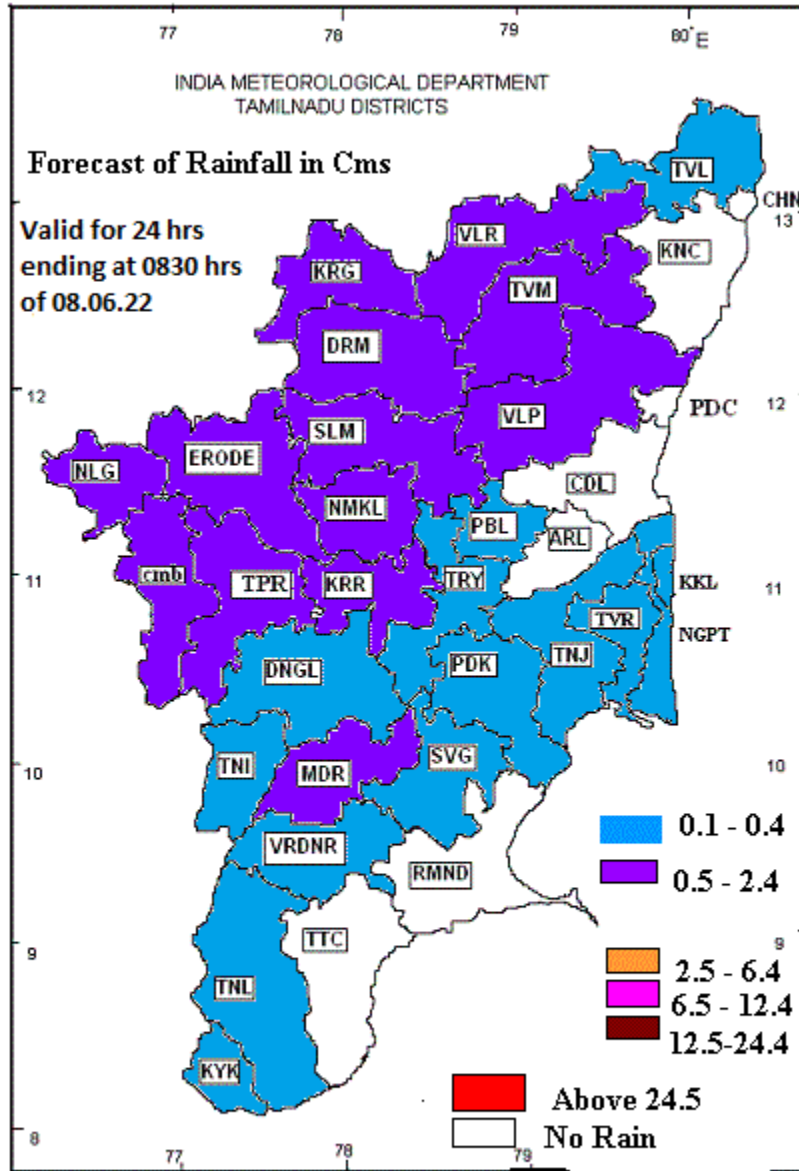
04.06.22 : Sholayar (dist Coimbatore) 4, Kovilpatti (dist Trichy), Hosur (dist Krishnagiri), Taluk Office, Krishnagiri (dist Krishnagiri) 2 Each, Dindigul (dist Dindigul), Kallandhiri (dist Madurai) 1.

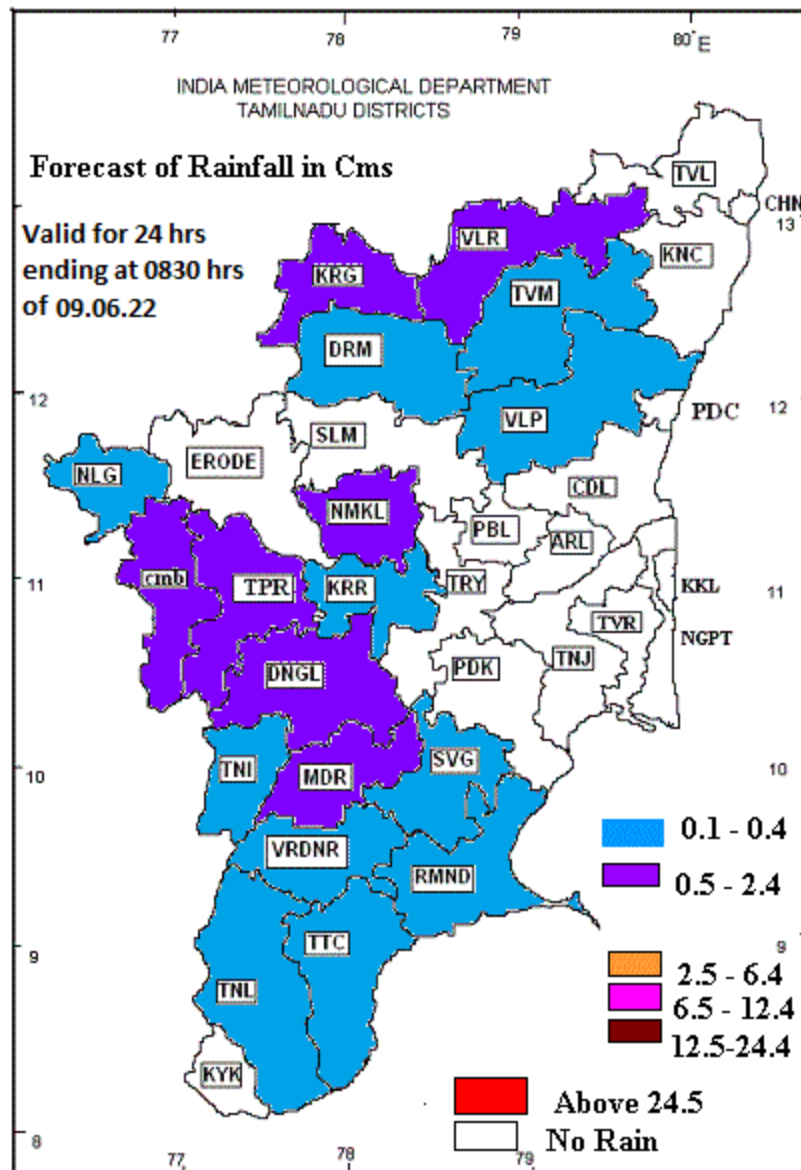
05.06.22 : Thammampatti (dist Salem), DRMS Kodaikanal (dist Dindigul) 1 each.

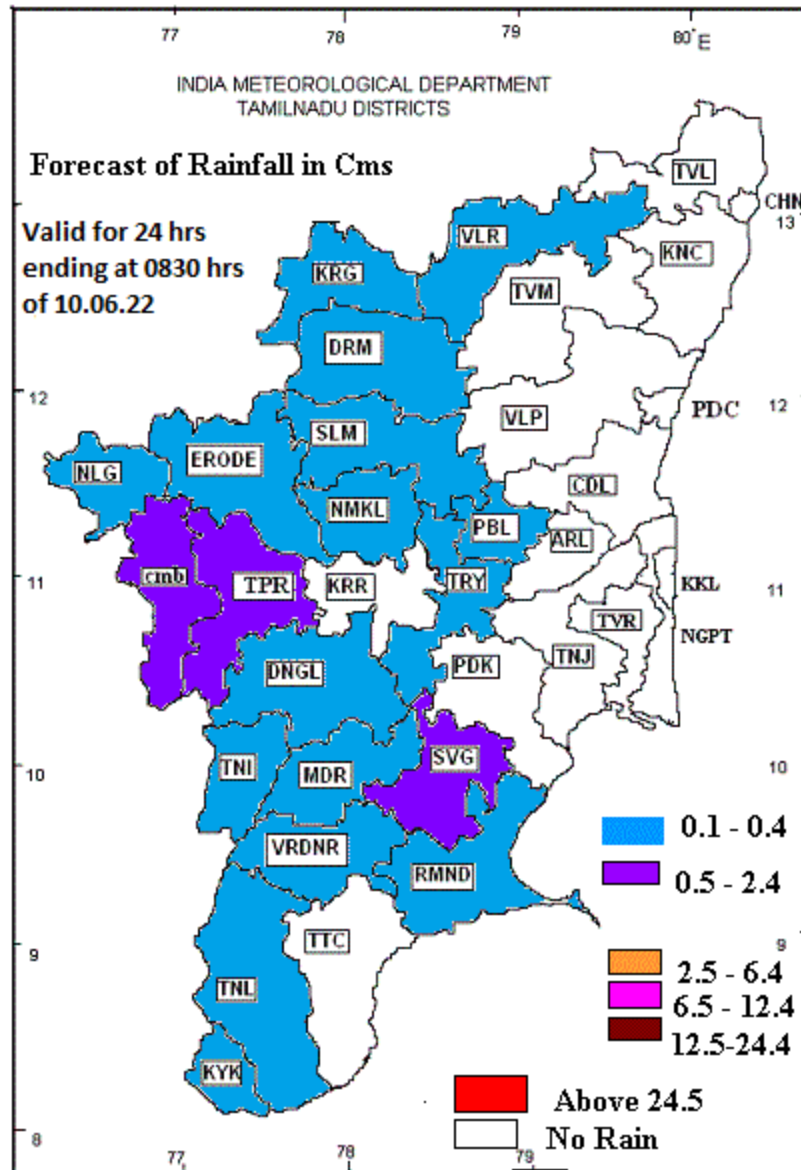
06.06.22 : Vallam (dist Thanjavur) 9, Perambalur (dist Perambalur), Adirampatnam (dist Thanjavur) Mayilampatti (dist Karur) 7 each, Attur (dist Salem), Hosur (dist Krishnagiri), Krishnagiri Taluk office (dist Krishnagiri), Karungulam (dist Thankavur), Kudumianmalai (dist Pudukottai) 6 each, Karur Paramathi (dist Karur), Namakkal Collectorate (dist Namakkal), Cherumulli (dist Nilgiris), Panchapatti (dist Karur),

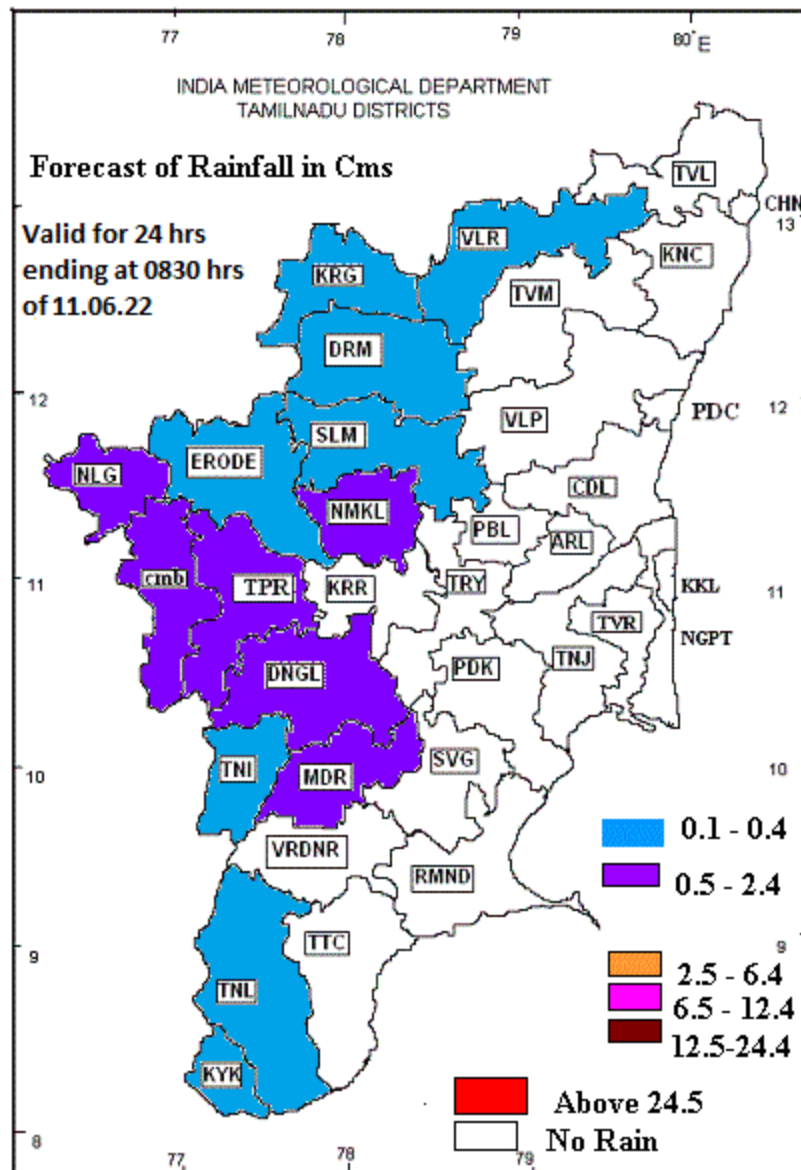
Mettur (dist Salem) 5 each, Lalgudi (dist Trichy), Karur (dist Karur), Gandarvakottai (dist Pudukkottai), Keeranur (dist Pudukkottai), Namakkal (dist Namakkal), Budalur (dist Thanjavur), Billimalai Estate (dist Nilgiris), Melalathur (dist Vellore), Vadapudupattu (dist Tirupattur), Palacode (dist Dharmapuri), Tiruchengode (dist Namakkal) 4 each, Krishnarayapuram (dist Karur), Pattukottai (dist Thanjavur), Thandarampettai (dist Tiruvannamalai), Agaram Seegoor (dist Perambalur), Chettikulam (dist Perambalur), Madukkur (dist Thanjavur), Tondi (dist Ramanathapuram), Pennagaram (dist Dharmapuri), Tirukattupalli (dist Thanjavur), Thuvakudi Imti (dist Trichy), Gudiyatham (dist Vellore) 3 each, Bhavani (dist Erode), Erode (dist Erode), Nedungal (dist Krishnagiri), Ariyalur (dist Ariyalur), Labbaikudikadu (dist Perambalur), Grand Anaicut (dist Thanjavur), Udumalpet (dist Tiruppur), Annavasal (dist Pudukkottai), Mimisal (dist Pudukkottai), Thuraiyur (dist Trichy), Orthanad (dist Thanjavur), Tirumayam (dist Pudukkottai), Edapadi (dist Salem), Annur (dist Coimbatore), Andipatti (dist Madurai), Harur (dist Dharmapuri), Mayanur (dist Karur), Devakottai (dist Sivaganga), Sendurai (dist Ariyalur), Palani (dist Dindigul), Kamatchipuram (dist Dindigul), Barur (dist Krishnagiri), Aravakurichi (dist Karur), Tiruvaiyaru (dist Thanjavur), Thammampatty (dist Salem) 2 each, Sankaridurg (dist Salem), Jayamkondam (dist Ariyalur), Devala (dist Nilgiris), Vadipatti (dist Madurai), Thanjavur (dist Thanjavur), Ponmalai (dist Trichy), Pullambadi (dist Trichy), Sholayar (dist Coimbatore), Sendamangalam (dist Namakkal), Ambur (dist Tirupattur), Ayyampettai (dist Thanjavur), Mannargudi (dist Tiruvarur), Samayapuram (dist Trichy), Perundururai (dist Erode), Veeraganoor (dist Salem), Kumarapalayam (dist Namakkal), Pelandurai (dist Cuddalore), Salem (dist Salem), Rasipuram (dist Namakkal), Vepur (dist Cuddalore), Mohanur (dist Namakkal), Puduchatram (dist Namakkal), Arimalam (dist Pudukkottai), Thali (dist Krishnagiri), Vaigai Dam (dist Theni), Thanjavur PTO (dist Thanjavur), Glenmorgan (dist Nilgiris), Manamelkudi (dist Pudukkottai), Peravurani (dist Thanjavur), Mangalapuram (dist Namakkal) 1 each.

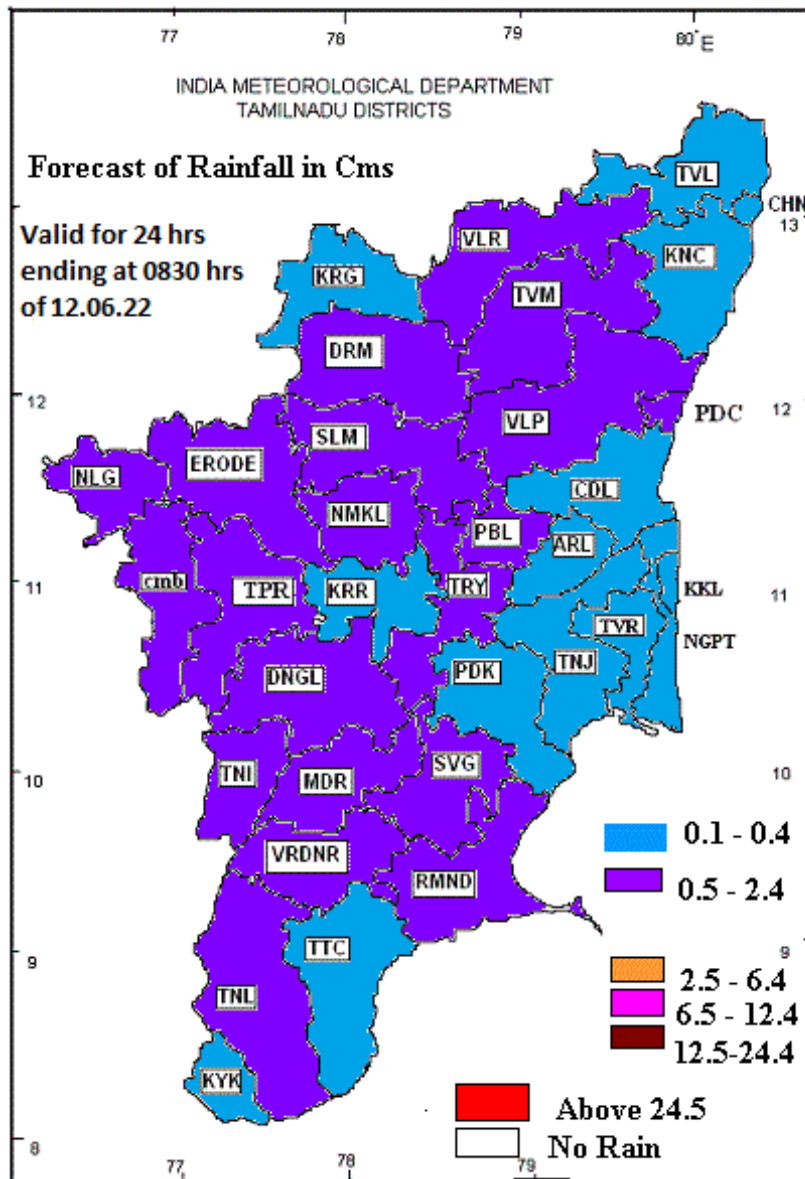
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 07.06.22
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

Chennai

SMS Advisory:

(07.06.2022): Heavy rain is likely to occur at isolated places over Tirupattur, Krishnagiri, Tiruvannamalai, Kallakurichi, Villupuram, Vellore and Ranipet districts of Tamilnadu.

Livestock Advisory

The farmers are advised to preserve rice straw after harvesting the paddy crop which has to be used as livestock feed.

The livestock especially dairy cattle, sheep and goat must not be allowed to stand in slushy and filthy area to prevent foot rot.

Egg laying poultry (layers) suffering from lice infestation must be looked into with proper attention. Dipping solution must be rubbed over the affected body parts and feathers using cloth or cotton, during Sunny part of the day

Dry fodders and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin.

Due to high humidity, Young animals may suffer from pneumonia, get veterinary doctors advice.

The weather conditions prevailing now are a conducive environment for mosquitoes & flies. Hence the farmers are advised to spray insecticides around the farm premises.

Fumigation of livestock shed by using neem and notch leaves will keep the mosquitoes and other vectors away from the animals.

Kancheepuram

As per IMD Extended Range Forecast for the period of 12.06.2022 to 18.06.2022 Tamil Nadu & Pondicherry region may likely to above normal rainfall. Farmers are advised to apply neemcake @ 100 kg /acre during last ploughing. Potash fertilizers in four equal splits at basal, tillering, panicle initiation and heading stages. Farmers are advised to irrigate their crop fields depends on the soil moisture availability.

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.
Crop(Varieties)	Crop Specific Advisory
OKRA/ LADYFINGER	There are possibilities of shoot and fruit borer insect infestation in bhendi crops. For management farmers are advised to install pheromone trap @ 5/acre.
Horticulture(Va rieties)	Horticulture Specific Advisory
BRINJAL	There are possibilities of mealybug infestation in brinjal crops. For management farmers are advised to spray Profenophos 2ml/lit of water.

BRINJAL	There are possibilities of shoot and fruit borer insect infestation in brinjal 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(Varieties)	Live Stock Specific Advisory
COW	Farmers are advised to provide salt in drinking water or feeds during this season to avoid dehydration loss in dairy animals. Farmers are advised to provide 30-50 gram of mineral mixture per animal to improve the production in dairy animals.
GOAT	Farmers are advised to provide salt lick to sheep and goat at their sheds to avoid dehydration loss and improve production in animals.
Fisheries(Varieties)	Fisheries Specific Advisory
INLAND	The forecasted weather may alter the pH level of fish and prawn ponds. For management farmers are advised to go for application of 100-200 kg of lime. During rainy days, farmers are advised to avoid the accumulation of plant debris and other organic matter along with runoff to sustain the pH variation.
COMMON FISH	The forecasted high wind speed may damage the bandh/dyke of fish/prawn ponds. To avoid, farmers may reduce the water level up to 30cm from the usual height. Due to cloudy weather condition for upcoming five days, the plankton intensity in fish ponds may sustain in fish ponds. Farmers may reduce 50 % water exchange from the original level.
ORNAMENTAL FISH	Ornamental fish growers are advised maintain sufficient level of aquatic plants in fish tanks to protect the young ones.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Farmers are advised to Provide B-Complex supplements in drinking water to poultry birds to improve production and health status in birds. Farmers are advised to vaccinate their poultry birds during early morning or late evening to stress in birds.

Villupuram

SMS Advisory:

(07.06.2022): Heavy rain is likely to occur at isolated places over Tirupattur, Krishnagiri, Tiruvannamalai, Kallakurichi, Villupuram, Vellore and Ranipet districts of Tamilnadu. Livestock Advisory:

The farmers are advised to preserve rice straw after harvesting the paddy crop which has to be used as livestock feed.

The livestock especially dairy cattle, sheep and goat must not be allowed to stand in slushy and filthy area to prevent foot rot. Egg laying poultry (layers) suffering from lice infestation must be looked into with proper attention. Dipping solution must be rubbed over the affected body parts and feathers using cloth or cotton, during Sunny part of the day

Dry fodders and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin.

Due to high humidity, Young animals may suffer from pneumonia, get veterinary doctors advice.

The weather conditions prevailing now are a conducive environment for mosquitoes & flies. Hence the farmers are advised to spray insecticides around the farm premises.

Fumigation of livestock shed by using neem and notch leaves will keep the mosquitoes and other vectors away from the animals.

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 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.

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 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.

Tiruvannamalai

SMS Advisory:

(07.06.2022): Heavy rain is likely to occur at isolated places over Tirupattur, Krishnagiri, Tiruvannamalai, Kallakurichi, Villupuram, Vellore and Ranipet districts of Tamilnadu.

Livestock Advisory:

The farmers are advised to preserve rice straw after harvesting the paddy crop which has to be used as livestock feed.

The livestock especially dairy cattle, sheep and goat must not be allowed to stand in slushy and filthy area to prevent foot rot.

Egg laying poultry (layers) suffering from lice infestation must be looked into with proper attention. Dipping solution must be rubbed over the affected body parts and feathers using cloth or cotton, during Sunny part of the day

Dry fodders and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin.

Due to high humidity, Young animals may suffer from pneumonia, get veterinary doctors advice.

The weather conditions prevailing now are a conducive environment for mosquitoes & flies. Hence the farmers are advised to spray insecticides around the farm premises.

Fumigation of livestock shed by using neem and notch leaves will keep the mosquitoes and other vectors away from the animals.

Agricultural 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.

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.

Vellore

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be above normal rainfall and normal temperature for the period of 12.06.2022 to 18.06.2022. Light to moderate rainfall may be expected on forthcoming days. Hence, farmers are advised to provide adequate drainage for crops.

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.
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(Varieties)	Live Stock Specific Advisory
COW	Secure the cows in side of cattle shed raised area to avoid flood. Do not keep the animals under the tree during raining time. Give deworming medicine liquid oxychloxanide @10 mg/1kg body weight dry animals,heifers and calves. Vaccinate livestock with FMD vaccine.
GOAT	Give good quality drinking water to the small ruminants. Give deworming liquid oxychloxanide @ 15 mg /1kg body weight. Secure the animals inside shed and raised area to avoid rain water. Vaccinate the goat and sheep with PPR vaccine.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Avoid damaged of feed due to rain. Check dropping to identify bood tinged tools(Coccidiosis).Give power amprolium (20%) 150 ml per 100 litre of drinking water.

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.

Cuddalore

From extended range forecast above normal rainfall, normal minimum temperature and maximum temperature expected for the period of 12.06.2022 to 18.06.2022 over Tamil Nadu. Farmers are advised provide proper drainage to crops and irrigate the crop based on the soil moisture.

Crop(Varieties)	Crop Specific Advisory
RICE	1. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l. 2. In paddy field black bug infestation is seen in some part of Cuddalore district. The bug sucks the sap from the base of the tillers, as a result the plants are giving “bug burn” symptoms. The earheads become chaffy. The following integrated to manage the black bug. Establish light traps to attract matured bugs. Flood the fields to kill eggs and young ones. The stubbles remaining in the field after harvest should be ploughed in situ to kill eggs of young ones. If the infestation exceeds economic threshold level (5 bugs/hill) spray acephate 625 g/ha or neem seed kernel extract 5 %. Avoid paddy cultivation with same varieties year after year.
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).
Crop(Varieties)	Crop Specific Advisory
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(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 rainfall along with wind speed @ 15 kmph is expected during this week. Irrigation may be given to the crops based on soil moisture content and apply crop residue mulch to reduce water loss through evaporation. Considering the continuous rainfall anticipated, provide drainage to all crops.
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. By utilizing the expected rainfall main field may be prepared for transplanting of rice seedlings. By utilizing received rainfall in command areas where rice is grown during August, green manure crops like Daincha or sun hemp may be grown and insitu ploughed @ 45 days after sowing.
Small millets		Considering the anticipated rainfall sowing of small millets may be taken up in the foothills of western ghats areas.
Groundnut	Vegetative	By utilizing the favourable weather, weeding may done in Irrigated Groundnut. Considering the anticipated rainfall gypsum @ 200 kg / ac may be incorporated in the 40 days old groundnut of Pollachi taluk.
Cotton	Flowering	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	Nursery	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 speed of 15 kmph is expected, propping may be done to banana crop to prevent lodging.
Turmeric		Since light rainfall is expected, irrigation may be done to all irrigated crops especially turmeric crop to get uniform germination.
Coconut		By utilizing rainfall, apply fertilizer for coconut @ 650 gm urea, 1kg SuPo4, 1kg MOP and 2kg Neem cake along with 50kg FYM. Root feeding of TNAU coconut tonic 200ml/ tree is advised for arresting button shedding in coconut. Provide inward basin in around the coconut trees to harvest rainwater 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 10 -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. Considering high relative humidity in milching animals wash the udder

		with potassium permanganate solution before and after milking to prevent udder related infections.
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SMS advisory

By utilizing rainfall in command areas, green manure crops may be sown in paddy main fields and insitu ploughed @ 45 days after sowing.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall along with wind speed @ 15 kmph is expected during this week. Irrigation may be given to the crops based on soil moisture content and apply crop residue mulch to reduce water loss through evaporation. Considering the continuous rainfall anticipated, provide drainage to all crops.
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. By utilizing the expected rainfall main field may be prepared for transplanting of rice seedlings. By utilizing received rainfall in command areas where rice is grown during August, green manure crops like Daincha or sun hemp may be grown and insitu ploughed @ 45 days after sowing.
Small millets		Considering the anticipated rainfall sowing of small millets may be taken up in the foothills of western ghats areas.
Cotton	Flowering	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	Nursery	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 speed of 15 kmph is expected, propping may be done to banana crop to prevent lodging.
Turmeric		Since light rainfall is expected, irrigation may be done to all irrigated crops especially turmeric crop to get uniform germination.
Coconut		By utilizing rainfall, apply fertilizer for coconut @ 650 gm urea, 1kg SuPo ₄ , 1kg MOP and 2kg Neem cake along with 50kg FYM. Root feeding of TNAU coconut tonic 200ml/ tree is advised for arresting button shedding in coconut. Provide inward basin in around the coconut trees to harvest rainwater 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 10 -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

		<p>receipt of last week rain.</p> <p>Considering high relative humidity in milching animals wash the udder with potassium permanganate solution before and after milking to prevent udder related infections.</p>
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SMS advisory

By utilizing rainfall in command areas, green manure crops may be sown in paddy main fields and insitu ploughed @ 45 days after sowing.

Tiruppur

Agro advisory

Crop	Stage	Advisory
General		<p>Light rainfall along with wind speed @ 15 kmph is expected during this week. Irrigation may be given to the crops based on soil moisture content and apply crop residue mulch to reduce water loss through evaporation.</p> <p>Considering the continuous rainfall anticipated, provide drainage to all crops.</p>
Rice	Sowing	<p>By utilizing is expected rainfall rice nursery preparation may be started and if already sown, maintain thin film of water to avoid seed displacement.</p> <p>By utilizing the expected rainfall main field may be prepared for transplanting of rice seedlings.</p> <p>By utilizing received rainfall in command areas where rice is grown during August, green manure crops like Daincha or sun hemp may be grown and insitu ploughed @ 45 days after sowing.</p>
Cotton	Flowering	<p>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).</p>
Tomato	Nursery	<p>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.</p>
Banana		<p>Since rainfall with wind speed of 15 kmph is expected, propping may be done to banana crop to prevent lodging.</p>
Coconut		<p>By utilizing rainfall, apply fertilizer for coconut @ 650 gm urea, 1kg SuPo₄, 1kg MOP and 2kg Neem cake along with 50kg FYM.</p> <p>Root feeding of TNAU coconut tonic 200ml/ tree is advised for arresting button shedding in coconut.</p> <p>Provide inward basin in around the coconut trees to harvest rainwater in root zone.</p>
Animal		<p>Rainfall with thunderstorm is expected. Protect the animal properly. Safeguard the dry feed from rain and moisture.</p> <p>Since Wind speed of 10 -15 km is expected along with rainfall, provide adequate care to the animal sheds.</p> <p>Do not allow the animals to graze on newly grown grasses, due to the receipt of last week rain.</p> <p>Considering high relative humidity in milching animals wash the udder</p>

		with potassium permanganate solution before and after milking to prevent udder related infections.
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SMS advisory

By utilizing rainfall in command areas, green manure crops may be sown in paddy main fields and insitu ploughed @ 45 days after sowing.

Dindigul

Extended range Forecast for next week (10th – 16th June 2022): Rainfall: As per extended range predictions, there is possibility of slightly below normal rainfall likely during the subsequent week. 10 to 16 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. 10 to 16 June 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 26°C over the district during next week. 10 to 16 June 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at isolated places over Tamilnadu on 8 & 9 June 2022. Keep your Livestock / Animals safely in the shelters. To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals. Chances of light rain during 8, 9, 10, 11 Jun & Moderate on 12 Jun. Max temp-36°C & Min temp -24°C-25°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SW direction.

Crop(Varieties)	Crop Specific Advisory
MAIZE	The application of appropriate micronutrients will rectify the nutrient deficiency in Maize Cultivation. Farmers who have planted maize recently can apply 5kg of Millet nutrient mixture or 10Kg of ZnSo4 /acre. Also, apply Farm Yard Manure along with 2kgs of Azospirillum and 2kgs of Phosphobacteria per acre.
Crop(Varieties)	Crop Specific Advisory
MAIZE	Due to the prevailing weather condition, the incense of Fall Armyworm was noticed in Maize fields. It spreads widely in the field. The larvae feed on the young growing shoots resulting in heavy shoot damage. To control this install Pheromone trap @ 5Nos per acre. Also, erect bird perches @ 10Nos. per acre. Add Metarhizium Anisopliae or Beauveria Bassiana @ 70gms or 70ml per 10 litres of water with Jaggery @ 50gms and Sticky agent @ 10ml, stir well and remove the nozzle and spray the solution on the top of the shoot during the non-rainy days. Or using the chemical method, spray the following insecticides Emamectin benzoate 5SG @ 10gm (Promactin) and Permethrin @ 25ml + 10ml Sticky agent with 10 litres of water, stir well and spray the solution on the top of the shoot during the non-rainy days.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Farmers are advised to de-worm the goats/lamb/sheep (animals) for Tapeworm and Roundworm enrage. And also, de-worm the young animals, once in every month and it should be done up to 6th month. After that, deworming should be followed once in three months, ie., before the onset of monsoon rain, during monsoon rain and 2 doses of deworming after the monsoon.

Madurai

Extended range Forecast for next week (10th – 16th June 2022): Rainfall: As per extended range predictions, there is possibility of slightly below normal rainfall likely during the subsequent week. 10 to 16 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. 10 to 16 June 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 26°C over the district during next week. 10 to 16 June 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at isolated places over Tamilnadu on 8 & 9 June 2022. Keep your Livestock / Animals safely in the shelters. To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals. Chances of Moderate rain during 8, 9, 11, 12 Jun & light on 10 Jun. Max temp-36°C & Min temp -24°C-25°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SW direction.

Crop(Varieties)	Crop Specific Advisory
COTTON	Since rainfall is expected in the coming weeks, proper drainage may be provided to both rainfed and irrigated cotton crops. To avoid the flower shedding, spray NAA @40 PPM during 60 - 90 days after sowing. (40 mg of NAA dissolved in 1 litre of water will give the concentration of 40 PPM). To arrest the terminal growth nipping the terminal portion of the main stem beyond the 15th node should be done.
BLACK GRAM	For pulses (Blackgram crop), foliar spray of 1% urea may give a better result for improved yield. Foliar spray of 1% Urea on the 30th and 45th day after sowing is recommended. Or foliar spray of 2% DAP can be given to the Blackgram crop.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Farmers are advised to de-worm the goats/lamb/sheep (animals) for Tapeworm and Roundworm enrage. And also, de-worm the young animals, once in every month and it should be done up to 6th month. After that, deworming should be followed once in three months, i.e., before the onset of monsoon rain, during monsoon rain and 2 doses of deworming after the monsoon.

Pudukottai

Extended Range Forecast For Tamil Nadu 12 .06.2022 to 18 .06.2022. During the Week from 12 th to 18 th june Rainfall Above Normal . Maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu. There is no sufficient rainfall for the forthcoming days. Irrigation should be given to fruit trees, Spices, Vegetables and other horticultural crops.

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	Due to the prevailing weather conditions cercospora leaf spot was found in vaikasi sown. Symptom : Small chlorotic spots appear on leaflets, with time they enlarge and turn brown to black and assume sub circular shape on upper leaf surface. On lower surface of leaves light brown colouration is seen. Lesions also appear on petioles, stems, stipules. Therefore, in case of disease, spray Chlorothalnil at the rate of 2 gm per liter of water.

RICE	Farmers who have been cultivating kuruvai season paddy have been able to control the pests that attack the paddy crop by cultivating pulses as a range crop and wendy as a vegetable crop. The life cycle of pests is affected and controlled by cultivating as a fallow crop. In addition, cultivating sunflower and centipede crops, which can produce yellow flowers, can attract and control pests that attack the primary crop. And these crops provide additional income and improve the economy.
RICE	Due to the prevailing cloudy weather conditions there will be occurrence Kuruvai season Paddy nursery Blast and Brown Spots in kuruvai season paddy If symptoms appear, mix 2 g of tricyclazole per liter of water and spray.
JASMINE	Jasmine Flowering stage Soil drenching with Trifloxystrobin + Tebuconazole @ 0.75 g/litre or Difenconazole @ 0.5g/l to control the root rot.
Horticulture(Varieties)	Horticulture Specific Advisory
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.
BANANA	As 20 km/hr wind speed is anticipated, it is advised to provide staking to Banana and newly planted horticultural plants.
TAPIOCA	Due to cloudy Weather micronutrient deficiency may occur in Tapioca under calcareous soils. Hence, spray 1% ferrous sulphate + 1% Magnesium sulphate + 0.1% urea solution under enough soil moisture condition
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Prevailing weather is favorable for skin infection and disease transmission in livestock. So, contact the nearby veterinarian and take his advice. Animals should not be allowed to walk long distances while grazing. A high amount of green fodder and concentrate should be provided to livestock. Increase the feeding frequency of the livestock.
GOAT	Prevailing weather conditions for Enterotoxemia, vaccination the young Goat/growing kids at 6 th month, vaccinate the animals once in a year before the onset of monsoon and at the time of Lambing stage of Goat
Poultry(Varieties)	Poultry Specific Advisory
CHICK	As the wind speed will be high, the poultry farmers having raised platform sheds should be careful in avoiding feed wastage. High wind speed is expected during next two ensuing months. Addition of vegetable oil in small quantities and using of side hangings will prevent wastage of feed particularly loss of valuable supplements like vitamins.

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Due to high wind speed there will be increased impact of flies on livestock huts. Clean the hut thoroughly and spray with potassium permanganate solution three times a day.
GENERAL ADVICE	Farmers are advised to apply 200 kg of well decomposed farm yard manure along with each 1 kg of trichoderma viride and pseudomonas fluorescens per acre before sowing of vaikasi sown vegetable crops.

Ramanathapuram

Due to prevailing weather condition favourable 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. From extended range forecast, Above Normal rainfall, Normal maximum temperature and Normal minimum temperature expected for the period of June 12 to June 18 over Tamil Nadu.

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to the prevailing weather condition incidence of mealy bug is expected in cotton. The damage symptoms are heavy clustering of mealy bugs usually seen under surface of leaves as a thick mat with waxy secretion and excrete copious amount of honey dew on which the fungus sooty mould grow Affected plants appear sick and black, resulting reduced fruiting capacity. If symptoms are observed in cotton field apply neem oil 2% or fish oil rosin soap 25g/liter of water or Profenophos 800ml/ac.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Due to prevailing weather condition, cattle are affected with tiredness, so that the cattle growers are advised to feed their calf with 30gms of mineral mixture per day. Also, deworm your calf in regular schedule with the support of nearby veterinarian.

Sivagangai

Extended range Forecast for next week (10th – 16th June 2022): Rainfall: As per extended range predictions, there is possibility of slightly below normal rainfall likely during the subsequent week. 10 to 16 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. 10 to 16 June 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 26°C over the district during next week. 10 to 16 June 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at isolated places over Tamilnadu on 8 & 9 June 2022. Keep your Livestock / Animals safely in the shelters. To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals. Chances of light rain during 8, 9, 10 Jun & Moderate on 12 Jun. Max temp-36°C & Min temp -24°C-25°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SW direction.

Horticulture(Varieties)	Horticulture Specific Advisory
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PAPAYA	Farmers are advised to follow the fertigation technique in Pappaya cultivation. Apply 10 litres of water per day + 13½ gm Urea and 10½ gm Murea of potash per week through drip irrigation. Soil application of Superphosphate @ 300gm per plant at bimonthly intervals starting from 3-4 months after planting and immediately after thinning of plants is recommended.
CHILLI	The prevailing weather condition is suitable for nursery raising for chilly cultivation. Treat the seeds with <i>Trichoderma viride</i> @ 10gms / kg and <i>Pseudomonas fluorescens</i> @ 10 g/ kg and sow in lines spaced at 10cm in raised nursery beds and cover with sand. Watering with flower watering cans should be done daily. Drench the nursery with Copper oxychloride @ 2.5 gm/litre of water at 15 days intervals against damping-off disease.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Farmers are advised to de-worm the goats/lamb/sheep (animals) for Tapeworm and Roundworm enrage. And also, de-worm the young animals, once in every month and it should be done up to 6th month. After that, deworming should be followed once in three months, i.e., before the onset of monsoon rain, during monsoon rain and 2 doses of deworming after the monsoon.

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Extended range Forecast for next week (10th – 16th June 2022): Rainfall: As per extended range predictions, there is possibility of slightly below normal rainfall likely during the subsequent week. 10 to 16 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. 10 to 16 June 2022. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 26°C over the district during next week. 10 to 16 June 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at isolated places over Tamilnadu on 8 & 9 June 2022. Keep your Livestock / Animals safely in the shelters. To safeguard your animals from lightning and thunderstorm, remove the metal bells tied to the necks of animals. Chances of light rain on 8, 11 Jun & Moderate rain on 12 Jun. Max temp-34°C-35°C & Min temp -24°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SW direction.

Crop(Varieties)	Crop Specific Advisory
OKRA/ LADYFINGER	Due to the prevailing, weather condition, the incidence of Fruit borer is expected in Bhendi. The symptoms of damage are, bore holes in fruits, terminal shoots withering and drooping, shedding of buds and flowers, and deformed fruits. To control this, spray <i>Bacillus thuringiensis</i> (Bt) Kurstaki @ 60ml with 100 litres of water per acre.
JASMINE	Micronutrient deficiency is noticed in Jasmine flower fields. The application of well-composted manure in the jasmine field will give effective results. Farmers are advised to apply Farm Yard Manure @ 10kg per pit before planting. NPK @ 60:120:120 gm/plant/year should be applied in two equal splits during June-July and November (after pruning) along with well-composted Farm Yard Manure @ 5-7kgs per plant.
Live Stock(Varieties)	Live Stock Specific Advisory

GOAT	Farmers are advised to de-worm the goats/lamb/sheep (animals) for Tapeworm and Roundworm enrage. And also, de-worm the young animals, once in every month and it should be done up to 6th month. After that, deworming should be followed once in three months, i.e., before the onset of monsoon rain, during monsoon rain and 2 doses of deworming after the monsoon.
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Virudhunagar

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Very light light rainfall is predicted on day 1 (08.06.2022) to day 3 (10.06.2022) and day 5 (12.06.2022). Irrigate the crop. However, irrigation may be planned based on the regular monitoring of meghdoot software for 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 based on the receipt of rainfall.
Agricultural/ Horticultural crops	Spraying/ Fertilizer	Based on the local weather prevail, spraying of chemicals and fertilizer application may be done.
Dry land		Farmers are requested to practice the summer ploughing based on the receipt of rainfall.
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	Square formation and boll development stage	Prevailing weather condition favours the crop relation build-up of sucking insects like leaf hopper, thrips, whitefly and mealy bug in cotton. To manage the pest, spray Flonicamid 15% WG @60g/acre. Repeat the dose, 15 days after first spraying if needed.
Mango	Fruiting stage and harvest stage	Prevailing weather condition favours Mango anthracnose: This is a fungal disease. It causes leaf spot, blight die back, blossom blight and fruit rot. This pathogen affects the crop both at field and storage conditions also. Management: 1. Spray carbendazin + mancozeb (0.2%). 2. If severity is high repeat the spray at 15 days interval. 3. Before storage treat the fruits with hot water (50-55°C) for 15 minutes.

SMS: Rain: 08-10&12.06-3,2,2&6 mm. Irrigation, spraying may be given for next five days. Cotton - sucking insects- spray Flonicamid 15% WG @60g/acre.

Tamil Nadu
The Northern Limit of Monsoon (NLM) continues to pass through Lat. 15°N/ Long. 60°E, Lat. 15°N/ Long. 70°E, Karwar, Chikmagalur, Bengaluru, Dharmapuri, Lat. 10°N/ Long. 80°E, Lat. 11.0°N/ Long. 83°E, Lat.14.0°N/Long.86°E, Lat.22.0°N/90°E, Lat.25.0°N/89°E, Siliguri and 27.50°N/88°E. Yesterday's cyclonic

<p>circulation over Eastcentral Bay of Bengal now lies over Southeast Bay of Bengal between 5.8 km & 7.6 km above mean sea level. Yesterday's trough from Eastcentral Bay of Bengal to south Sri Lanka now runs from Eastcentral Bay of Bengal to Southwest Bay of Bengal off Tamilnadu coast between 3.1 km & 4.5 km above mean sea level. Yesterday's trough from the cyclonic circulation over East Uttar Pradesh to Coastal Andhra Pradesh now runs from this cyclonic circulation over central parts of Uttar Pradesh to Rayalaseema across East Madhya Pradesh, Vidarbha and Telangana at 0.9 km above mean sea level.</p>		
Next five days	Weather warning	<p>Light to moderate rain is likely to occur at many places with isolated Thunderstorm over Tamilnadu, Puducherry and Karaikal area on Day 1 (08.06.2022).</p> <p>Heavy rain is likely to occur at isolated places over Tirupattur, Erode, Krishnagiri, Dharmapuri, Salem, Tiruvannamalai, Kallakurichi, Villupuram, Vellore and Ranipet districts on Day 1 (08.06.2022).</p> <p>Light to moderate rain is likely to occur at a few places with isolated Thunderstorm over Tamilnadu, Puducherry and Karaikal area on Day 2 (09.06.2022).</p> <p>Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 3 (10.06.2022) and Day 4 (11.06.2022).</p> <p>Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area on Day 5 (12.06.2022).</p>
	Heavy Rainfall Warning	Day 1(07.06.2022): Heavy rain is likely to occur at isolated places over Tirupattur, Erode, Krishnagiri, Dharmapuri, Salem, Tiruvannamalai, Kallakurichi, Villupuram, Vellore and Ranipet districts of Tamilnadu.
	Thunderstorm Warning	Day 1 (08.06.2022) & Day 2(09.06.2022): 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	<p>Light rainfall is predicted for next five days. <i>Postpone the irrigation.</i> However, irrigation may be planned based on the regular monitoring of weather forecast as South West monsoon started.</p> <p><i>Proper drainage channel may be provided to avoid crop lodging.</i></p>
Green manure		Sow green manure crop around the tree crops to conserve soil moisture.
Agricultural/ Horticultural crops	Spraying/ Fertilizer	<i>Spraying of chemicals may be avoided for the next five days.</i>
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	Panicle emergence stage	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 Tillering 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 -Acetamidiprid ^[1] _{SEP} 20% SP 100 g/ha (or) Chlorpyriphos 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: 08-12.06-2,1,2,3&10 mm. Irrigation, Spraying may be avoid. Cotton- **white fly-spray** Acetamidiprid^[1]_{SEP}20% SP 100 g/ha (or) Chlorpyriphos 20% EC 1250 ml/ha .

Tamil Nadu		
The Northern Limit of Monsoon (NLM) continues to pass through Lat. 15°N/ Long. 60°E, Lat. 15°N/ Long. 70°E, Karwar, Chikmagalur, Bengaluru, Dharmapuri, Lat. 10°N/ Long. 80°E, Lat. 11.0°N/ Long. 83°E, Lat.14.0°N/Long.86°E, Lat.22.0°N/90°E, Lat.25.0°N/89°E, Siliguri and 27.50°N/88°E. Yesterday's cyclonic circulation over Eastcentral Bay of Bengal now lies over Southeast Bay of Bengal between 5.8 km & 7.6 km above mean sea level. Yesterday's trough from Eastcentral Bay of Bengal to south Sri Lanka now runs from Eastcentral Bay of Bengal to Southwest Bay of Bengal off Tamilnadu coast between 3.1 km & 4.5 km above mean sea level. Yesterday's trough from the cyclonic circulation over East Uttar Pradesh to Coastal Andhra Pradesh now runs from this cyclonic circulation over central parts of Uttar Pradesh to Rayalaseema across East Madhya Pradesh, Vidarbha and Telangana at 0.9 km above mean sea level.		
Next five days	Weather warning	Light to moderate rain is likely to occur at many places with isolated Thunderstorm over Tamilnadu, Puducherry and Karaikal area on Day 1 (08.06.2022). Heavy rain is likely to occur at isolated places over Tirupattur, Erode, Krishnagiri, Dharmapuri, Salem, Tiruvannamalai, Kallakurichi, Villupuram, Vellore and Ranipet districts on Day 1 (08.06.2022). Light to moderate rain is likely to occur at a few places with isolated Thunderstorm over Tamilnadu, Puducherry and Karaikal area on Day 2 (09.06.2022). Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 3 (10.06.2022) and Day 4 (11.06.2022). Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area on Day 5 (12.06.2022).
	Heavy Rainfall Warning	Day 1(07.06.2022): Heavy rain is likely to occur at isolated places over Tirupattur, Erode, Krishnagiri, Dharmapuri,

		Salem, Tiruvannamalai, Kallakurichi, Villupuram, Vellore and Ranipet districts of Tamilnadu.
	Thunderstorm Warning	Day 1 (08.06.2022) & Day 2(09.06.2022): 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	<i>No rainfall is predicted for next five days.</i> However, irrigation may be planned based on the regular monitoring of weather forecast as South West monsoon started. <i>Proper drainage channel may be provided to avoid crop lodging.</i>
Agricultural/ Horticultural crops	Spraying/ Fertilizer	Based on the local weather prevail, spraying of chemicals and fertilizer application may be done.
Irrigated condition	Pre sowing operation	As the south west monsoon started, farmers are advised to plan for sowing/ transplanting
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.
Moringa	All the stages	As wind speed is high, agronomic practices such as Pinching and earthing up may be followed. Pinching the terminal bud on the central leader stem is necessary when it attains a height of 75cm (two months after sowing). Earthing up of the soil at the base of the tree is useful to give it the strength. It has also been reported that spraying of Gibberellic acid @ 20 ppm on 90 th day of sowing increased all the pod characters,

SMS: Rain: 09&10.06-2&1 mm. Irrigate the crop & Spraying may be given. Moringa- Pinching at 60 DAS, earthing up and spraying of Gibberellic acid @ 20 ppm on 90th DAS may be followed.

Tamil Nadu
The Northern Limit of Monsoon (NLM) continues to pass through Lat. 15°N/ Long. 60°E, Lat. 15°N/ Long. 70°E, Karwar, Chikmagalur, Bengaluru, Dharmapuri, Lat. 10°N/ Long. 80°E, Lat. 11.0°N/ Long. 83°E, Lat.14.0°N/Long.86°E, Lat.22.0°N/90°E, Lat.25.0°N/89°E, Siliguri and 27.50°N/88°E. Yesterday's cyclonic circulation over Eastcentral Bay of Bengal now lies over Southeast Bay of Bengal between 5.8 km & 7.6 km above mean sea level. Yesterday's trough from Eastcentral Bay of Bengal to south Sri Lanka now runs from Eastcentral Bay of Bengal to Southwest Bay of Bengal off Tamilnadu coast between 3.1 km & 4.5 km above mean sea level. Yesterday's trough from the cyclonic circulation over East Uttar Pradesh to Coastal Andhra Pradesh now runs from this cyclonic circulation over central parts of Uttar Pradesh to Rayalaseema across

East Madhya Pradesh, Vidarbha and Telangana at 0.9 km above mean sea level.		
Next five days	Weather warning	<p>Light to moderate rain is likely to occur at many places with isolated Thunderstorm over Tamilnadu, Puducherry and Karaikal area on Day 1 (08.06.2022).</p> <p>Heavy rain is likely to occur at isolated places over Tirupattur, Erode, Krishnagiri, Dharmapuri, Salem, Tiruvannamalai, Kallakurichi, Villupuram, Vellore and Ranipet districts on Day 1 (08.06.2022).</p> <p>Light to moderate rain is likely to occur at a few places with isolated Thunderstorm over Tamilnadu, Puducherry and Karaikal area on Day 2 (09.06.2022).</p> <p>Light to moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 3 (10.06.2022) and Day 4 (11.06.2022).</p> <p>Light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry and Karaikal area on Day 5 (12.06.2022).</p>
	Heavy Rainfall Warning	Day 1(07.06.2022): Heavy rain is likely to occur at isolated places over Tirupattur, Erode, Krishnagiri, Dharmapuri, Salem, Tiruvannamalai, Kallakurichi, Villupuram, Vellore and Ranipet districts of Tamilnadu.
	Thunderstorm Warning	Day 1 (08.06.2022) & Day 2(09.06.2022): 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 Chlorantraniliprole 18.5% SC 150 g/ha or Fipronil 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
Livestock	General	With the onset of monsoon, the day temperature will drop and in turn livestock productivity will increase. Therefore, dairy animals should be provided with green fodder, dry fodder and concentrate in balanced proportions to maintain optimal production. Farmers are advised to take their livestock to pasture in the grasslands due to the monsoon rains. All goats and sheep farmers are advised to consult the veterinarian and vaccinate their animals as there is a risk of enterotoxaemia outbreak. Due to reduced temperature in night and early morning, the young calves, kids and lambs should be given adequate protective arrangements against respiratory diseases. During the monsoon season, young and growing calves, kids and lambs should be dewormed at regular intervals as per the recommendations of veterinarian
Poultry	General	During the monsoon season, poultry farmers are advised to check the moisture and aflatoxin content of the raw materials for feed before purchasing and store them in a well-ventilated damp proof buildings. In the current climatic conditions poultry farmers are advised to make changes in feed formulations based on the suggestions of

		veterinarians to protect their birds from diseases caused by infectious organisms. During monsoon seasons, there are chances for rain water to enter into the shed and make the litter wet, which will enable the flies to breed in the chicken manure. Hence, farmers are advised to remove manure from their farms from time to time. If it is not possible, they are advised to spray drugs on the chicken manure or mix it with the chicken feed to control the growth of the larva in the manure.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Coconut	Vegetative stage	Bud rot management in coconut Due to changing of climate bud rot infestation was noticed in coconut young seedlings. To control this disease soil drenching of copper oxy chloride @ 5 gram / liter of water / plant may be undertaken.
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		General Advisory Very light to moderate is expected during next five days. Pre sowing operation -As the south west monsoon started, farmers are advised to plan for sowing. Based on the local weather prevail, spraying of chemicals and fertilizer application may be done. Farmers are requested to practice the summer ploughing based on the receipt of rainfall.
Onion	Vegetative 4 – 5 leaf stage	Prevailing weather condition is favourable for thrips pest in onion, so spraying Dimethoate 30 EC @1.3/lit or fipronil 80WG@1.5 g/10lit is advised.
Jasmine	Harvesting	Bud worm incidence in jasmine Infested flowers turn pale red in colour and they fall off from the plant. One larva attacks 2-3 buds in its life span, to control measures spray Thiochlorid 240SC @1 m.l /litre is advised.
Livestock	Cow	Prevailing weather condition incidence of mastitis in cattle is more, caused by E.coli bacteria, which results in sudden hardening of udder, decolouration of milk. Control measures in summer mastitis, make a paste of Aloe vera (200g) ,turmeric (50g) ,lime (5g) apply on the udder 8 times per day for 5 days.
		Salmonella enterocolitis is a bacterial infection in the lining of the small intestine that is caused by salmonella bacteria. It is a type of food poisoning it is very common to live stock. control measures advised to give sulpha bolus daily 2 for 3days orally.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>With the onset of monsoon, the day temperature will drop and in turn livestock productivity will increase. Therefore, dairy animals should be provided with green fodder, dry fodder and concentrate in balanced proportions to maintain optimal production. Farmers are advised to take their livestock to pasture in the grasslands due to the monsoon rains. All goats and sheep farmers are advised to consult the veterinarian and vaccinate their animals as there is a risk of enterotoxaemia outbreak. Due to reduced temperature in night and early morning, the young calves, kids and lambs should be given adequate protective arrangements against respiratory diseases. During the monsoon season, young and growing calves, kids and lambs should be dewormed at regular intervals as per the recommendations of veterinarian</p>
Poultry	General	<p>During the monsoon season, poultry farmers are advised to check the moisture and aflatoxin content of the raw materials for feed before purchasing and store them in a well-ventilated damp proof buildings. In the current climatic conditions poultry farmers are advised to make changes in feed formulations based on the suggestions of veterinarians to protect their birds from diseases caused by infectious organisms. During monsoon seasons, there are chances for rain water to enter into the shed and make the litter wet, which will enable the flies to breed in the chicken manure. Hence, farmers are advised to remove manure from their farms from time to time. If it is not possible, they are advised to spray drugs on the chicken manure or mix it with the chicken feed to control the growth of the larva in the manure.</p>
<p>Agro advisory from Krishi Vigyan Kendra, Namakkal :</p>		
Coconut	Vegetative stage	<p>Bud rot management in coconut Due to changing of climate bud rot infestation was noticed in coconut young seedlings. To control this disease soil drenching of copper oxy chloride @ 5 gram / liter of water / plant may be undertaken.</p>
<p>Advisory in case of High winds</p>		
Banana	Flowering and Fruiting stage	<p>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.</p>

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: Light rain is expected on 08th and 12th June. Hence, farmers may postpone irrigation.

Puducherry

Weather based Agro-Advisories.

Crop	Stage/Particulars	Agro Advisory
Rice	Tillering stage	To manage rice stem borer, release parasitoid <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 rain is expected on 12th June. Hence, farmers may postpone irrigation.

BLOCK LEVEL FORECAST

CHENNAI DISTRICT

Chennai Block

From extended range forecast Below Normal rainfall and Normal maximum temperature & minimum temperature expected for the period of 12.06.2022 to 18.06.2022 over Tamil Nadu. (07.06.2022): Heavy rain is likely to occur at isolated places over Tirupattur, Krishnagiri, Tiruvannamalai, Kallakurichi, Villupuram, Vellore and Ranipet districts of Tamilnadu. ive Stock(Varieties) Live Stock Specific Advisory COW The farmers are advised to preserve rice straw after harvesting the paddy crop which has to be used as livestock feed Dry fodders and feed ingredients used for the preparation of concentrate mixture should be dry and free from aflatoxin. Due to high humidity, Young animals may suffer from pneumonia, get veterinary doctors advice. GOAT The livestock especially dairy cattle, sheep and goat must not be

allowed to stand in slushy and filthy area to prevent foot rot The weather conditions prevailing now are a conducive environment for mosquitoes & flies. Hence the farmers are advised to spray insecticides around the farm premises Poultry Specific Advisory: Poultry(Varieties) Poultry Specific Advisory CHICKEN Egg laying poultry (layers) suffering from lice infestation must be looked into with proper attention. Dipping solution must be rubbed over the affected body parts and feathers using cloth or cotton, during Sunny part of the day.

TIRUVANNAMALAI DISTRICT

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

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be above normal rainfall and normal temperature for the period of 12.06.2022 to 18.06.2022. (07.06.2022): Heavy rain is likely to occur at isolated places over Tirupattur, Krishnagiri, Tiruvannamalai, Kallakurichi, Villupuram, Vellore and Ranipet districts of Tamilnadu. 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(Varieties) Live Stock Specific Advisory COW Secure the cows in side of cattle shed raised area to avoid flood. Do not keep the animals under the tree during raining time. Give deworming medicine liquid oxychloxanide @10 mg/1kg body weight dry animals,heifers and calves. Vaccinate livestock with FMD vaccine. GOAT Give good quality drinking water to the small ruminants. Give deworming liquid oxychloxanide @ 15 mg /1kg body weight. Secure the animals inside shed and raised area to avoid rain water. Vaccinate the goat and sheep with PPR vaccine. Poultry Specific Advisory: Poultry(Varieties) Poultry Specific Advisory CHICKEN Avoid damaged of feed due to rain. Check dropping to identify bood tinged tools(Coccidiosis).Give power amprolium (20%) 150 ml per 100 litre of drinking water.

VILLUPURAM DISTRICT

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

From extended range forecast above normal rainfall, normal minimum temperature and maximum temperature expected for the period of 12.06.2022 to 18.06.2022 over Tamil Nadu. (07.06.2022): Heavy rain is likely to occur at isolated places over Tirupattur, Krishnagiri, Tiruvannamalai, Kallakurichi, Villupuram, Vellore and Ranipet districts of Tamilnadu. p(Varieties) Crop Specific Advisory RICE Due to prevailing weather condition chances of thrips infestation in paddy field. Tocontrol 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 withsand.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 causes 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. (Varieties) Horticulture Specific Advisory 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 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.

