



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 027/2023

For the period 0830 IST, 03rd April 2023 to

0830 IST, 08th April 2023

Issued on Monday, 03rd April 2023

Issued by

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

Agro climatic zones of the state

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



Past Weather Summary for the period 31.03.23 to 02.04.23 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **32°C – 39°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **19°C – 21°C** during the period.

Minimum temperature of range **21°C - 29°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **09°C - 11°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)	02.04.23	Puducherry
Isolated (One or Two Places)	31.03.23, 01.04.23 & 02.04.23	Tamil Nadu
Dry	31.03.23 & 01.04.23	Puducherry

Chief Amounts of Rainfall (in cms):-

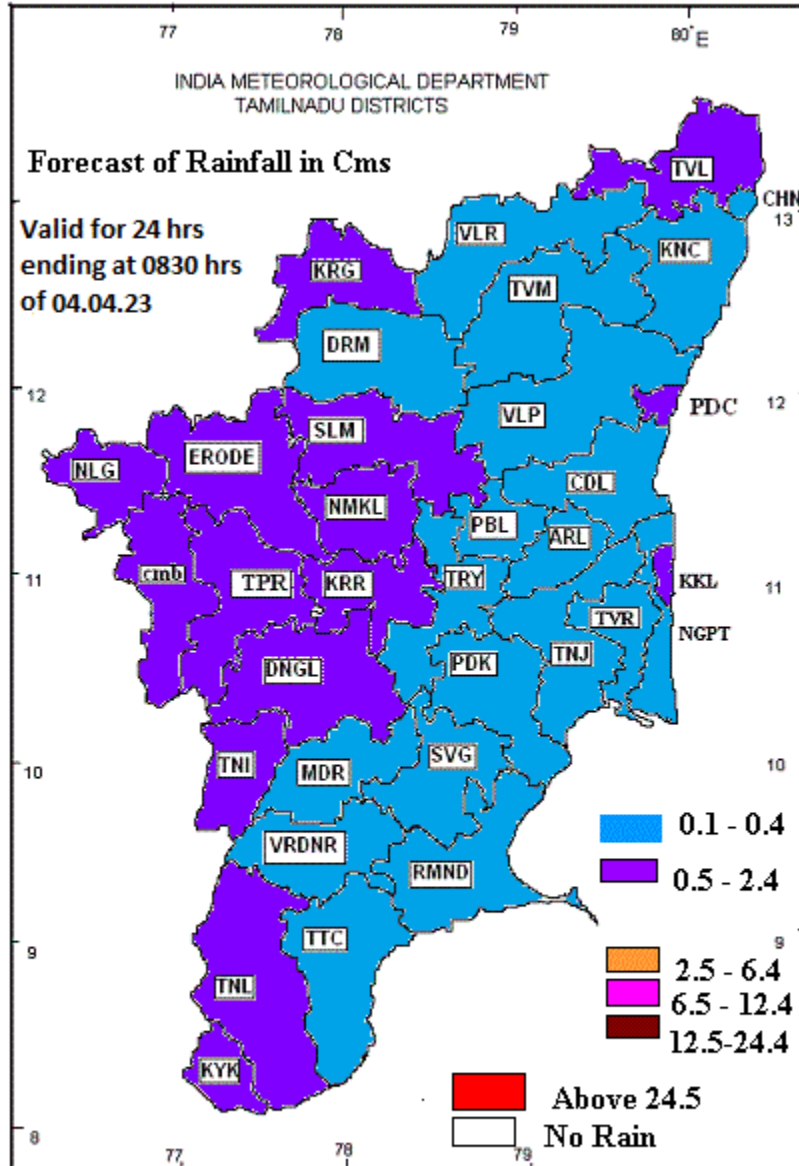
31.03.23 : Thirparappu (dist Kanyakumari) 5, Cincona (dist Coimbatore), Barwood (dist Nilgiris), Palacode (dist Dharmapuri), Pollachi (dist Coimbatore), Valparai PTO (dist Coimbatore) 4 each, Shoolagiri (dist Krishnagiri), Chinnar Dam (dist Krishnagiri), Varattupallam (dist Erode), Pechiparai (dist Kanyakumari), Sivalogam (dist Kanyakumari), Yercaud (dist Salem) 3 each, Rayakottah (dist Krishnagiri), Valparai PAP (dist Coimbatore), Chamraj Estate (dist Nilgiris), Valparai Taluk Office (dist Coimbatore), Chittar (dist Kanyakumari), Upper Gudalur (dist Nilgiris), Emeralad (dist Nilgiris), Ketti (dist Nilgiris), Periyanaickenpalayam (dist Coimbatore), Kundha Bridge (dist Nilgiris), Kodaikanal (dist Dindigul), Denkanikottai ARG (dist Krishnagiri) 2 each, Dharamapuri (dist Dharmapuri), Uthagamandalam (dist Nilgiris), Denkanikottai (dist Krishnagiri), Kodaikannal Boat Club (dist Dindigul), Sothuparai (dist Theni), Edapadi (dist Salem), Avinasi (dist Tiruppur), Manimutharu (dist Tirunelveli), Dharmapuri Pto (dist Dharmapuri), Gudalur Bazar (dist Nilgiris), Marandahalli (dist Dharmapuri), Kodanad (dist Nilgiris), Muthupet (dist Tiruvarur), Hosur (dist Krishnagiri), Naduvattam (dist Nilgiris) 1 each.

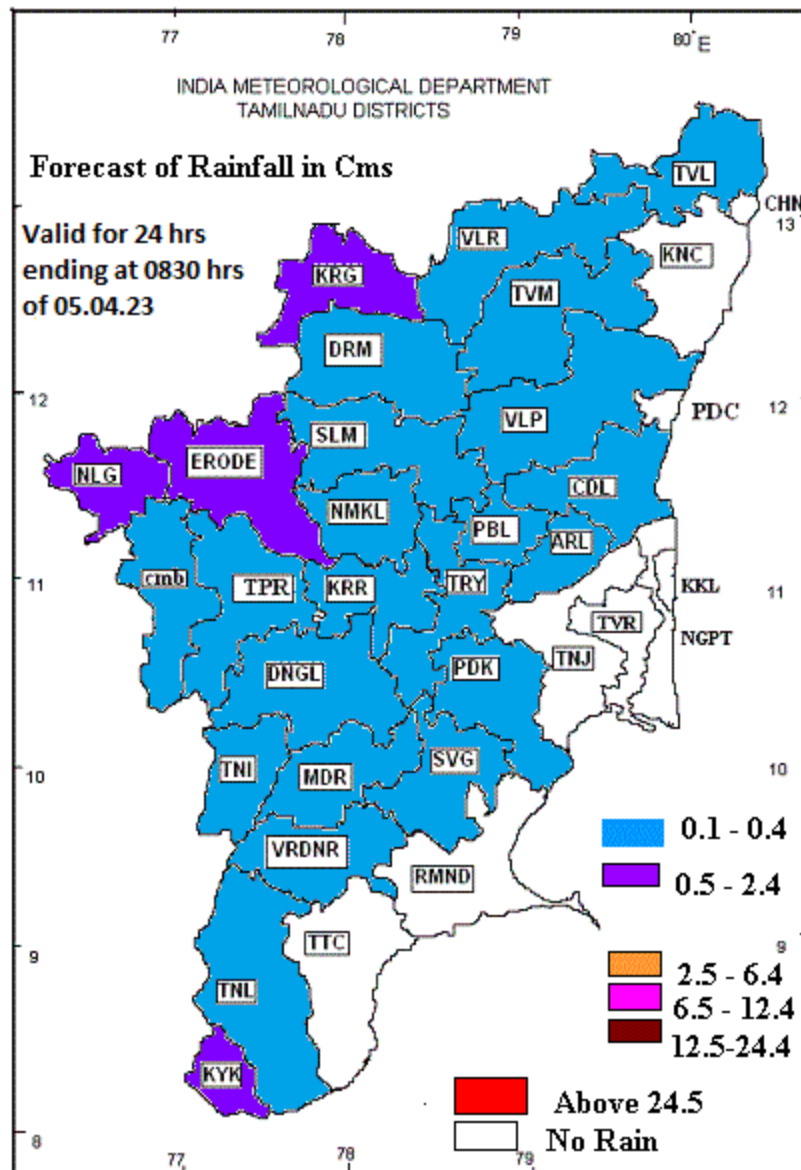
01.04.23 : Vedasandur (dist Dindigul), Palacode (dist Dharmapuri), Tobacco station, Vedasandur (dist Dindigul) 12 each, Kamatchipuram (dist Dindigul) 10, Papparapatti Agro (dist Dharmapuri), Thiyagadurgam (dist Kallakurichi) 9 each, Mayanur (dist Karur), Perunchani Dam (dist Kanyakumari), Puthan Dam (dist Kanyakumari) 6 each, Pappireddipatti (dist Dharmapuri) 5, Natrampalli (dist Tirupattur), Vedaranyam (dist Nagapattinam), Rajapalayam (dist Virudhunagar) 4 each,

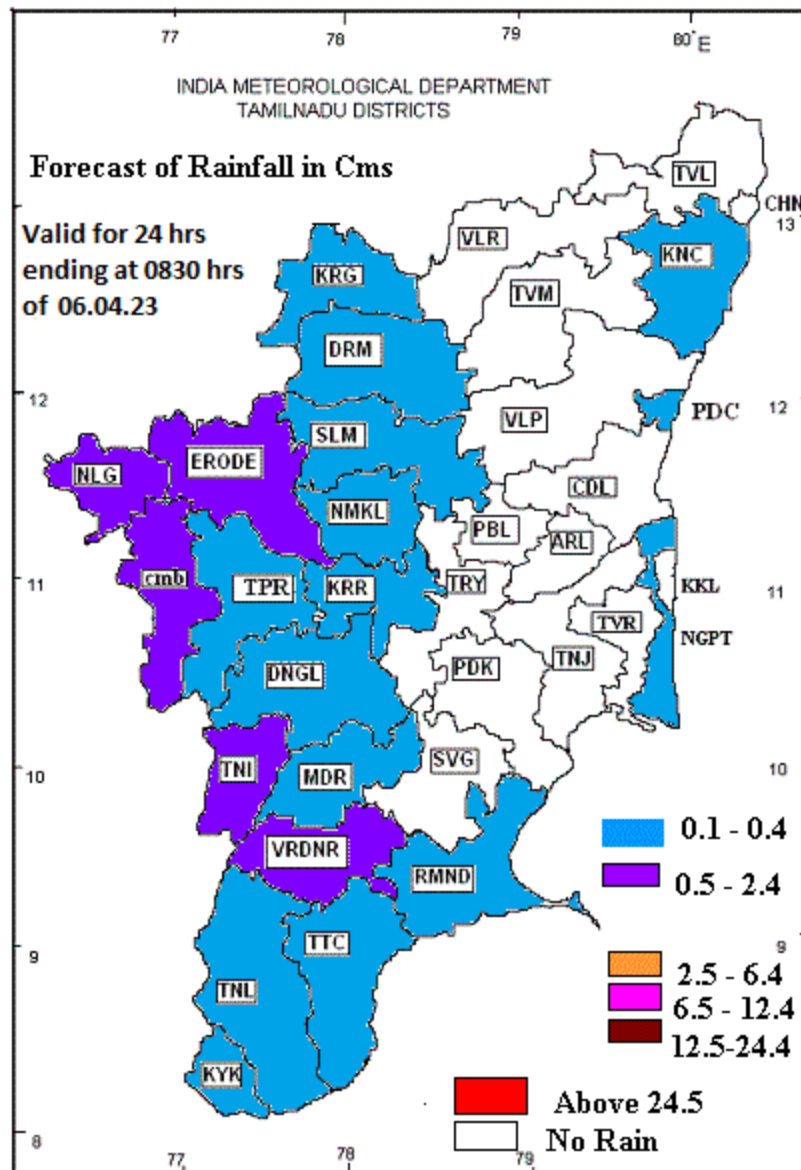
Krishnarayapuram (dist Karur), Marandahalli (dist Dharmapuri), Avalurpettai (dist Villupuram), Penucondapuram (dist Krishnagiri), Keelpadi (dist Kallakurichi), Manjolai (dist Tirunelveli), Uppar Dam (dist Tiruppur) 3 each, Cheyyar (dist Tiruvannamalai), Karaikal (dist Karaikal), Upper Bhavani (dist Nilgiris), Kethandapatti (dist Tirupattur), Suralacode (dist Kanyakumari), Pechiparai (dist Kanyakumari), Vaniyambadi (dist Tirupattur), Ulundurpet (dist Kallakurichi), Annur (dist Coimbatore), Kalayanallur (dist Kallakurichi), Cheranmahadevi (dist Tirunelveli), Uthagamandalam (dist Nilgiris), Eraiyur (dist Perambalur), Dharamapuri (dist Dharmapuri), Virudhunagar (dist Virudhunagar), Tiruppur (dist Tiruppur) 2 each, Chetpet (dist Tiruvannamalai), Manjalar (dist Theni), Nedungal (dist Krishnagiri), Rayakottah (dist Krishnagiri), Shoolagiri (dist Krishnagiri), Harur (dist Dharmapuri), Thandampettai (dist Tiruvannamalai), Chittar (dist Kanyakumari), Mundiampakkam (dist Villupuram), Pennagaram (dist Dharmapuri), Alangayam (dist Tirupattur), Periyar (dist Theni), Manimutharu (dist Tirunelveli), Watrap (dist Virudhunagar) 1 each.

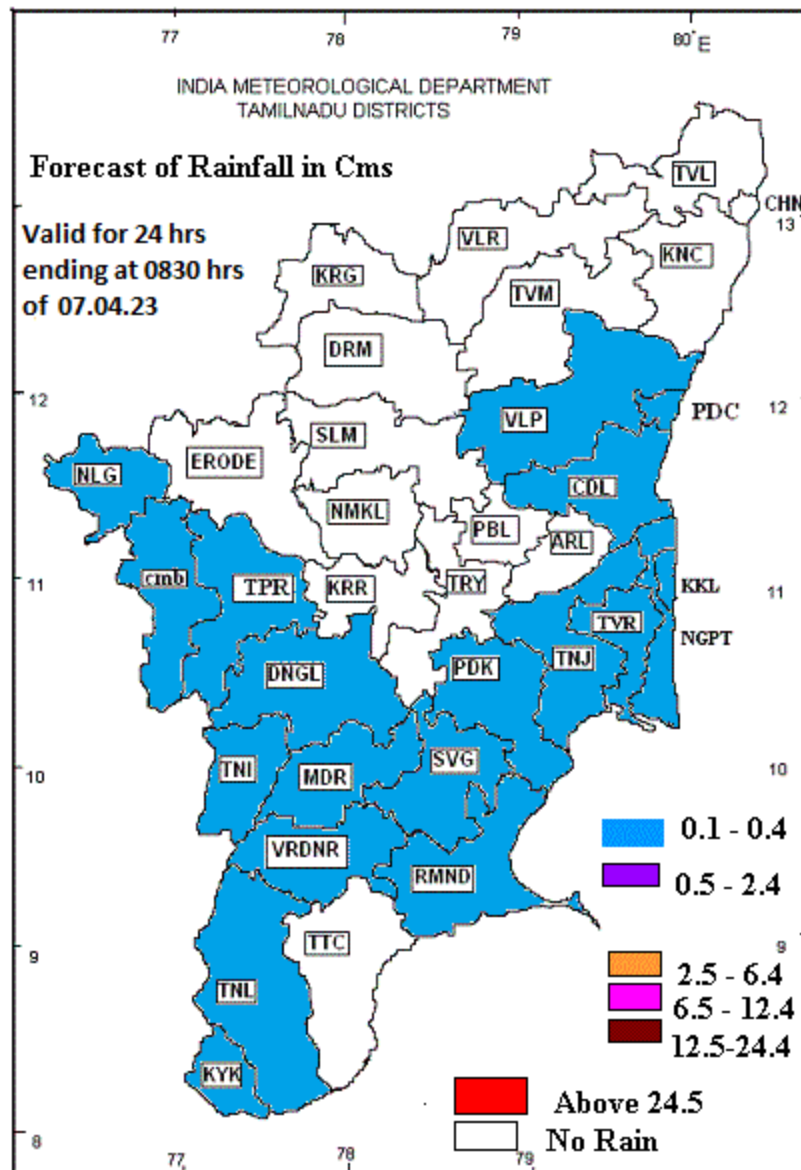
02.04.23 : Veda sandur (dist Dindigul), Palacode (dist Dharmapuri), Tobacco station, Veda sandur (dist Dindigul) 12 each, Kamatchipuram (dist Dindigul) 10, Pappapatti Agro (dist Dharmapuri), Thiya gadurgam (dist Kallakurichi) 9 each, Mayanur (dist Karur), Perunchani Dam (dist Kanyakumari), Puthan Dam (dist Kanyakumari) 6 each, Pappireddipatti (dist Dharmapuri) 5, Natrampalli (dist Tirupattur), Vedaranyam (dist Nagapattinam), Rajapalayam (dist Virudhunagar) 4 each, Krishnarayapuram (dist Karur), Marandahalli (dist Dharmapuri), Avalurpettai (dist Villupuram), Penucondapuram (dist Krishnagiri), Keelpadi (dist Kallakurichi), Manjolai (dist Tirunelveli), Uppar Dam (dist Tiruppur) 3 each, Cheyyar (dist Tiruvannamalai), Karaikal (dist Karaikal), Upper Bhavani (dist Nilgiris), Kethandapatti (dist Tirupattur), Suralacode (dist Kanyakumari), Pechiparai (dist Kanyakumari), Vaniyambadi (dist Tirupattur), Ulundurpet (dist Kallakurichi), Annur (dist Coimbatore), Kalayanallur (dist Kallakurichi), Cheranmahadevi (dist Tirunelveli), Uthagamandalam (dist Nilgiris), Eraiyur (dist Perambalur), Dharamapuri (dist Dharmapuri), Virudhunagar (dist Virudhunagar), Tiruppur (dist Tiruppur) 2 each, Chetpet (dist Tiruvannamalai), Manjalar (dist Theni), Nedungal (dist Krishnagiri), Rayakottah (dist Krishnagiri), Shoolagiri (dist Krishnagiri), Harur (dist Dharmapuri), Thandampettai (dist Tiruvannamalai), Chittar (dist Kanyakumari), Mundiampakkam (dist Villupuram), Pennagaram (dist Dharmapuri), Alangayam (dist Tirupattur), Periyar (dist Theni), Manimutharu (dist Tirunelveli), Watrap (dist Virudhunagar) 1 each.

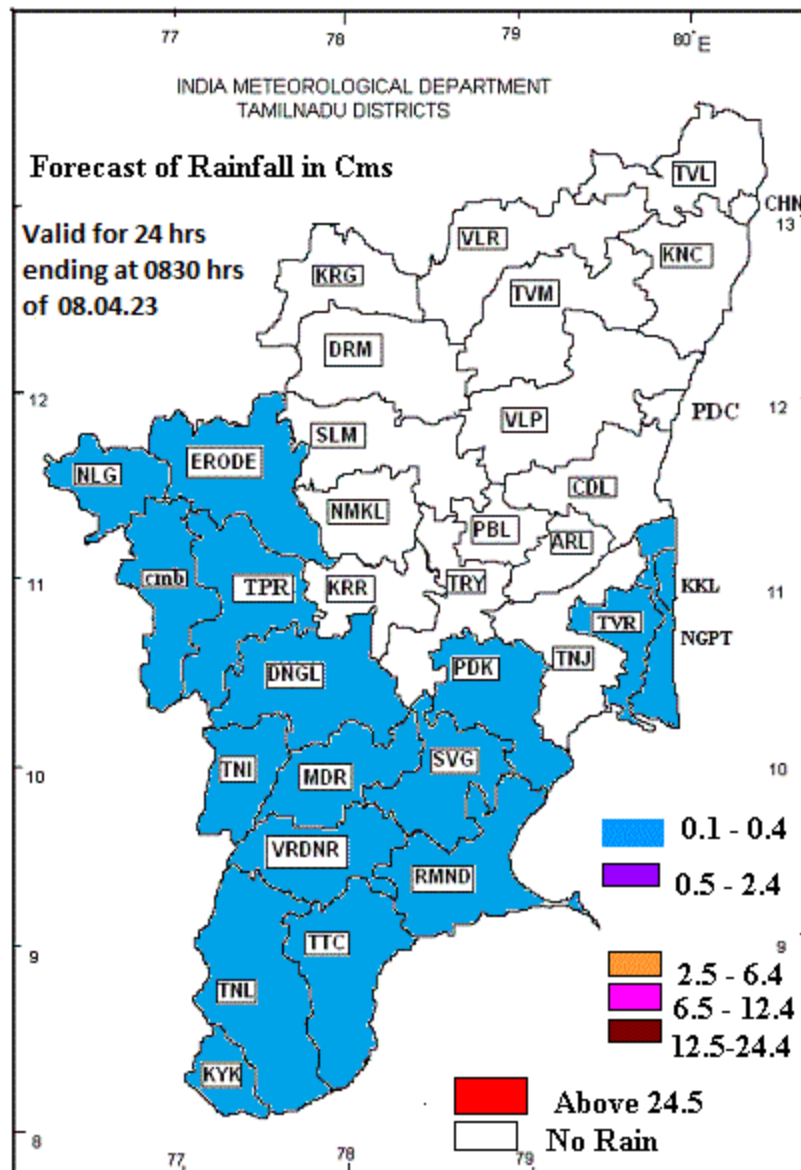
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 03.04.23
VALID FOR THE NEXT 5 DAYS**











District-wise Agromet Advisories

Chennai

SMS Advisory:

(06.04.2023-08.04.2023) Light to moderate rain is likely to occur at isolated places over Tamilnadu.

Livestock Advisory

- 1.Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures.
- 2.Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia precautionary measures should be taken.
- 3.Ewes which have missed the main breeding season must be flushed by feeding Hedge lucerne or any other leguminous fodder supplemented with vitamin tonics and mineral mixture before mating.
- 4.Due to favourable climatic condition the rabbit may be allowed for breeding for favourable conception.
- 5.Since the prevailing weather is conducive to skin infections the farmers are advised to take necessary precaution.
- 6.To prevent house fly menace prevention of water stagnation is recommended. Moreover fumigation or the fly traps could be used for prevention.
- 7.The heifers and the buffaloes would exhibit normal estrus cycle due to conducive weather and the could be put in to breeding further.
- 8.Farm equipments like cages, feed trolleys etc which could have dampened due to previous rains must be disinfected with flame gun before use.

Kancheepuram

SMS Advisory:

(06.04.2023-08.04.2023) Light to moderate rain is likely to occur at isolated places over Tamilnadu.

Livestock Advisory

- 1.Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures.
- 2.Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia precautionary measures should be taken.
- 3.Ewes which have missed the main breeding season must be flushed by feeding Hedge lucerne or any other leguminous fodder supplemented with vitamin tonics and mineral mixture before mating.
- 4.Due to favourable climatic condition the rabbit may be allowed for breeding for favourable conception.
- 5.Since the prevailing weather is conducive to skin infections the farmers are advised to take necessary precaution.
- 6.To prevent house fly menace prevention of water stagnation is recommended. Moreover fumigation or the fly traps could be used for prevention.
- 7.The heifers and the buffaloes would exhibit normal estrus cycle due to conducive weather and the could be put in to breeding further.
- 8.Farm equipments like cages, feed trolleys etc which could have dampened due to previous rains must be disinfected with flame gun before use.

Agricultural advisory Groundnut:

There are possibilities of late leaf spot disease infestation in Ground nut crop. For management farmers are advised to Spray Carbendazim 100gram or Mancozeb 200 gram per acre in 200 liter of spray solution.

Chilli:

There are possibilities of thrips infestation in chilli crops. For management farmers are advised to spray Emamectin benzoate 5 % SG @ 4g/tank of water.

Banana:

There are possibilities of Rugose Spiraling whitefly infestation in banana. For management farmers are advised to take up spray of Neem oil 3% or Imidacloprid @ 0.5 - 1 ml/liter of water.

Brinjal:

There are possibilities of fruit and shoot borer infestation in brinjal crop. For management farmers are advised to spray Emamectin benzoate 5 % SG @ 4 gram/10 liter of water.

Villupuram

SMS Advisory:

(06.04.2023-08.04.2023) Light to moderate rain is likely to occur at isolated places over Tamilnadu.

Livestock Advisory

1.Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures.

2.Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia precautionary measures should be taken.

3.Ewes which have missed the main breeding season must be flushed by feeding Hedge lucerne or any other leguminous fodder supplemented with vitamin tonics and mineral mixture before mating.

4.Due to favourable climatic condition the rabbit may be allowed for breeding for favourable conception.

5.Since the prevailing weather is conducive to skin infections the farmers are advised to take necessary precaution.

6.To prevent house fly menace prevention of water stagnation is recommended. Moreover fumigation or the fly traps could be used for prevention.

7.The heifers and the buffaloes would exhibit normal estrus cycle due to conducive weather and the could be put in to breeding further.

8.Farm equipments like cages, feed trolleys etc which could have dampened due to previous rains must be disinfected with flame gun before use.

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. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.

Sugarcane:

Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng 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. 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 (2.0 ml/l).

Cashew:

To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyrifos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.

Coconut:

Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies.

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. In severe 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.

Tiruvannamalai

SMS Advisory:

(06.04.2023-08.04.2023) Light to moderate rain is likely to occur at isolated places over Tamilnadu.

Livestock Advisory

1. Accidental grazing of new shoots of sorghum fodder may lead to HCN poisoning and death, hence farmers are advised to take precautionary measures.

2. Small ruminants overfed with excessive grain feed are at the edge of procuring Enterotoxaemia precautionary measures should be taken.

3. Ewes which have missed the main breeding season must be flushed by feeding Hedge lucerne or any other leguminous fodder supplemented with vitamin tonics and mineral mixture before mating.

4. Due to favourable climatic condition the rabbit may be allowed for breeding for favourable conception.

5. Since the prevailing weather is conducive to skin infections the farmers are advised to take necessary precaution.

6. To prevent house fly menace prevention of water stagnation is recommended. Moreover fumigation or the fly traps could be used for prevention.

7. The heifers and the buffaloes would exhibit normal estrus cycle due to conducive weather and the could be put in to breeding further.

8. Farm equipments like cages, feed trolleys etc which could have dampened due to previous rains must be disinfected with flame gun before use.

Agricultural advisory:

Rice:

Spray the TNAU Rice Bloom @ 1kg / ac by dissolving in 200 litre of water after adding required quantity of sticking agent at heading stage and grain filling stage of rice.

It improves grain filling rate and increases grain yield upto 1.5 percent.

Sugarcane:

A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.

Banana:

To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3,5 and 7 months after planting of banana.

Tomato:

Foliar spray of Zinc Sulphate (ZnSo 4 @ @ the 0.5 % thrice at 10 days intervals from 40 days after planting. Spray 19:19:19 + manganese (Mn) 1% at 60 days after planting.

Boric acid @ 0.3% @ flowering and 10 days later.

Brinjal:

To control shoot and fruit borer incidence in brinjal, spray Neem Seed Kernel Extract 5 % or Azadirachtin 1.0% EC 5ml/litre or Emamectin benzoate 5 % SG 4g/litre.

Tiruvallur

From extended range forecast Above normal rainfall and Below normal maximum temperature & Below normal minimum temperature are expected for the period of 05.04.2023 to 11.04.2023 over Tamil Nadu. Farmers are advised to start summer plough work to increase the capacity of the soil to absorb the rainwater.

Crop(Varieties)	Crop Specific Advisory
RICE	Flowering Stage to Milky Stage- 1. Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 2. Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water; 3. Bacterial leaf blight- spray twice copper hydroxide 77 WP @500 g/acre; 30 and 45 days after planting (or) spray streptomycin sulphate + tetracycline combination @ 300 g + copper oxychloride @ 500 g per acre in 200 litres of water. If necessary repeat 15 days later; 4. False smut- Spray for Propiconazole 25 EC @ 200 ml/ha (or) Copper hydroxide 77 WP @ 500g /acre at boot leaf and 50% flowering stages; 5. Ear head bug- Spray Neem seed kernel extract 5% (or) spray Malathion 50EC 200 ml/acre.
BLACK GRAM	1. Yellow mosaic virus- Spray methyl demeton 25 EC 200ml or thiamethoxam 75WG @ 40g per acre in 200 litres of water; 2. Tobacco caterpillar- Spray Chlorantraniliprole 18.5% SC 60 ml (or) Spray Flubendiamide 40 ml per acre in 200 litres of water.
SUGARCANE	Early shoot borer- Spray Thiamethoxam 75% w/w SG @ 64 g (or) Spray Chlorantraniliprole 18.5 % SC @ 150 ml per acre in 200 litre of water.
GROUNDNUT	Tobacco caterpillar- Spray Neem oil (2%) 8 litre per acre or Quinalphos 25 EC 300ml/acre. and Monitor the emergence of adult moths by setting up light and pheromone traps; Late leaf spot- Spray hexaconazole 5% EC @ 600 ml (or) Spray propiconazole 25% EC @ 200 ml per acre in 200 litres of water.
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	1. Thrips- Spray imidacloprid 17.8% SL 3 ml/ 10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/ 1 liter of water; 2. Yellow muranai mite- Spray Buprofezin 25 SC 8.0 ml /10 lit (or) Spray Emamectin benzoate 5 SG 4 g /10 lit.
BRINJAL	1. 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; 2. Little Leaf - Remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector.
MANGO	Leaf Hopper- Spray Thiamethoxam 25WG 1.0 g/10 l (or) Spray Buprofezin 25SC 1.0 ml/l. and Neem oil @ 5 ml/l of water can be mixed with any insecticides for the control of hopper. Spray any of the following insecticides first at the time of inflorescence emergence and the second two weeks after first spray.

Vellore

As per the IMD extended range forecast (ERF), generally above normal rainfall and maximum temperature, normal minimum temperature is likely over Tamil Nadu and Puducherry during 5th to 11th April 2023.

Summer ploughing may be completed by utilizing the expected rainfall to control the weeds. Light to rainfall is expected on forthcoming days. So, farmers are advised to spray insecticides or herbicides with sticking agent.

Crop(Varieties)	Crop Specific Advisory
RICE	Spray the TNAU Rice Bloom @ 1kg / ac by dissolving in 200 litre of water after adding required quantity of sticking agent at heading stage and grain filling stage of rice. It improves grain filling rate and increases grain yield upto 1.5 percent.
SUGARCANE	A tonic with nutrients and growth regulators for sugarcane spray the TNAU sugarcane Booster at 45, 60 and 75 days after planting spray booster at 1kg 1.5kg and 2kg respectively and add required quantity of sticking agent.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3, 5 and 7 months after planting of banana.
TOMATO	Foliar spray of Zinc Sulphate (ZnSo 4 @ @ the 0.5 % thrice at 10 days intervals from 40 days after planting. Spray 19:19:19 + manganese (Mn) 1% at 60 days after planting. Boric acid @ 0.3% @ flowering and 10 days later.
BRINJAL	To control shoot and fruit borer incidence in brinjal, spray Neem Seed Kernel Extract 5 % or Azadirachtin 1.0% EC 5ml/litre or or Emamectin benzoate 5 % SG 4g/litre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Don't keep pregnant and dairy cattle in hot sun. If so, heat stroke causes respirating distress and abortion. Provide clean drinking water at all time.
GOAT	Don't allow for grazing in hot summer between 11.00 am to 3.30 pm. Secure the sheep and goat shadow area. Cold and drinking water to be available at all time. Dissolve 1 packet of Electrol power in 1litre of water and give 250 ml to heat stroke affected animals.
Poultry(Varieties)	Poultry Specific Advisory
HEN	Give F strain Vaccine through Eye and Nasal drops at 1 week of age. Give IBD Vaccine through eye and nasal drops at 2 week age chicks. Give Lasota Vaccine as Eye and nasal drop at 3rd week age chicks. Give RDVK Vaccine @ 0.5 ml through subcutaneous injection at wing web to age above 2 month of chicks an adult birds repeat it for every 2 months. Clean drinking water should be available at day time to avoid heat stroke. Give good ventilation.

Cuddalore

From extended range forecast above normal rainfall, below normal maximum temperature and normal minimum temperature expected for the period of 05.04.2023 to 11.04.2023 over Tamil Nadu. Drizzling rainfall expected for forthcoming days, farmers are advised to harvest matured crops.

Crop(Varieties)	Crop Specific Advisory
RICE	1. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l. 2. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.
SESAME (GINGELLY/TIL)	1. Due prevailing weather conditions favourable for gingelly leaf webber infestation. To control spray Quinalphos 25 EC 2000 ml/ha in 500 litre of water. 2. Due prevailing weather conditions favourable for gingelly root rot infection. Soil application of bacillus subtilis or T. asperellum @ 2.5 kg / ha with 50 kg of well decomposed FYM or sand at 30 days after sowing. Spot drench with carbendazim @ 1 g/l.
SUGARCANE	Mealy bug and pokkahboeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkahboeng 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.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	1. Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (Encarsia sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected with wind speed of 4-6 km/hr in Western zone during next five days. Provide irrigation based on soil moisture and apply mulches to conserve moisture. By utilizing the anticipated rainfall, summer ploughing with disc plough against the slope may be done to harvest next coming summer rains.
Rice	Flowering	Prevailing weather is favourable for the sucking pests in standing Navarai season rice. Spray Thiamethoxam 25 WG @ 100 g/hectare.
Cumbu	Sowing	By utilizing the rainfall, irrigated Cumbu may be sown or seedlings may be transplanted, followed by irrigation if requires.
Banana	Above 5 months old	Considering the high maximum and minimum temperature and reduced evening relative humidity converged local wind may occur between 2 to 3 pm. Provide propping and support to the banana of more than five months old.
Mango		Weather is favourable for hopper pest damage in Mango flowers. Spray

		Thiamethoxam 1.0 g in 10 litre of water.
Tapioca	Planting	With the receipt of rainfall, land may be prepared for taking up rainfed tapioca planting during April. Prevailing hot weather situation is favourable for spiraling white fly in tapioca and hence farmers are requested to monitor the crop if require spray Triazophos @ 2 ml per litre of water.
Jasmine	Flowering	Prevailing weather condition is favourable for mite attack in jasmine and tapioca hence farmers are requested to monitor the crop if require spray wettable sulphur @ 2.5 g per litre of water
Coconut		Inward basin may be formed around the coconut trees to conserve the summer rain water in root zone.
Animal		Since high temperature is expected, poultry farmers are requested to reduce the temperature by hanging wetted gunny bags or sprinkling the water over the sheds. Due to high morning and evening variation in relative humidity, sufficient quantity of good quality water to animals and poultry. Summer rain may be accompanied with lightning and thunders. Keep the animals in the shed and avoid tying under the trees or open condition.

SMS advisory

By utilizing the rainfall, irrigated Cumbu may be sown or seedlings may be transplanted, followed by irrigation if requires.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected with wind speed of 4-6 km/hr in Western zone during next five days. Provide irrigation based on soil moisture and apply mulches to conserve moisture. By utilizing the anticipated rainfall, summer ploughing with disc plough against the slope may be done to harvest next coming summer rains.
Rice	Flowering	Prevailing weather is favourable for the sucking pests in standing Navarai season rice. Spray Thiamethoxam 25 WG @ 100 g/hectare.
Cumbu	Sowing	By utilizing the rainfall, irrigated Cumbu may be sown or seedlings may be transplanted, followed by irrigation if requires.
Sugarcane	Planting	Since dry weather is expected, irrigation is necessary for early season and mid-season sugarcane crop. If damages of early shoot borer is noticed apply Chlorpyrifos 20 EC 1000 ml/ha.
Banana	Above 5 months old	Considering the high maximum and minimum temperature and reduced evening relative humidity converged local wind may occur between 2 to 3 pm. Provide propping and support to the banana of more than five months old.
Mango		Weather is favourable for hopper pest damage in Mango flowers. Spray Thiamethoxam 1.0 g in 10 litre of water.
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SMS advisory

By utilizing the rainfall, irrigated Cumbu may be sown or seedlings may be transplanted, followed by irrigation if requires.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall is expected with wind speed of 4-6 km/hr in Western zone during next five days. Provide irrigation based on soil moisture and apply mulches to conserve moisture. By utilizing the anticipated rainfall, summer ploughing with disc plough against the slope may be done to harvest next coming summer rains.
Rice	Flowering	Prevailing weather is favourable for the sucking pests in standing Navarai season rice. Spray Thiamethoxam 25 WG @ 100 g/hectare.
Cumbu	Sowing	By utilizing the rainfall, irrigated Cumbu may be sown or seedlings may be transplanted, followed by irrigation if requires.
Sugarcane	Planting	Since dry weather is expected, irrigation is necessary for early season and mid-season sugarcane crop. If damages of early shoot borer is noticed apply Chlorpyriphos 20 EC 1000 ml/ha.
Banana	Above 5 months old	Considering the high maximum and minimum temperature and reduced evening relative humidity converged local wind may occur between 2 to 3 pm. Provide propping and support to the banana of more than five months old.
Mango		Weather is favourable for hopper pest damage in Mango flowers. Spray Thiamethoxam 1.0 g in 10 litre of water.
Coconut		Inward basin may be formed around the coconut trees to conserve the summer rain water in root zone.
Animal		Since high temperature is expected, poultry farmers are requested to reduce the temperature by hanging wetted gunny bags or sprinkling the water over the sheds.

		Due to high morning and evening variation in relative humidity, sufficient quantity of good quality water to animals and poultry. Summer rain may be accompanied with lightning and thunders. Keep the animals in the shed and avoid tying under the trees or open condition.
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SMS advisory

By utilizing the rainfall, irrigated Cumbu may be sown or seedlings may be transplanted, followed by irrigation if requires.

Nilgiris

To manage Red spider mite, Pinkmite, scarlet mite in tea crop, foliar application of Azadirachtin 1.0% EC (neem based) 2.0 ml/lit or propargite 57 % EC 2.0 ml/lit is recommended. To manage early blight in potato, foliar application of hexaconazole 2% SC @ 0.06% or mancozeb @ 2 g/l or chlorothalonil @ 2 g/l at 45, 60 and 75 days after planting is recommended.

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

Nilgiris Block level

Coonoor, Gudalur, Kotagiri and Ooty Blocks

To manage Red spider mite, Pinkmite, scarlet mite in tea crop, foliar application of Azadirachtin 1.0% EC (neem based) 2.0 ml/lit or propargite 57 % EC 2.0 ml/lit is recommended. To manage early blight in potato, foliar application of hexaconazole 2% SC @ 0.06% or mancozeb @ 2 g/l or chlorothalonil @ 2 g/l at 45, 60 and 75 days after planting is recommended.

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

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

Agro Advisory:

Crop	Stage	Advisory
General		Farmers can utilize the mobile apps viz., (TNAU AAS, Meghdoot and DAMINI), for more updated weather information.
Black gram	Sowing	ADT 5 black gram variety is suitable for summer season under irrigated condition.

Cotton		In rice fallow cotton, one hand weeding has to be given on 45 DAS. After 3 days of weeding top dressing fertilizer can be done along with earthing up.
Cattle	Cow	Due to increase in day temperature avoid animal grazing in hot hours of the day.

SMS advisory

ADT 5 black gram variety is suitable for summer season under irrigated condition.

Tiruchirapalli

Tamilnadu's average rainfall is likely to be Above normal during this week (05.04.2023 to 11.04.2023) From 0.95 mm to 2.23 mm. To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Spray pulse wonder 2 kg/ac in 200 litres of water at flowering stage. add adequate wetting agent. Benefits: Decreases flower shedding, Increases yield up to 20 per cent & Increases drought tolerance.
GROUNDNUT	Spray Groundnut Rich 2 kg/ac in 200 litres of water at flowering stage. add adequate wetting agent. Benefits: Decreases flower shedding, Increases yield up to 20 per cent & Increases drought tolerance.
SUGARCANE	Spray sugarcane booster 1,1.5, and 2 kg / acre at 45, 60 and 75 days after planting respectively in 200 litres of water with adequate quantity of wetting agent. Benefits: Enhances cane growth and weight, Improves inter nodal length, Improves cane yield up to 20 per cent, Improves sugar content and Increases drought tolerance.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Light to heavy wind will expected in forthcoming days so farmers are advised to save the banana crop by using stacking method with casuarina poles.
BANANA	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3, 5 and 7 month after planting to increase the yield of banana.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	As the temperature is expected to increase in the forthcoming days, sucking pest infestation may be increased vegetable crops. Hence, 5% Neem seed kernel extract may be sprayed to control the pest incidence.
GENERAL ADVICE	Since dry weather is expected for last 3 days, farmers can start crop protection activities. Based on the moisture content of your soil, farmers can provide irrigation to the vegetable crops.

GENERAL ADVICE	During this summer season the tick infestation flares up in all livestock. This might cause anemia & makes up way for various disease occurrence. The animal will be dull & depressed, difficulty in feed intake. Mix 3ml of butox in 1 litre of water and wash the animals with damp cloth.
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Tiruchirapalli Block level

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

Tamilnadu's average rainfall is likely to be Above normal during this week (05.04.2023 to 11.04.2023) From 0.95 mm to 2.23 mm. To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	As the temperature is expected to increase in the forthcoming days, sucking pest infestation may be increased vegetable crops. Hence, 5% Neem seed kernel extract may be sprayed to control the pest incidence.
GENERAL ADVICE	Since dry weather is expected for last 4 days, farmers can start crop protection activities. Based on the moisture content of your soil, farmers can provide irrigation to the vegetable crops.
GENERAL ADVICE	During this summer season the tick infestation flares up in all livestock. This might cause anemia & makes up way for various disease occurrence. The animal will be dull & depressed, difficulty in feed intake. Mix 3ml of butox in 1 litre of water and wash the animals with damp cloth.

Dindigul

Extended range Forecast for next week (07th – 13th Apr 2023): Rainfall: As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 07th to 13th Apr 2023. Maximum Temperature: Maximum temperatures is likely to be below normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 07th to 13th Apr 2023. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 22°C over the district during next week 07th to 13th Apr 2023. Chances of Moderate rain on 4 Apr & light rain during 5, 6, 7, 8 Apr. 36°C- 38°C & Min temp -23°C-26°C. Generally cloudy sky will appear for the next four days. Wind speed 4-6 kmph from SE, E & NE direct.

Crop(Varieties)	Crop Specific Advisory
CLUSTER BEAN/ GUAR	The occurrence of Aphids noticed in Cluster beans. Nymphs and adults suck the sap of leaves. It leads to leaf wilting, flower dropping and growth of the plants also hindered. To control, spray Acephate @ 40gm + sticky agent @ 10ml with 10litres

	of water.
Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	The incidence of the white fly is noticed in Tomato. The symptom appears on the leaves with Chlorotic spots, leaves are yellowing, downward curling and drying of leaves. To control, spray Acetamiprid @ 6gm + sticky agent 10ml with 10 litres of water.
CHICK	Due to the hot weather condition, the feed intake by chicks will be decreased, to rectify this increase the amount of amino acids, mineral mixture with the chick feed. Also, during the summer season the egg shells are much thinner than usual. To avoid this, put large amount of oyster in plates and always make it available for the layer birds. During the summer, number of water tanks should be increased than usual (ie. 20% to 30%). To reduce the dehydration process, add more mineral in the water.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Thunderstorm with light to Moderate rain is likely to occur at isolated places over Tamilnadu during 4 & 5 April 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock.

Madurai

Extended range Forecast for next week (07th – 13th Apr 2023): Rainfall: As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 07th to 13th Apr 2023. Maximum Temperature: Maximum temperatures is likely to be below normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 07th to 13th Apr 2023. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 22°C over the district during next week 07th to 13th Apr 2023. Chances of light rain during 4, 5, 6, 7, 8 Apr. 36°C- 38°C & Min temp -23°C- 26°C. Generally cloudy sky will appear for the next four days. Wind speed 4-6 kmph from SE, E & NE directions.

Crop(Varieties)	Crop Specific Advisory
RICE	The incense of Bacterial Leaf Blight may be noticed in the paddy during the 3rd-4th week of planting. The symptoms are seedling wilt, Lesions turn yellow to white as the disease advances. To avoid this, treat the seeds with the bio-input Pseudomonas mixed with rice gruel. And spray any one of the following, (starting from the initial appearance of the disease and another one at a fortnight interval) fresh cow dung extract @ 20% twice (or) Neem oil 60 EC @ 3% (or) NSKE @ 5% to control the sheath rot, sheath blight, grain discolouration and bacterial blight.
Horticulture(Varieties)	Horticulture Specific Advisory

s)	
Rose	There is the incense of scales in the Rose crop. Rub off the scales with cotton soaked in kerosene or diesel. Cut and burn the affected branches. To control this, spray Fish oil rosin soap @ 25g/litre, at the time of pruning and again during the month of April.
CHICK	Due to the hot weather condition, the feed intake by chicks will be decreased, to rectify this increase the amount of amino acids, mineral mixture with the chick feed. Also, during the summer season the egg shells are much thinner than usual. To avoid this, put large amount of oyster in plates and always make it available for the layer birds. During the summer, number of water tanks should be increased than usual (ie. 20% to 30%). To reduce the dehydration process, add more mineral in the water.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Thunderstorm with light to Moderate rain is likely to occur at isolated places over Tamilnadu during 4 & 5 April 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock.

Pudukottai

ADT 5, VBN 6, VBN 8 blackgram variety is suitable for sowing during Summer. Irrigated fallow land may be prepared for sowing Cumbu during the first week of April.

Crop(Varieties)	Crop Specific Advisory
RICE	Paddy - Brown Spot- prevailing weather condition Temperature of 25-30°C, Relative humidity above 80 per cent, excess of nitrogen aggravates the disease incidence attacks seedling in nursery to milky stage in main field. The disease appears first as minute brown dots later becoming cylindrical or oval to circular to control Carbendazim 12% + Mancozeb 63%wp 2.0 g per lit.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	The incense of Ash weevils found in Brinjal. It affects all the plant parts, like notching of leaf margins and Grubs feed on roots causing wilting of plants. Collect and destroy the adults. Apply Neem cake @ 500 kg/ha at the time of the last ploughing. Foliar spray of Beaveria Bassiana @ 600gms per acre with 10ml of sticky agent per 10 litres of water.

COCONUT	Due to current weather condition, button shedding occurred in coconut trees. Hence, farmers are advised to apply farm waster (or) crop residue around the coconut tree and irrigate around the tree. Also, give root feeding of coconut tonic (200 ml / tree) can be given at 3 months interval to avoid button shedding in coconut.
BRINJAL	To control haddam beetle incidence in Brinjal, spray Acepate @ 2 gm /litre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Milk production can be protected by spraying water on the cows during the day when the temperature is high and isolating its fat. azolla can be used as fodder
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	It is expected to raise temperature in the forthcoming days, so the soil moisture content may be reduced. Hence, the horticultural farmers are advised to take up mulching around the root basin of the crop with dried leaves, grass and other farm wastes to retain the soil moisture content.

Ramanathapuram

In coconut tree basins application of coconut leaves and coir waste can help to prevent evaporation loss and maintain the soil moisture From extended range forecast, Above normal rainfall, Below normal maximum temperature and normal minimum temperature expected for the period of April 05 to April 11 over Tamil Nadu.

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to the prevailing weather condition incidence of aphid is expected in cotton. The damage symptoms are curling, crinkling of leaves and stunted growth and leads to further development of black sooty mould due to the excretion of honey dew and giving the plant become dark appearance and blighted appearance. Infestation is severe in cotton field, spray Imidacloprid 17.8% SL @ 50 ml/ac.
COCONUT	Due to the prevailing weather condition incidence of incidence of thanjore wilt is expected in coconut. Initial symptoms of Thanjore wilt start with yellowing and drooping of the outer whorl of leaves followed by exudation of reddish brown liquid through cracks at the base of the trunk and decaying of tissues at bleeding point. To manage the wilt, spray Hexaconazole 5 SC 2 ml with 100 ml of water applied as root feeding (3 times at 3 months interval).

Sivagangai

Extended range Forecast for next week (07th – 13th Apr 2023): Rainfall: As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 07th to 13th Apr 2023. Maximum Temperature: Maximum temperatures is likely to be below normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 07th to 13th Apr 2023. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 22°C over the district during next week 07th to 13th Apr 2023. Chances of light rain during 4, 5, 7, 8 Apr. 36°C- 38°C & Min temp -23°C- 26°C. Generally cloudy sky will appear for the next four days. Wind speed 4-6 kmph from SE, NE & E directions.

Crop(Varieties)	Crop Specific Advisory
SUGARCANE	The occurrence of mealybug is seen in Sugarcane. Pinkish oval insects beneath leaf sheath on the nodes, with whitish mealy coating. Main cane stunned also attack roots. Sooty mould develops on the honeydew giving a blackish appearance on canes. Leaf colour changes to yellow. To control, spray fish oil @100ml and resin soap @ 35ml per 10 litres of water on the infested stem portion. If the infestation is severe, try the chemical method, spray the compound mixture of Buprofezin + Acephate @ 35gm per 10 litres of water.
Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	The incidence of sucking pests like leaf hoppers, thrips, whitefly, spiralling whitefly may be noticed in the Horticultural crop fields. Hence, farmers are advised to monitor the sucking pests by installing yellow sticky traps @ 5 Nos./acre. For severe infestation, spray any one of the following, Neem Seed Kernel Extract @ 50g/lit. of water or Neem oil @ 30ml per litre of water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Due to the hot weather condition, the feed intake by chicks will be decreased, to rectify this increase the amount of amino acids, mineral mixture with the chick feed. Also, during the summer season the egg shells are much thinner than usual. To avoid this, put large amount of oyster in plates and always make it available for the layer birds. During the summer, number of water tanks should be increased than usual (ie. 20% to 30%). To reduce the dehydration process, add more mineral in the water.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Thunderstorm with light to Moderate rain is likely to occur at isolated places over Tamilnadu during 4 & 5 April 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock.

Theni

Extended range Forecast for next week (07th – 13th Apr 2023): Rainfall: As per extended range predictions, there is possibility of near normal to slightly above normal rainfall likely over the district during 07th to 13th Apr 2023. Maximum Temperature: Maximum temperatures is likely to be below normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 07th to 13th Apr 2023. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 22°C over the district during next week 07th to 13th Apr 2023. Chances of light rain during 4, 5, 7, 8 Apr & Moderate rain on 6 Apr. 36°C- 38°C & Min temp -23°C-26°C. Generally cloudy sky will appear for the next four days. Wind speed 4-6 kmph from SE, E & NE direct.

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	The incense of Chilly thrips are noticed in Chilly fields. The infected leaves develop crinkles and curl upwards. Elongated petiole, Buds become brittle and dropdown. Early-stage, infestation leads to stunted growth and flower production, and fruit sets get arrested. To avoid this, intercrop with Agathi crop (<i>Sesbania grandiflora</i>) to provide shade which regulates the thrips population. Sprinkle water over the seedlings to check the multiplication of thrips. Spray the insecticide Imidacloprid 17.8% SL @ 3ml/10 litres of water.
PAPAYA	The incidence of Whitefly is expected in Papaya. The symptom of damage appears under the surface of the leaves, the nymphs and adults suck the sap from the leaves and hence the leaves become yellow. To control this, with respect to the height of the plant, place Yellow Sticky traps @ 8 Nos per Acre. Prepare a solution with the combination of Green Chilly @ 250gm + Garlic @ 250gm + Ginger @ 100gm, grind well and mixed it with 3 litres of water, keep the solution overnight, spray 300ml of the extracted solution + Pseudomonas @ 40gm + Eggwhite @ 20ml per 10 litres of water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Due to the hot weather condition, the feed intake by chicks will be decreased, to rectify this increase the amount of amino acids, mineral mixture with the chick feed. Also, during the summer season the egg shells are much thinner than usual. To avoid this, put large amount of oyster in plates and always make it available for the layer birds. During the summer, number of water tanks should be increased than usual (ie. 20% to 30%). To reduce the dehydration process, add more mineral in the water.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Thunderstorm with light to Moderate rain is likely to occur at isolated places over Tamilnadu during 4 & 5 April 2023. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric

poles. Provide safe shelter for your livestock.

Virudhunagar

Agromet Advisory

Crop	Stage	Crop Specific Advisory
Irrigated crops	Water management	Rainfall is predicted for next five days, farmers are requested to postpone the irrigation based on the local weather prevail.
Rainfall	Ploughing	As rainfall is predicted farmers are requested to go for ploughing to store the rainwater in the soil.
	Harvest	Horticultural crops viz., fruits and vegetables are requested to harvest.
	Spraying	Spraying may be avoided, however it may be taken based on the pest incidence and local weather.
	Storage	Harvest produced are requested to store at upland area to avoid quality loss.
Sugarcane	Tillering stage	At tillering stage hot dry weather is suitable for the completion of teliospores of Sugarcane Smut disease cycle. Management: 1. Roguing of smut whips covered with polythene bags and collected smutted whips should be dipped in boiling water or one hour 2. If the infection is high, recommend spraying of tilt (0.1%) at 15 days intervals..
Coconut	All stages	All stages- Rugose Spiralling whitefly is noticed in the prevailed weather condition. Application of water, maida solution as spray in order to increase the population of Encarsia parasitic. Also keep yellow stick trap.
Citrus	Citrus Canker	Under the prevailing weather condition citrus canker disease is noticed. To control spray of Copper oxychloride (COC) @ 0.3% followed by 4 sprayings with Streptocyclin 100 ppm + COC @ 0.3 % at monthly intervals after pruning. Under the prevailing weather condition Citrus leaf miner is noticed. To control spray fenvalerate 0.2ml or dimethoate [Rogor] 2ml/l (or) Spray application of NSKE 5%
Livestock	Goat	Deworm the non-pregnant animals with liquid oxychloxamide @ 5mg/kg of body weight. Vaccinate against P.P.R and enterotoxemia. If nasal discharge and cold administer Bolus sulphadimindine 5 gram per adult animal, half of bolus per young animals.
	Milch animals	Maximum temperature results to rise in body temperature, increased pulse rate, increased peripheral blood flow, reduced feed intake, and increased water intake. Measures like Thatching the roof with materials like paddy straw etc, painting the roof with white paint or, providing a false ceiling insulation will help

		provide a cooler environment. Create barriers against hot wind using thatched wall or wet gunny cloth/ gunny bags. Ensure increased mineral supplementation during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred.
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SMS: Rain:4-8.04-3,2,6,2&4mm. postpone the irrigation. Spraying may be avoided. Harvest the agricultural and horticultural products and safety measures may be taken to protect.

Tamil Nadu			
Yesterday's north-south trough/wind discontinuity from north Chhattisgarh to south interior Tamil Nadu now runs from Vidarbha to south Tamil Nadu across Marathawada and interior Karnataka at 0.9 km above mean sea level.			
Next five days	Weather warning	Light to moderate rain at a few places with thunderstorm & lightning at isolated places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (04-04-2023). Light to moderate rain with thunderstorm & lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 2 (05-04-2023). Light/moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area from Day 3 (06-04-2023) to Day 5 (08-04-2023).	

Tirunelveli

Agromet Advisory

Crop	Stage	Crop Specific Advisory
Irrigated crops	Water management	Rainfall is predicted for next five days; farmers are requested to postpone the irrigation based on the local weather prevail.
Rainfall	Ploughing	As rainfall is predicted farmers are requested to go for ploughing to store the rainwater in the soil.
	Harvest	Horticultural crops viz., fruits and vegetables and agricultural crop (rice) are requested to harvest.
	Spraying	Spraying may be avoided; however it may be taken based on the pest incidence and local weather.
	Storage	Harvest produced are requested to store at upland area to avoid quality loss.
Coconut	All stages	All stages- Rugose Spiralling whitefly is noticed in the prevailed weather condition. Application of water, maida solution as spray in order to increase the population of Encarsia parasitic. Also keep yellow stick trap.
Citrus	Citrus Canker	Under the prevailing weather condition citrus canker disease is noticed. To control spray of Copper oxychloride (COC) @ 0.3% followed by 4 sprayings with Streptocyclin 100 ppm + COC @ 0.3 % at monthly intervals after pruning. Under the prevailing weather condition Citrus leaf miner is noticed. To control spray fenvalerate 0.2ml or dimethoate [Rogor] 2ml/l (or) Spray application of NSKE 5%
Livestock	Goat	Deworm the non-pregnant animals with liquid oxychloxamide @ 5mg/kg of body weight. Vaccinate against P.P.R and

		enterotoxemia. If nasal discharge and cold administer Bolus sulphadimidine 5 gram per adult animal, half of bolus per young animals.
	Milch animals	Maximum temperature results to rise in body temperature, increased pulse rate, increased peripheral blood flow, reduced feed intake, and increased water intake. Measures like Thatching the roof with materials like paddy straw etc, painting the roof with white paint or, providing a false ceiling insulation will help provide a cooler environment. Create barriers against hot wind using thatched wall or wet gunny cloth/ gunny bags. Ensure increased mineral supplementation during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred.

SMS: Rain: 4-8.04-6,4,4,2&3mm. Avoid irrigation and spraying. Harvest the produce and kept safe.

Tamil Nadu			
Yesterday's north-south trough/wind discontinuity from north Chhattisgarh to south interior Tamil Nadu now runs from Vidarbha to south Tamil Nadu across Marathawada and interior Karnataka at 0.9 km above mean sea level.			
Next five days	Weather warning	Light to moderate rain at a few places with thunderstorm & lightning at isolated places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (04-04-2023). Light to moderate rain with thunderstorm & lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 2 (05-04-2023). Light/moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area from Day 3 (06-04-2023) to Day 5 (08-04-2023).	

Thoothukudi

Agromet Advisory Thoothukudi district

Crop	Stage	Crop Specific Advisory
Irrigated crops – rice fallow pulses	Water management	Alternate days is predicted with rainfall in next five days. Hence, farmers are request to plan the irrigation based on the available soil moisture to meet the crop requirement.
Rainfall	Ploughing	As rainfall is predicted farmers are requested to go for ploughing to store the rainwater in the soil.
	Harvest	Horticultural crops viz., fruits and vegetables (chillies) and agricultural crop (rice) are requested to harvest.
	Spraying	Spraying may be avoided; however it may be taken based on the pest incidence and local weather.
	Storage	Harvest produced are requested to store at upland area to avoid quality loss.
Citrus	Citrus Canker	Under the prevailing weather condition citrus canker disease is noticed. To control spray of Copper oxychloride (COC) @ 0.3% followed by 4 sprayings with Streptocyclin 100 ppm + COC @ 0.3 % at monthly intervals after pruning. Under the prevailing weather condition Citrus leaf miner is noticed. To control

Crop	Stage	Crop Specific Advisory
Irrigated crops – rice fallow pulses	Water management	Alternate days is predicted with rainfall in next five days. Hence, farmers are request to plan the irrigation based on the available soil moisture to meet the crop requirement.
Rainfall	Ploughing	As rainfall is predicted farmers are requested to go for ploughing to store the rainwater in the soil.
	Harvest	Horticultural crops viz., fruits and vegetables (chillies) and agricultural crop (rice) are requested to harvest.
	Spraying	Spraying may be avoided; however it may be taken based on the pest incidence and local weather.
	Storage	Harvest produced are requested to store at upland area to avoid quality loss.
		spray fenvalerate 0.2ml or dimethoate [Rogor] 2ml/l (or) Spray application of NSKE 5%
Coconut	All stages	All stages- Rugose Spiralling whitefly is noticed in the prevailed weather condition. Application of water, maida solution as spray in order to increase the population of Encarsia parasitic. Also keep yellow stick trap.
Livestock-	Goat	Deworm the non-pregnant animals with liquid oxychloxamide @ 5mg/kg of body weight. Vaccinate against P.P.R and enterotoxemia. If nasal discharge and cold administer Bolus sulphadimidine 5 gram per adult animal, half of bolus per young animals.
	ilch animals	Maximum temperature results to rise in body temperature, increased pulse rate, increased peripheral blood flow, reduced feed intake, and increased water intake. Measures like Thatching the roof with materials like paddy straw etc, painting the roof with white paint or, providing a false ceiling insulation will help provide a cooler environment. Create barriers against hot wind using thatched wall or wet gunny cloth/ gunny bags. Ensure increased mineral supplementation during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred.

SMS: Rain:4,6&8.4-3,2&3mm. Irrigate the crop based on the crop requirement. Chillies- Harvest immediately and store in upland areas to avoid quality loss.

Tamil Nadu		
Yesterday's north-south trough/wind discontinuity from north Chhattisgarh to south interior Tamil Nadu now runs from Vidarbha to south Tamil Nadu across Marathawada and interior Karnataka at 0.9 km above mean sea level.		
Next five days	Weather warning	Light to moderate rain at a few places with thunderstorm & lightning at isolated places is likely to occur over Tamilnadu, Puducherry and Karaikal area on Day 1 (04-04-2023). Light to moderate rain with thunderstorm & lightning is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area on Day 2 (05-04-2023). Light/moderate rain is likely to occur at isolated places over Tamilnadu, Puducherry and Karaikal area from Day 3 (06-04-2023) to Day 5 (08-04-2023).

Kanyakumari

AGRO ADVISORIES.

S. N.	CROP	STAGES	ADVISORIES
	<p>There are possibilities of rainfall during the fourth coming five days. Maximum temperature will range from 32 - 34°C and minimum temperature will range from 23 - 25°C. Partly cloudy condition may prevail. The relative humidity will be 40 – 90 %. Wind speed may be 4 – 10 km / hr in East direction.</p>		
1.	Fruit trees and Tree spices	All stages	Strengthening the basins may be taken up for better harvesting of rains.
2.	Horticultural crops.	All stages	Basins can be formed for all tree crops and coir compost should be applied to conserve moisture in banana, pepper, clove, nutmeg, cinnamon and coconut.
3.	Rubber	Tapping Stage	Fix a polythene rain guard to the trunk of the tree above the tapping panel so that tapping can be done during rainy season also.
4.	Pepper	All stages	Pepper rooted cuttings can be planted if there is sufficient soil moisture.
5.	Pineapple	Harvest stage	Harvest should be done when the colour of base of the fruit is slightly changed.
6.	Coconut (burial of husk)	All stage	Husk burial can be done in coconut basins or in the interspaces to preserve rain water.

SMS Advisory

Harvested banana bunches should be stored in dry places to prevent disease incidence due to rainfall.

Salem

Weather Advisory Bulletin for livestock, poultry and agro advisory

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
General		Light rain is expected in the forthcoming days, Hence avoid irrigation, facilitate drainage and avoid spraying. Make provisions to harvest the run off rain water in farm ponds or any suitable structures to improve the ground water table. By utilizing prevailing summer rainfall, summer ploughing can be done.
Crops	Vegetative stage	Since moderate rainfall is expected in the forthcoming days, so during insecticide or herbicide spraying use sticking agent.

Chilli	Vegetative	High temperature followed by cloudy sky with drizzling may favour incidence of thrips in Chilly. To avoid damage spraying of Emamectin benzoate 5%SG @4g/10 lit.(or)Spinosad 45 %SC @ 3.2ml/10lit may be done.
Tomato:	Vegetative	Heavy rain, especially when preceded by dry weather, is the leading cause of fruit cracking and splitting in tomatoes. This type of damage is most likely to occur as tomatoes begin to ripen. Hence, When rain is expected after a droughty period, harvest any nearly-ripe tomatoes.
Ladies finger	Vegetative	There are chances of occurrence of powdery mildew in ladies finger, to control the fungal growth, spray carbendazim 200 g/ac or mancozeb 500g/ac.
Ground nut	Vegetative	Since light rain is expected, Maintain proper drainage in the field. Avoid fertilizer, Fungicide and pesticide spray.
Bhendi/orkra/ brinjal	Vegetative	Higher temperature along with higher relative humidity favours the incidence of red spider mite. To manage red spider mite spray wettable sulphur 80 wg at 40g per acre or propargite 57 ec at 400 ml per acre
Castor	Vegetative	Light to moderate rain is expected in the forthcoming days to, hence Provide proper drainage to prevent collar rot and soil drenching with 2.5 g of copper oxy chloride in 1l water to control collar rot after the rain
Turmeric	Vegetative	Higher Temperature and high soil moisture favours occurrence of rhizome rot in turmeric. To control incidence of rhizome rot due to stagnation of water in the field provide proper drainage facilities. Trichoderma viride may be applied to prevent rhizome rot in addition to proper drainage

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

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

		Housing the animals in the poorly ventilated asbestos houses may be avoided. During summer animals can be comfortably tied under the tree shade with good ventilation. Dairy animals especially buffaloes may be observed for heat signs in the early morning and undertake breeding decisions accordingly.
Poultry	Desi birds	Desi birds, reared under intensive method will be affected more during summer. Pecking will be observed. Feed intake will be low and hence the growth will also be low. To prevent mortality and growth problems in desi birds, farmers are advised to increase the space and to increase fibre content by 2 % and add oil in the feed (4 – 5 kg / ton).
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Turmeric	Sowing period	Farmers are requested to enrich turmeric TNAU micronutrient mixture @ 4 kg in 40 kg farmyard manure and then apply 50 percent as basal dose and 50 percent @ 90 days after sowing.
Tapioca	Vegetative stage	Tapioca farmers are requested to give foliar spray thrice with TNAU cassava booster @ 2, 3 and 4 months after planting.
Sugarcane	Vegetative stage	Early shoot borer incidence was occurred in sugarcane crop currently. Farmers are advised to collect the dead heart shoot from the field and destroyed. Then install pheromone traps 10 numbers / acre to monitor the pest incidence. Then foliar spray of spinosad chemical @ 0.5 ml / litre of water to control it.
Fruit and Vegetable crops	General	Temperature may be raised in forthcoming days. Hence the vegetable as well as fruit growers are requested to apply dried leaves, twigs, coconut fronds/ areca nut fronds in the root zone of the crops to avoid evaporation loss of water and also it conserve the moisture content in the soil.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

General Advisory – Very light to light Rainfall	
Very light rainfall. Based on the local weather give light irrigation to the standing crops, Increase the frequency of irrigation at critical growth stages. Mulch with crop residue, straw, /polythene or undertake soil mulching to conserve soil moisture. Irrigate only during the evening or early morning. High relative humidity with moderate wind speed is conducive for disease spread. So, farmers are advised to take the prophylactic measures to control the disease spread, Harvested agricultural and horticultural produce may be stored under protective shelter and to protect the livestock, poultry and pets.	
Very light Rainfall – Based on local weather give light irrigation to the standing crops, Chilli Thrips Symptoms Spray with Spinosad 45% SC 3.2ml/10 litre of water.	
Crop	Advisory
Mango	Prevailing weather Mango hoppers incidence Nymphs and adults suck the sap of inflorescence, Withering. Shedding of flower buds and flowers, Presence of honey dew segregation on lower leaves and development of sooty mould. Clicking sound – movement of jassids amidst leaves. Hoppers provide shelter in the cracks and crevices of the barks on the tree Management of the incidence Avoid close planting, as the incidence very severe in overcrowded orchards. Orchards must be kept clean by ploughing and removal of weeds. Spray Imidacloprid 17.8 SL 2.0 ml/10 litter or Dimethoate 30EC 1.5 ml/l.
Chilli	Chilli Thrips Symptoms: 1. Crinkling and curling upwards. 2.Elongated Petiole. 3. Buds

	become brittle and drop down. 4. Early stage infestation leads to stunted growth and flower production and fruit set are arrested. Management: 1. Don't follow chilli and onion mixed crop. 2. Sprinkle water over the seedlings to control the multiplication of thrips. 3. Spray with Spinosad 45% SC 3.2ml/10 litre of water.
Groundnut	Groundnut - Aphids Wilting of tender shoots during hot weather, Stunting and distortion of the foliage and stems, They excrete honeydew on which sooty molds flow forming a black coating Act as vector for peanut stripe virus and groundnut rosette virus complex Apply anyone of the following insecticides for control measures or Imidacloprid 17.8% SL 100-125 ml/ha or Methyl demeton 25% EC 1000 ml/ha
Chilli	Due to the prevailing day time temperature and humidity is favourable for incidence of die back and fruit rot in chilli. Diseased plant branches and younger leaves get withered. Brown discoloration and small black spot appears on infested fruits. If symptoms noticed adopt the recommended action of spraying of Copper oxychloride 50 WP @ 500 g/ac or Mancozeb 75 WP @ 400 g/ac with 200 liter of water (3 times at 15 days interval).
Cattle	Due to the prevailing weather condition, your cattle may be affected by issues like respiratory distress and mucous discharge from the mouth. To overcome these problems, farmers are advised to prepare and feed the mixture balls. Take an equal amount of Jaggery, Cumin seed, and Onion. Grind the ingredients and make them round balls. Feed these balls to the affected cow at the morning and evening hours.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Dairy animals undergo severe stress in hot climate due to prevailing higher temperature. This high temperature stress leads to reduction in the solids not fat (SNF) content of milk. This leads to lower price for the milk sold. This issue can be mitigated by reducing the heat stress by</p> <p>Avoiding the animals to graze during hot weather.</p> <p>Providing sufficient concentrate feed during the colder part of the day.</p> <p>Increasing the energy content of the concentrate feed by giving additional grains at the rate of 100g per litre of milk produced per day. Grains like maize, cumbu, sorghum, etc whichever is cheaper can be grinded and mixed with the concentrate feed of the dairy animals.</p> <p>Providing sufficient quantity of water throughout the day</p> <p>Water can be sprayed in the form of fine mist over the animal during the afternoon hours.</p> <p>Housing the animals in the poorly ventilated asbestos houses may be avoided. During summer animals can be comfortably tied under the tree shade with good ventilation.</p> <p>Dairy animals especially buffaloes may be observed for heat signs in the early morning and undertake breeding decisions accordingly.</p>
Poultry	Desi birds	<p>Desi birds, reared under intensive method will be affected more during summer. Pecking will be observed. Feed intake will be low and hence the growth will also be low. To prevent mortality and growth problems in desi birds, farmers are advised to increase the space and to increase fibre content</p>

		by 2 % and add oil in the feed (4 – 5 kg / ton).
Agro advisory from Krishi Vigyan Kendra		
Turmeric	Sowing period	Farmers are requested to enrich turmeric TNAU micronutrient mixture @ 4 kg in 40 kg farmyard manure and then apply 50 percent as basal dose and 50 percent @ 90 days after sowing.
Tapioca	Vegetative stage	Tapioca farmers are requested to give foliar spray thrice with TNAU cassava booster @ 2, 3 and 4 months after planting.
Sugarcane	Vegetative stage	Early shoot borer incidence was occurred in sugarcane crop currently. Farmers are advised to collect the dead heart shoot from the field and destroyed. Then install pheromone traps 10 numbers / acre to monitor the pest incidence. Then foliar spray of spinosad chemical @ 0.5 ml / litre of water to control it.
Fruit and Vegetable crops	General	Temperature may be raised in forthcoming days. Hence the vegetable as well as fruit growers are requested to apply dried leaves, twigs, coconut fronds/ areca nut fronds in the root zone of the crops to avoid evaporation loss of water and also it conserve the moisture content in the soil.

Karaikal

Agro Advisory

Crop/livestock	Stage/Particulars	Agro Advisory
Cotton	Vegetative growth	To manage weeds in cotton, apply post emergence herbicide pyriproxyfen sodium @ 62.5g a.i./ha + quizalofop ethyl @ 50 g a.i./ha at 20-25 DAS.
Rice fallow pulses	Flowering	Two percent of DAP spray (Dissolve 4.5 kg of DAP in 10 litres of water previous day night and at morning the supernatant liquid shall be mixed with 190 litres of water) may be done at the time of flowering and another dose at fifteen days after first spray for rice fallow pulses.
Cattle	Babesiasis	In cattle, as a preventive measure for Babesiasis disease, apply Butox @ 2 ml/l of water on cattle and also spray it on the nearby areas of the cattle shed to control ectoparasites.

SMS: Farmers may postpone irrigation as light rain is expected for next few days.

Puducherry

Weather based Agro-Advisories:

Crop	Stage/ Particulars	Agro Advisory
COCONUT	Vegetative stage	Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. Encourage buildup of parasitoids (Encarsia sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent

Coconut	Vegetative stage	Due to current weather condition, button shedding occurred in coconut trees. This resulted in chances of yield loss. Hence, farmers are advised to apply farm waster (or) crop residue around the coconut tree and irrigate around the tree. Also, give root feeding of coconut tonic (200 ml / tree) 3 months interval to avoid button shedding in coconut.
Tapioca	Vegetative stage	To control Red mite in cassava, apply Pongamia oil 500 ml/ha or spray Propargite 750 ml and Sulphur 1250 g/ ha
Vegetables	Vegetative stage	Since temperature starts increasing, sucking pest like aphids, Thrips, Leaf Minor and Jassids may increases in Vegetable crops. If needed spray 5% Neem Seed Kernal Extract.
GOAT		Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ectoparasites in sheep and goats
General Advice		To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

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

Puducherry Block level

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

Light rain is likely to occur from 04.04.2023 to 08.04.2023. Light rainfall will be expected in the forthcoming days so, don't spray any chemicals to crop and better to spray chemicals at the time of no rain.

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	Vegetative stage 1. Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (Encarsia sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent
COCONUT	Vegetative stage Due to current weather condition, button shedding occurred in coconut trees. This resulted in chances of yield loss. Hence, farmers are advised to apply farm waster (or) crop residue around the coconut tree and irrigate around the tree. Also, give root feeding of coconut tonic (200 ml / tree) 3 months interval to avoid button shedding in coconut.
TAPIOCA	Vegetative stage To control Red mite in cassava, apply Pongamia oil 500 ml/ha or spray Propargite 750 ml and Sulphur 1250 g/ ha
BRINJAL	Vegetative stage - Since temperature starts increasing, sucking pest like aphids, Thrips, Leaf Minor and Jassids may increases in Vegetable crops. If needed spray 5% Neem Seed Kernal Extract.
Live Stock(Varieties)	Live Stock Specific Advisory

GOAT	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ectoparasites in sheep and goats
Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely

