



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 011/2023

For the period 0830 IST, 07th February 2023 to
0830 IST, 12th February 2023

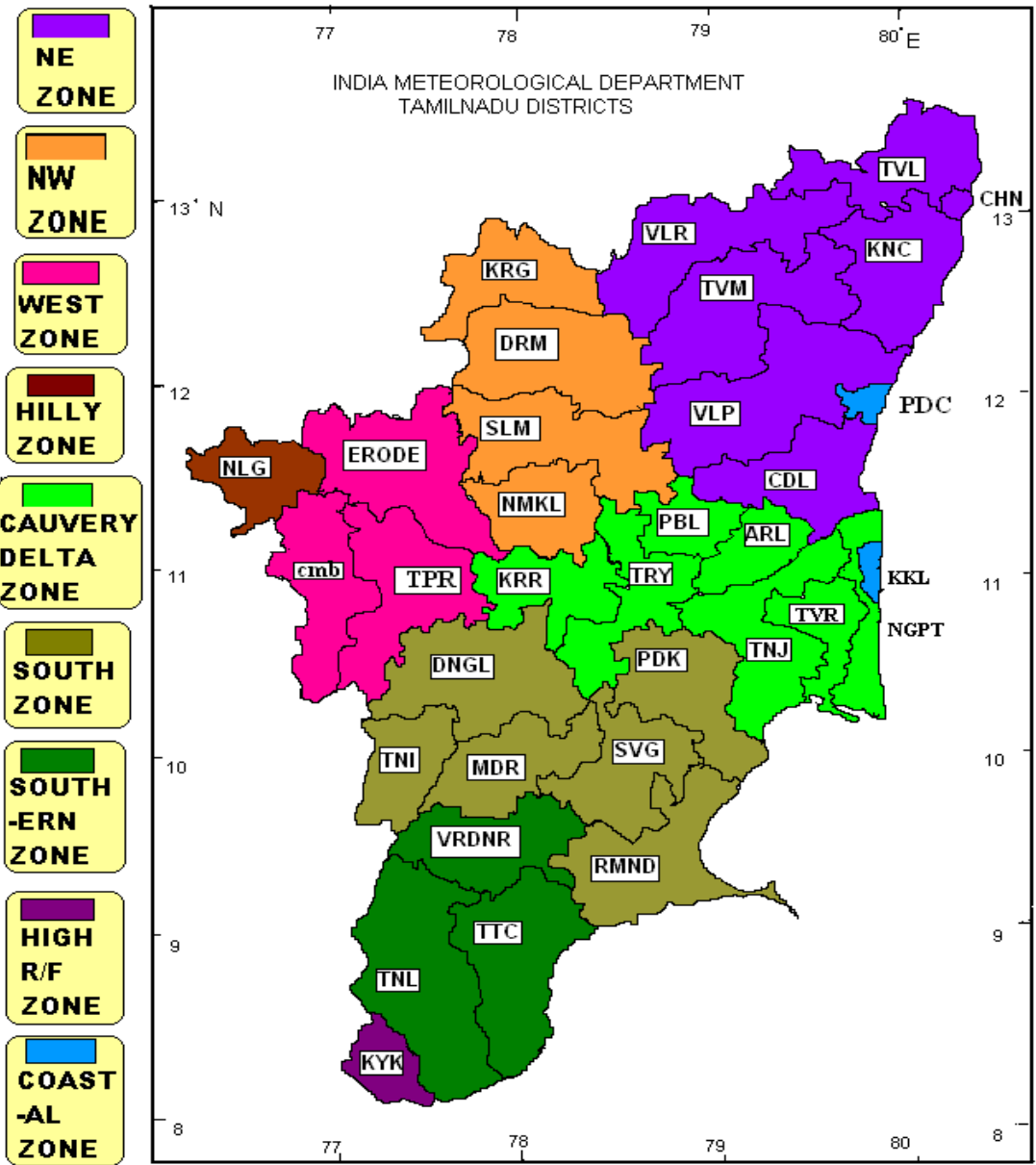
Issued on Tuesday, 07th February 2023

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 03.02.23 to 06.02.23 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **23°C – 35°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **13°C – 23°C** during the period.

Minimum temperature of range **17°C - 26°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **07°C - 11°C** during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	03.02.23	Puducherry
Fairly widespread (Many places)	04.02.23	Tamil Nadu
Scattered (Few Places)	03.02.23 04.02.23	Tamil Nadu Puducherry
Isolated (One or Two Places)	05.02.23 & 06.02.23	Tamil Nadu
Dry	05.02.23 & 06.02.23	Puducherry

Chief Amounts of Rainfall (in cms):-

03.02.23 : Oothu (dist Tirunelveli) 16, Nalumukku (dist Tirunelveli) 13, Kakkachi (dist Tirunelveli) 12, Manjolai (dist Tirunelveli), Velankanni (dist Nagapattinam), Needamangalam (dist Tiruvarur) 10 each, Nannilam (dist Tiruvarur), Nagapattinam (dist Nagapattinam), Tiruvarur (dist Tiruvarur) 9 each, Tirupoondi (dist Nagapattinam), Thirukuvalai (dist Nagapattinam) 8 each, Mannargudi (dist Tiruvarur), Adirampatnam (dist Thanjavur), Vettikadu (dist Thanjavur), Kodavasal (dist Tiruvarur), Neivasal Thenpathi (dist Thanjavur), Ayyampettai (dist Thanjavur), Orthanad (dist Thanjavur), Devakottai (dist Sivaganga) 7 each, Pattukottai (dist Thanjavur), Karaikal (dist Karaikal), Vedaranyam (dist Nagapattinam), Thanjavur (dist Thanjavur), Pandavaiyar Head (dist Tiruvarur), Alangudi (dist Pudukkottai), Manamelkudi (dist Pudukkottai), Kilanilai (dist Pudukkottai) 6 each, Peravurani (dist Thanjavur), Nagudi (dist Pudukkottai), Arantangi (dist Pudukkottai), Vallam (dist Thanjavur), Ayinkudi (dist Pudukkottai), Avudayarkoil (dist Pudukkottai), Karaikudi (dist Sivaganga), Madukkur (dist Thanjavur), Thiruthuraiipoondi (dist Tiruvarur), Mimisal (dist Pudukkottai), Manjalaru (dist Thanjavur), Thalaignayer (dist Nagapattinam), Arimalam (dist Pudukkottai), Karambakudi (dist Pudukkottai), Kurungulam (dist Thanjavur), Malaiyur (dist Pudukkottai), Mandapam (dist Ramanathapuram) 5 each, R.S.mangalam (dist Ramanathapuram), Echanviduthi (dist Thanjavur), Muthupet (dist Tiruvarur), Kodayakarai (dist Nagapattinam), Valangaiman (dist Tiruvarur), Tirumayam (dist Pudukkottai), Thanjai Papanasam (dist Thanjavur), Vamban Agro (dist Pudukkottai) 4 each, Perungalur (dist Pudukkottai), Mayiladuthurai (dist

Mayiladuthurai), Thanjavur PTO (dist Thanjavur), Pudukkottai (dist Pudukkottai), Thiruvaidaimaruthur (dist Thanjavur), Tiruvaiyaru (dist Thanjavur), Kumbakonam (dist Thanjavur), Paramakudi (dist Ramanathapuram), Gandarvakottai (dist Pudukkottai), Adanakkotai (dist Pudukkottai), Sivaganga (dist Sivaganga), Lower Anaicut (dist Thanjavur), Tirupathur (dist Sivaganga), Tarangambadi (dist Mayiladuthurai), Budalur (dist Thanjavur), Ramanathapuram (dist Ramanathapuram), Illayangudi (dist Sivaganga) 3 each, Sirkali (dist Mayiladuthurai), Theerthandathanam (dist Ramanathapuram), Keeranur (dist Pudukkottai), Illuppur (dist Pudukkottai), Kattumannarkoil (dist Cuddalore), Viralimalai (dist Pudukkottai), Tondi (dist Ramanathapuram), Annavasal (dist Pudukkottai), Tiruvadana (dist Ramanathapuram), Udayalipatti (dist Pudukkottai), Chidambaram (dist Cuddalore), Marungapuri (dist Trichy), Jayamkondam (dist Ariyalur), Karaiyur (dist Pudukkottai), Tirupuvanam (dist Sivaganga), Pulipatti (dist Madurai), Rameswaram (dist Ramanathapuram), Manalmedu (dist Mayiladuthurai), Kamudhi (dist Ramanathapuram), Kamudhi ARG (dist Ramanathapuram), Manamadurai (dist Sivaganga) 2 each, Thuvakudi Imti (dist Trichy), Lalpet (dist Cuddalore), Kulasekarapattinam (dist Toothukudi), Vattanam (dist Ramanathapuram), Tirukattupalli (dist Thanjavur), Melur (dist Madurai), Maniyachi (dist Toothukudi), Nagercoil (dist Kanyakumari), Nilakottai (dist Dindigul), Kodaikanal (dist Dindigul), Thirumanur (dist Ariyalur), Pullambadi (dist Trichy), Papanasam (dist Tirunelveli), Chittampatti (dist Madurai), Kovilpatti (dist Trichy), Grand Anaicut (dist Thanjavur), Mudukulatur (dist Ramanathapuram), Thaniamangalam (dist Madurai), Trichy AP (dist Trichy), Tiruchendur (dist Toothukudi), Kodaikannal Boat Club (dist Dindigul), Tiruchirappalli Junction (dist Trichy), Ponmalai (dist Trichy), Trichy Town (dist Trichy), Srivaikuntam (dist Toothukudi), Natham (dist Dindigul), Palayamkottai (dist Tirunelveli), Kadaladi (dist Ramanathapuram), Airport Madurai (dist Madurai), Nandhiyar Head (dist Trichy), Kannimar (dist Kanyakumari), Pelandurai (dist Cuddalore), Sattur (dist Virudhunagar), Nanguneri (dist Tirunelveli), Aruppukottai (dist Virudhunagar), Kadambur (dist Toothukudi), Madurai South (dist Madurai), Annamalai Nagar (dist Cuddalore), Manapparai (dist Trichy), Valinokam (dist Ramanathapuram), Eraniel (dist Kanyakumari), Manimutharu (dist Tirunelveli), Ponnaniyar Dam (dist Trichy), Kallakudi (dist Trichy), Vanamadevi (dist Cuddalore), Dindigul (dist Dindigul), Tallakulam (dist Madurai), Ambasamudram (dist Tirunelveli), Tuticorin (dist Toothukudi), Tirumangalam (dist Madurai), Ramnadu Agro (dist Ramanathapuram), Arupukottai Agro (dist Virudhunagar), Sattankulam ARG (dist Toothukudi) 1 each.

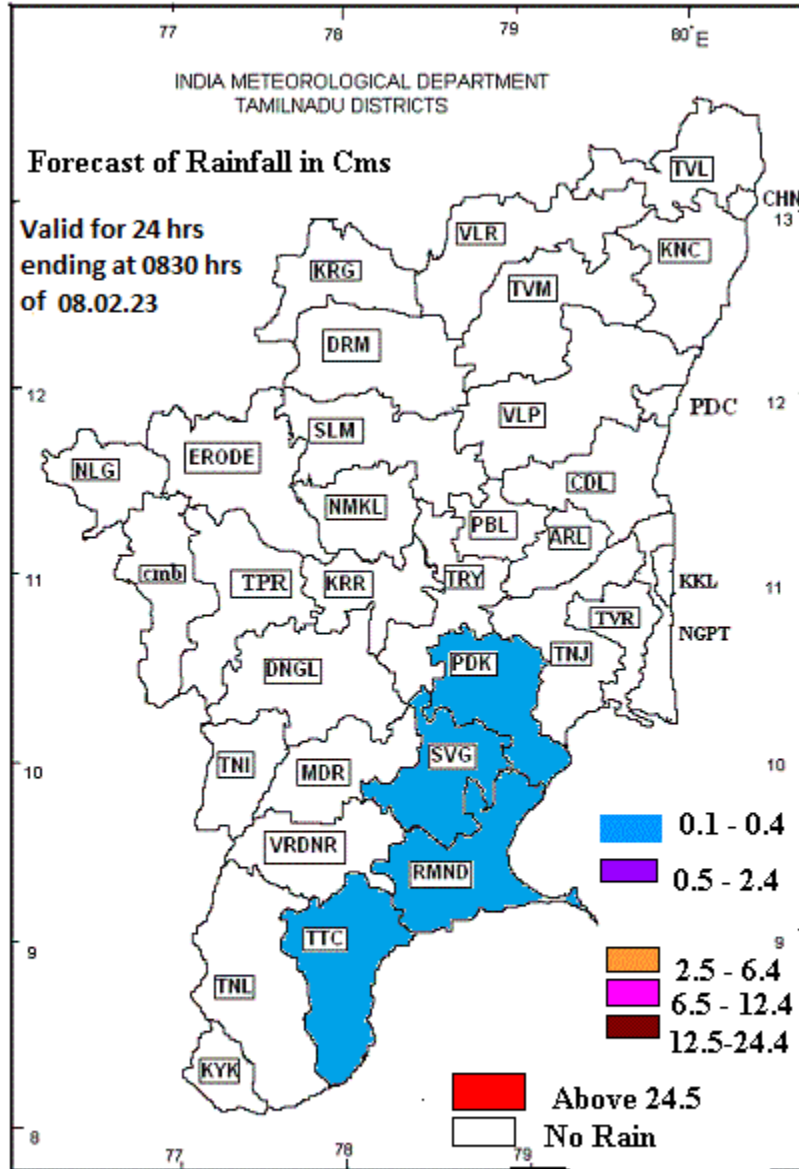
04.02.23 : Velankanni (dist Nagapattinam) 10, Sembanarkoil (PWD) (dist Mayiladuthurai) 7, Tirupoondi (dist Nagapattinam), Ponnamaravathi (dist Pudukkottai) Oothu (dist Tirunelveli) 6 each, Nalumukku (dist Tirunelveli) 5, Mannargudi (dist Tiruvarur), Mayiladuthurai (dist Mayiladuthurai), Vettikadu (dist Thanjavur) 4 each. Karaiyur (dist Pudukkottai), Sirkali (dist Mayiladuthurai), Gandarvakottai (dist Pudukkottai), Tirumayam (dist Pudukkottai), Adanakkotai (dist Pudukkottai), Karambakudi (dist Pudukkottai), Thalaignayer (dist Nagapattinam), Needamangalam (dist Tiruvarur), Keeranur (dist Pudukkottai), Annavasal (dist Pudukkottai), Manalmedu (dist Mayiladuthurai), Pudukkottai (dist Pudukkottai), Orthanad (dist Thanjavur), Manjalaru (dist Thanjavur), Thanjavur (dist Thanjavur) 3 each. Karur (dist Karur) , Musiri (dist Trichy), Viralimalai (dist Pudukkottai), Dindigul (dist Dindigul), Thiruthuraiipoondi (dist Tiruvarur), Thiruvaidaimaruthur (dist Thanjavur), Parangipettai (dist Cuddalore), Kodayakarai (dist Nagapattinam), Neivasal Thenpathi (dist Thanjavur), Illuppur (dist Pudukkottai), Thirukuvalai (dist Nagapattinam), Malaiyur (dist Pudukkottai), Usilampatti (dist Madurai), Ayyampettai (dist Thanjavur), Pattukottai (dist Thanjavur), Karaikal (dist Karaikal), Sathiar (dist Madurai), Kumbakonam (dist Thanjavur), Kodanad (dist Nilgiris), Madukkur (dist Thanjavur), Chidambaram (dist Cuddalore), Thirumoorthi Dam (dist Tiruppur), Amaravathy Dam (dist Tiruppur), Lower Anaicut (dist Thanjavur), Kurungulam (dist Thanjavur), Tiruvaiyaru (dist Thanjavur), Perungalur (dist Pudukkottai), Vedaranyam (dist Nagapattinam), Udumalpet (dist Tiruppur), Alangudi (dist Pudukkottai), Vadipatti (dist Madurai), Chettikulam (dist Perambalur), Muthupet (dist Tiruvarur), Thirumanur (dist Ariyalur), Pulipatti

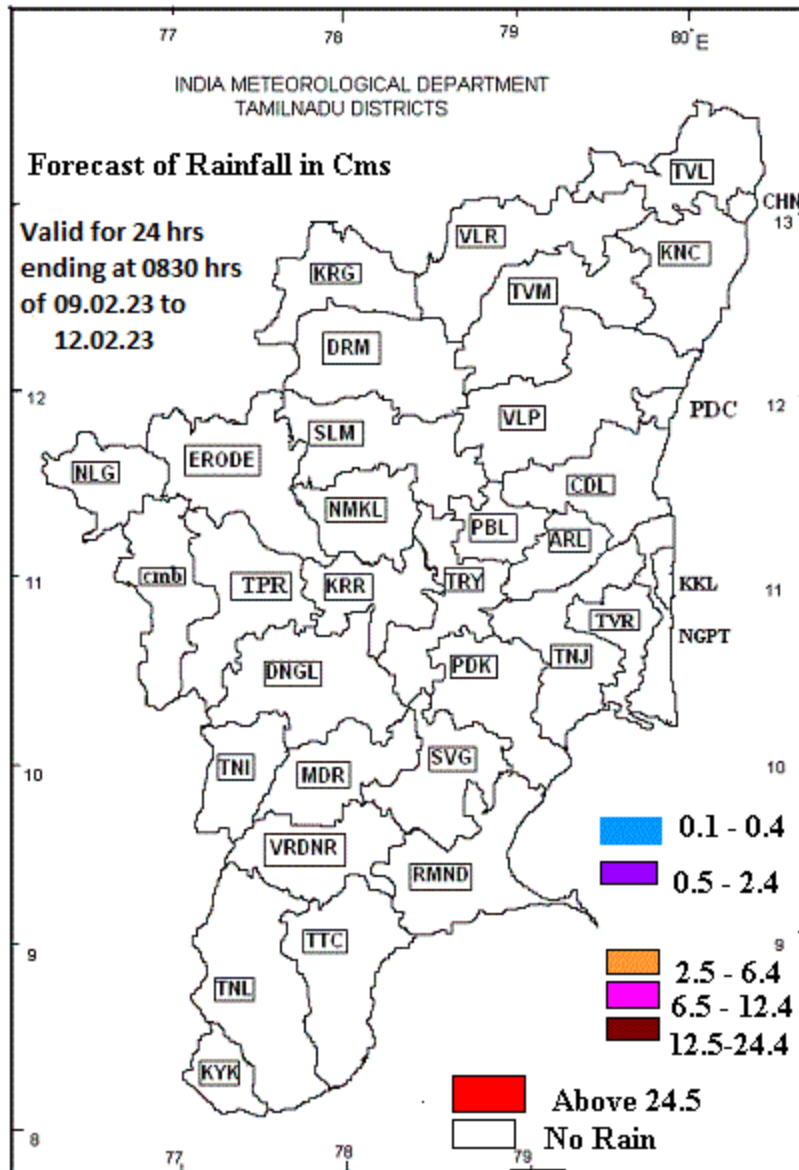
(dist Madurai), Vedasandur (dist Dindigul) 2 each. Pandavaiyar Head (dist Tiruvarur), Palavidithi (dist Karur), Bodinaickanur (dist Theni), Echanviduthi (dist Thanjavur), Mylampatti (dist Karur), Bhuvanagiri (dist Cuddalore), Melur (dist Madurai), Vepur (dist Cuddalore), Andipatti (dist Theni), Andipatti (dist Madurai), Budalur (dist Thanjavur), Valangaiman (dist Tiruvarur), Nannilam (dist Tiruvarur), Tiruvarur (dist Tiruvarur), Aranmanaipudur (dist Theni), K.paramathi (dist Karur), Tarangambadi (dist Mayiladuthurai), Kayathar Arg (dist Toothukudi), Thenparanadu (dist Trichy), Ayinkudi (dist Pudukkottai), Peravurani (dist Thanjavur), Marungapuri (dist Trichy), Panchapatti (dist Karur), Kodaikannal Boat Club (dist Dindigul), Krishnarayapuram (dist Karur), Vallam (dist Thanjavur), Virudachalam (dist Cuddalore), Lalpet (dist Cuddalore), Sothuparai (dist Theni), Pelandurai (dist Cuddalore), Kodaikanal (dist Dindigul), Srimushnam (dist Cuddalore), Tirukattupalli (dist Thanjavur), Collectorate (dist Cuddalore), Me Mathur (dist Cuddalore), Vellakoil (dist Tiruppur), Madathukulam (dist Tiruppur), Jayamkondam (dist Ariyalur), Puthu Vettakudi (dist Perambalur), Thanjai Papanasam (dist Thanjavur), Chittampatti (dist Madurai), Tirupathur (dist Sivaganga), Nagudi (dist Pudukkottai), Vanamadevi (dist Cuddalore), Udayalipatti (dist Pudukkottai), Arimalam (dist Pudukkottai), Kuppanatham (dist Cuddalore), Kodavasal (dist Tiruvarur), Kadambur (dist Toothukudi), Veppanthattai (dist Perambalur), Billimalai Estate (dist Nilgiris), Pulivalam (dist Trichy), Kamatchipuram (dist Dindigul), Panruti (dist Cuddalore), Paramathivelur (dist Namakkal), Kattumayilur (dist Cuddalore), Kuppanampatti (dist Madurai), Adirampatnam (dist Thanjavur), Avudayarkoil (dist Pudukkottai), Aliyar (dist Coimbatore), Ayikudi (dist Tenkasi), Palani (dist Dindigul), Kovilpatti (dist Trichy), Satankulam (dist Toothukudi), Cheranmahadevi (dist Tirunelveli), Sirukudi (dist Trichy), Mulanur (dist Tiruppur), Veerapandi (dist Theni), Ketti (dist Nilgiris), Thekkadi (dist Theni), Kangeyam (dist Tiruppur), Thuvakudi Imti (dist Trichy), Thaniamangalam (dist Madurai), Adar Estate (dist Nilgiris), Perambalur (dist Perambalur), Chidambaram Aws (dist Cuddalore), Vathalai Anaicut (dist Trichy), Ponmalai (dist Trichy), Tiruchirappalli Junctio (dist Trichy), Kulithalai (dist Karur), Nilakottai (dist Dindigul), Vaigai Dam (dist Theni), Annamalai Nagar (dist Cuddalore), Coonoor Pto (dist Nilgiris) 1 each.

05.02.23 : Oothu (dist Tirunelveli), Nalumukku (dist Tirunelveli) 3 each, Kakkachi (dist Tirunelveli), Manjolai (dist Tirunelveli), Rameswaram (dist Ramanathapuram) 2 each, Thalaingnayer (dist Nagapattinam), Nannilam (dist Tiruvarur), Pamban (dist Ramanathapuram), Papanasam (dist Tirunelveli), Vedanatham (dist Toothukudi), Thangachimadam (dist Ramanathapuram), Cheranmahadevi (dist Tirunelveli), Palayamkottai (dist Tirunelveli), Ambasamudram (dist Tirunelveli), Manimutharu (dist Tirunelveli), Kannadian Anaicut (dist Tirunelveli), Gadana Dam Section (dist Tirunelveli), Servalar Dam (dist Tirunelveli), Moolaikaraipatti (dist Tirunelveli), Tirunelveli AWS (dist Tirunelveli) 1 each.

06.02.23 : Nil

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 07.02.23
VALID FOR THE NEXT 5 DAYS**





District-wise Agromet Advisories

Chennai

SMS Advisory:

(09.02.2023-12.02.2023) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory:

During this month if the livestock are infested with ectoparasites care should be taken to give medicated dip during hot parts of the day and dry the animals to avoid chills.

The livestock must not be allowed to graze in very early morning.

The calving boxes must be provided with proper bedding of 10-12 to provide warmth. The newborn kids and lambs must be supplemented with vitamins to improve their immunity to withstand cold

The surplus fodder available must be preserved as silage for summer feeding.

Newly born piglets must be protected from cold drafts by provision of any means of heat source

The livestock must be provided in clean wholesome drinking water

To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.

The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age). Add 5% shell grit in laying hens for optimum egg production.

Kancheepuram

SMS Advisory:

(09.02.2023-12.02.2023) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory:

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Agricultural advisory Groundnut:

In groundnut there are possibilities of stemrot infestation. Infected plants may look yellowish and dry. Farmers are advised to trench soil with Carbendazim @0.5g/liter of water.

Blackgram:

There are possibilities of leaf feeding insect infestation in pulses crops. For management farmers are advised to spray dimethoate @ 0.03%.

Chilli:

Farmers those who planting the chilli seedling are advised to apply 100kg/ac of neem cake before last ploughing.

Coconut:

In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil @ 3%.

Villupuram

SMS Advisory:

(09.02.2023-12.02.2023) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory:

During this month if the livestock are infested with ectoparasites care should be taken to give medicated dip during hot parts of the day and dry the animals to avoid chills.

The livestock must not be allowed to graze in very early morning.

The calving boxes must be provided with proper bedding of 10-12 to provide warmth. The newborn kids and lambs must be supplemented with vitamins to improve their immunity to withstand cold

The surplus fodder available must be preserved as silage for summer feeding.

Newly born piglets must be protected from cold drafts by provision of any means of heat source

The livestock must be provided in clean wholesome drinking water

To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.

The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age). Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory Rice:

Due to prevailing weather condition false smut is found in paddy crop. To manage the false smut, spray copper oxychloride 50 WG 2.5 g/l or copper hydroxide 77 WG 2.0 g/l or propiconazole 1.0 ml/l at panicle stage and 50 % flowering stage.

Blackgram:

Due to prevailing weather condition there are chances of blackgram pot borer infestation. To control spray thiodicarb 75% WP 250 g/ac.

Groundnut:

Due to prevailing weather condition there are chances of groundnut leaf miner infestation. To control spray methyl demeton 25 EC 400 ml/ac or dimethiate 30 EC 200 ml/ac.

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.

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.

Tiruvannamalai

SMS Advisory:

(09.02.2023-12.02.2023) Dry weather is very likely to prevail over Tamilnadu.

Livestock Advisory:

During this month if the livestock are infested with ectoparasites care should be taken to give medicated dip during hot parts of the day and dry the animals to avoid chills.

The livestock must not be allowed to graze in very early morning.

The calving boxes must be provided with proper bedding of 10-12 to provide warmth. The newborn kids and lambs must be supplemented with vitamins to improve their immunity to withstand cold

The surplus fodder available must be preserved as silage for summer feeding.

Newly born piglets must be protected from cold drafts by provision of any means of heat source

The livestock must be provided in clean wholesome drinking water

To prevent the methane and ammonia accumulation in pig sty provision of proper ventilation is necessary.

The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age). Add 5% shell grit in laying hens for optimum egg production.

Agricultural advisory

Rice:

To control brown leaf spot and blast disease in nursery plot, spray SAAF (Carbendazim 12% + mancozeb 63%) @ 2g per litre of water. To control leaf folder, spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water. Spray 1% PPFM and incorporate the multiplied azolla insitu in the field for decomposition to release nitrogen.

Groundnut:

To increase flower retention, pod filling and to induce drought tolerance apart from yield improvement, 2 sprays of groundnut rich @ 5 kg / ha (for each spray) at 35 DAS (50% flowering) and 45 DAS (pod development stage).

Banana:

To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 2.5 kg/ha. or drenching with Bacillus subtilis 5 ml/litre.

Coconut:

To control Rugose Spiraling Whitefly in coconut, release of Encarsia guadeloupae @ 100 parasitoids /ac (10 leafbits/ac), spray neem oil @ 10ml or azadiractin 1% @ 5ml/litre or installation of yellow sticky traps (5ft. X 1.5 ft.) smeared with castor oil @ 5ml ac. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 5 traps/ha.

Chilli:

Prevailing weather condition is favorable for thrips incidence in chilli. The symptom of damage is infected leaves develop crinkles and curl upwards. Hence farmers are requested to monitor the field and spray fipronil 1.5ml/litre.

Mango:

NAA 20 PPM is sprayed at flowering to increase fruit retention during February 0.5% urea (5g / lit) or 1% potassium nitrate (10 g/lit) maybe sprayed to induce flowering, if trees do not flower by that time.

Tiruvallur

From extended range forecast below normal rainfall, normal maximum temperature and minimum temperature expected for the period of 12.02.2023 to 18.02.2023 over Tamil Nadu. Farmers are advised to irrigate the crop based on the soil moisture.

Crop(Varieties)	Crop Specific Advisory
RICE	Navarai season- Nursery stage- 1.Green plant hopper- Broadcast carbofuran 3% CG 3.5 kg in 20 cents and Maintain 2.5 cm of water in the nursery; 2.Thrips- Spray Thiamethoxam 25% WG 4g/ 40Lit /20 cent; 3.whorlaggot- Spray fipronil 5% SC 400g - 600g per acre in 200 litre of water.

RICE	Navarai season- Transplanting to Tillering stage- 1.Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 2.Brown spot- Spray metominostrobin 200 ml per acre in 200 litres of water; 3.Leaf folder- Spray Acephate 75 % SP 400 ml (Or) Spray Azadirachtin 0.03% 400ml per acre in 200 litres of water.
GROUNDNUT	1.Early leaf spot- Spray carbendazim @ 200g (or) Spray chlorothalonil @ 400g per acre in 200 liters of water; 2. Tobacco caterpillar- Spray Methomyl 40 SP 300 ml per acre in 200 litres water to control the early instar (1st to 3rd instar) larvae. (or) Spray NSKE 5%.
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Thrips- Spray imidacloprid 17.8% SL 3 ml/ 10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/ 1 liter of water.
BRINJAL	1.Little Leaf - Remove the affected plants in the early stages and spray dimethoate 30 EC @ 1 ml/l to control the vector; 2. Fruit borer- Spray Neem Seed Kernel Extract 5 % (or) Spray Dimethoate 30 % EC 7.0 ml/10 l. and Encourage the activity of larval parasitoids: <i>Pristomerus testaceus</i> , <i>Cremastus flavoorbitalis</i> .

Vellore

As per the IMD extended range forecast (ERF), generally normal rainfall and temperature is likely over Tamil Nadu and Puducherry during 10th to 16th February 2023. Prevailing weather condition is favorable for pest and disease incidence for all crops. Farmers are advised to monitor their field and take necessary plant protection measures based on symptoms of damage. Dry weather may be expected on forthcoming days. So, farmers are advised to irrigate the field based on soil moisture.

Crop(Varieties)	Crop Specific Advisory
RICE	To control brown leaf spot and blast disease in nursery plot, spray SAAF (Carbendazim 12% + mancozeb 63%) @ 2g per litre of water. To control leaf folder, spray chlorantraniliprole 18.5% SC @ 6mg per 10 litre of water. Spray 1% PPFM and incorporate the multiplied azolla in situ in the field for decomposition to release nitrogen.
GROUNDNUT	To increase flower retention, pod filling and to induce drought tolerance apart from yield improvement, 2 sprays of groundnut rich @ 5 kg / ha (for each spray) at 35 DAS (50 % flowering) and 45 DAS (pod development stage).
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	To control wilt in banana, apply <i>Bacillus subtilis</i> and <i>Trichoderma viride</i> @ 2.5 kg/ha or drenching with <i>Bacillus subtilis</i> 5 ml/litre.

COCONUT	To control Rugose Spiraling Whitefly in coconut, release of Encarsia guadeloupeae @ 100 parasitoids /ac (10 leafbits/ac), spray neem oil@10ml or azadiractin 1%@5ml/litre or Installation of yellow sticky traps (5ft. X 1.5 ft.) smeared with castor oil @ 5ml ac. To control rhinoceros beetle, setup Rhino lure pheromone trap @ 5 traps/ha.
CHILLI	Prevailing weather condition is favorable for thrips incidence in chilli. The symptom of damage is infected leaves develop crinckles and curl upwards. Hence farmers are requested to monitor the field and spray fipronil 1.5ml/litre.
MANGO	NAA 20 PPM is sprayed at flowering to increase fruit retention during February 0.5 % urea (5g / lit) or 1 % potassium nitrate (10 g/lit) maybe sprayed to induce flowering, if trees do not flower by that time.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	During night, all the animals should be tethered in a covered shelter. To maintain the body temperature of animals in milk, they should be fed with a mixture of oil cakes and 100 gram of jiggery per cow. Give mineral mixture 30 gram/cow.
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.
Poultry(Varieties)	Poultry Specific Advisory
HEN	Brooding of chicks upto one month of age with pot or electrical means. Give lukewarm water for drinking during night and morning. Give powder Neodox forto @ 1gram per two litres of drinking water.

Cuddalore

From extended range forecast below normal rainfall, normal maximum temperature and minimum temperature expected for the period of 12.02.2023 to 18.02.2023 over Tamil Nadu. Dry weather expecting forthcoming days so, farmers are advised to irrigate the crop based on the soil moisture.

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	Due to prevailing weather condition there are chances of groundnut tikka leaf spot and rust infection. To control spray chlorothalonil 2.0 g/l or mancozeb 2.5 g/l.
GROUNDNUT	Due to prevailing weather condition there are chances of groundnut root rot infection. To control soil application bacillus subtilis 2.5 kg/ha with 50 kg of well decomposed FYM/sand at 30 DAS. Spot drench with carbendazim 1.0g/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
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.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	In samba paddy field, it is right time to sow the rice fallow pulses. ADT 3, ADT 6 blackgram and ADT 3 green gram varieties are suitable under rice fallow condition. To avoid the root rot diseases treat the seeds with carbendazim @ 2.0 g/kg of seed 24 hours before sowing (or) Trichoderma viride @ 4.0 g/kg of seed (or) bacillus subtilis @ 10 g/kg seed.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Cool dry days with wind speed of 4-10 km/hr is expected in western zone during next five days. One or two places may receive light rainfall. Dry days are continued. Provide irrigation based on soil moisture during evening hours and apply mulches to conserve moisture. By utilizing dry weather harvested produce may be dried and stored properly.
Rice	Planting Milking	Navarai season rice planting may be initiated with wet and dry method of irrigation. Prevailing weather condition is favorable for the ear head bug incidence in paddy crop hence farmers are requested to monitor the crop carefully if required spray dichlorvos @ 2ml/liter of water.
Sugarcane	Vegetative	Since dry weather is continuing, early shoot borer incidence in sugarcane may be increased. Hence farmers are requested to provide frequent irrigation to keep the field wet and do mulching.
Cucurbits	Vegetative Flowering	To encourage more female flower in cucurbits, spray Ethrel 100 ppm (1 ml in 10 lit of water) four times from 10 to 15 days after sowing at weekly intervals when sufficient moisture is available.
Coconut		Prevailing weather conditions is favorable for the leaf blight incidence in coconut hence farmers are request monitor the trees and if incidence seen above economical threshold level, carbendazim 2 gm may be mixed in 100 ml of water and root feeding may be done in this water for 3 times in three months interval. Since temperature starts rising, the black headed caterpillar in coconut may be seen increasing. To control the above pest in initial stage the braconid parasitoids may be released @ 2100 /ac. The parasitoids are now

		available in Coconut Research Station Aliyarnagar.
Turmeric	Maturity	Interval between irrigation in turmeric crop has to be increased to facilitate the maturity.
Tapioca		White fly incidence is seen in tapioca hence farmers are requested to monitor the crop carefully and place yellow sticky trap in 5 or 6 places and if required spray diazophos @ 2ml/water or imidacholoprid @ 0.6ml/ liter of water
Animal		Since the weather is conducive for occurrence of mastitis disease in dairy animals, wash the udder with 1% KMnO4 solution before and after milking.

SMS advisory

Since, evening relative humidity falls to less than 30 percent, provide adequate drinking water to avoid thirstiness for livestock.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Cool dry days with wind speed of 4-10 km/hr is expected in western zone during next five days. One or two places may receive light rainfall. Dry days are continued. Provide irrigation based on soil moisture during evening hours and apply mulches to conserve moisture. By utilizing dry weather harvested produce may be dried and stored properly.
Rice	Planting Milking	Navarai season rice planting may be initiated with wet and dry method of irrigation. Prevailing weather condition is favorable for the ear head bug incidence in paddy crop hence farmers are requested to monitor the crop carefully if required spray dichlorvos @ 2ml/liter of water.
Sugarcane	Vegetative	Since dry weather is continuing, early shoot borer incidence in sugarcane may be increased. Hence farmers are requested to provide frequent irrigation to keep the field wet and do mulching.
Cucurbits	Vegetative Flowering	To encourage more female flower in cucurbits, spray Ethrel 100 ppm (1 ml in 10 lit of water) four times from 10 to 15 days after sowing at weekly intervals when sufficient moisture is available.
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Turmeric	Maturity	Interval between irrigation in turmeric crop has to be increased to facilitate the maturity.
Tapioca		White fly incidence is seen in tapioca hence farmers are requested to monitor the crop carefully and place yellow sticky trap in 5 or 6 places and

		if required spray diazophos @ 2ml/water or imidacholoprid @ 0.6ml/ liter of water
Animal		Since the weather is conducive for occurrence of mastitis disease in dairy animals, wash the udder with 1% KMnO ₄ solution before and after milking.

SMS advisory

Since, evening relative humidity falls to less than 30 percent, provide adequate drinking water to avoid thirstiness for livestock.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Cool dry days with wind speed of 4-10 km/hr is expected in western zone during next five days. One or two places may receive light rainfall. Dry days are continued. Provide irrigation based on soil moisture during evening hours and apply mulches to conserve moisture. By utilizing dry weather harvested produce may be dried and stored properly.
Rice	Planting Milking	Navarai season rice planting may be initiated with wet and dry method of irrigation. Prevailing weather condition is favorable for the ear head bug incidence in paddy crop hence farmers are requested to monitor the crop carefully if required spray dichlorvos @ 2ml/liter of water.
Sugarcane	Vegetative	Since dry weather is continuing, early shoot borer incidence in sugarcane may be increased. Hence farmers are requested to provide frequent irrigation to keep the field wet and do mulching.
Cucurbits	Vegetative Flowering	To encourage more female flower in cucurbits, spray Ethrel 100 ppm (1 ml in 10 lit of water) four times from 10 to 15 days after sowing at weekly intervals when sufficient moisture is available.
Coconut		Prevailing weather conditions is favorable for the leaf blight incidence in coconut hence farmers are request monitor the trees and if incidence seen above economical threshold level, carbendazim 2 gm may be mixed in 100 ml of water and root feeding may be done in this water for 3 times in three months interval. Since temperature starts rising, the black headed caterpillar in coconut may be seen increasing. To control the above pest in initial stage the braconid parasitoids may be released @ 2100 /ac. The parasitoids are now available in Coconut Research Station Aliyarnagar.
Animal		Since the weather is conducive for occurrence of mastitis disease in dairy animals, wash the udder with 1% KMnO ₄ solution before and after milking.

SMS advisory

Since, evening relative humidity falls to less than 30 percent, provide adequate drinking water to avoid thirstiness for livestock.

Nilgiris

To manage cut worms in potato, plough the soil during summer months, set up sprinkler system during day time to expose the hidden larvae for predation by birds and apply NSKE 5% or neem oil @ 2 lit/acre using 500 litres of spray fluid. Soil application of Bacillus subtilis (BbV 57) or Pseudomonas fluorescens @ 10 g/vine is recommended for the management of root knot and reniform nematode population in black pepper.

Crop(Varieties)	Crop Specific Advisory
GARLIC	Foliar application of water-soluble micronutrient mixture @ 0.50 g/liter of water during 30, 45 and 60 days after planting may be done to increase the Garlic bulb yield.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

Agro Advisory

Crop	Stage	Advisory
General		Provide drainage facilities to waterlogged fields to promote drying of land and rice crop.
Rice	Harvest	Harvest the paddy crop at optimum moisture content during the ensuing dry weather conditions.
Pulses	Sowing	Treat the black gram seeds with Beauveria basiana @10g per kg of seeds before sowing.
Pulses	Sowing	Sow black gram or green gram in rice harvested fields.
Cattle	Cow and Goat	The prevailing night time temperature is favorable for pneumonia formation in cattle. To reduce the risk, suitable nighttime shelter with enough heating provision must be given.

SMS advisory

Farmers are advised to harvest matured paddy at optimum moisture content.

Dindigul

Extended range Forecast for next week (10th – 16th Feb 2023): Rainfall: As per extended range predictions, there is possibility of slightly below normal to near normal rainfall likely over the district during 10th to 16th Feb 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 10th to 16th Feb 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal to above normal and are likely to be in the range 14°C to 24°C over the district during next week 10th to 16th Feb 2023. Since mainly dry weather is expected for the next 5 days. Maize & Cotton cultivators are advised to plan for harvest. For the next five days, Max temp- 33°C-34°C & Min temp -18°C- 20°C. Partly cloudy sky for next 5 days. Wind speed 4-10 kmph from NE direction.

Crop(Varieties)	Crop Specific Advisory
RICE	The incense of Grain discolouration is expected in paddy. The paddy grains may be infected by various organisms before or after harvesting causing discolouration, the extent of which varies according to season and locality. Dark brown or black spots appear on the grains. This disease is responsible for quantitative and qualitative losses of grains. To control this, during the flowering stage, spray Propiconazole @ 200ml per acre, spray 2 times in 12 days intervals.
Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	The incense of Septoria Leaf Spot disease is noticed in Tomato. The plant may be attacked at any stage of its growth. The disease is characterized by numerous, small, grey, circular leaf spots having a dark border. Remove and destruct the affected
	plant parts. Spraying Copper-oxchloride @ 350gm per acre in the field may effectively control the disease.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Control of snail-borne trematode infections in small ruminants and cattle • Snail-borne trematode infections such as amphistomosis and fasciolosis is very common in ruminants during the months of January, February, March and April, particularly among the young stock which goes for grazing to the areas where water bodies are located. The affected small ruminants will have severe watery foetid diarrhoea, anaemia, sub-mandibular oedema, and frequent drinking, besides recurrent bloat may occur in cattle. These fluke infections can be controlled by early diagnosis through faecal examination and treatment with appropriate dewormer. Animals should not be allowed for grazing near water bodies.

Madurai

Extended range Forecast for next week (10th – 16th Feb 2023): Rainfall: As per extended range predictions, there is possibility of slightly below normal to near normal rainfall likely over the district during 10th to 16th Feb 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 10th to 16th Feb 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal to above normal and are likely to be in the range 14°C to 24°C over the district during next week 10th to 16th Feb 2023. Since mainly dry weather is expected for the coming days. Maize & Cotton cultivators are advised to plan for harvest. For the next five days, Max temp- 33°C-34°C & Min temp -18°C- 20°C. Partly cloudy sky for next 5 days. Wind speed 4-10 kmph from NE direction.

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	The incidence of Gram pod borer is expected in the Groundnut crop. The larvae feed on the foliage and prefer flowers and buds, when tender leaf buds are eaten, symmetrical holes or cuttings can be seen upon the unfolding of leaflets. Install pheromone trap @ 5Nos./ha. Releasing of Trichogramma chilonis @ 1 lakh/ha, 40 days after sowing of groundnut can effectively check the pest. Or spray any one of the following insecticides Indoxacarb

	14.5%SC @ 160ml /acre (0.5ml per litre) or Spinosad 45% SC @ 60ml per acre (0.5ml/litre) from flower bud formation at fortnight intervals.
Horticulture(Varieties)	Horticulture Specific Advisory
GUAVA	The incidence of spiralling whitefly is expected in Guava. The symptoms of damage are nymphs and adults suck the sap from leaves. Due to honeydew secretion, the sooty mould fungus is developed, yellowing and shedding of leaves. To control, place yellow sticky trap @ 12 Nos. per acre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Control of snail-borne trematode infections in small ruminants and cattle • Snail-borne trematode infections such as amphistomosis and fasciolosis is very common in ruminants during the months of January, February, March and April, particularly among the young stock which goes for grazing to the areas where water bodies are located. The affected small ruminants will have severe watery foetid diarrhoea, anaemia, sub-mandibular oedema, and frequent drinking, besides recurrent bloat may occur in cattle. These fluke infections can be controlled by early diagnosis through faecal examination and treatment with appropriate dewormer. Animals should not be allowed for grazing near water bodies.

Pudukottai

Since cloudy humid weather is prevailing, farmers are advised to use the yellow sticky trap @ 10-15/acre to monitor the incidence of sucking pests and Blue sticky trap @ 5-10/acre to monitor the aphids and leaf miner. Farmers are advised to vaccinate their Goats for Goat Pox disease. The first dose is at the age of 3 to 6 months and the booster dose will be given once a year before the summer season.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Farmers who have cultivated In black gram In rice fallow should apply 4 kg of DAP per acre at the time of flowering and soak it in 20 liters of water for one day and then mix the filtered water with 180 liters of water in the morning or evening at intervals of 15 days. Spray with hand sprayer. Pure Water instead of DAP solution; Spray pulse wonder @2 kg per acre.
GROUNDNUT	OILSEEDS Plant Nutrition :: Yield Improvement Tips 1. Foliar spray of mepiquat chloride 125 ppm enhanced the pod set and pod yield in groundnut. 2. Soaking seeds in 100 ppm ethrel enhanced the germination in groundnut. 3. For inducing dormancy in groundnut preharvest spray with 5 per cent Prosopis pod extract is found useful. 4. Foliar spray of Brassinolide at 0.5 ppm at flowering and pod formation stages increase the pod yield in groundnut. 5. Foliar spray of salicylic acid 100 ppm enhanced the pod set and seed yield in sesamum when sprayed on flowering and capsule filling stages. 6.
	In coconut root feeding with 40 ppm of NAA reduced the button shedding and increase the nut yield.
GROUNDNUT	In areas where water is scarce at the time of flowering, spraying 0.5 per cent potassium chloride on the groundnut crop during flowering and fruit formation will reduce water retention.

BLACK GRAM	There is a chance for the infestation of the sucking pests including Hoppers, Thrips and White flies in the rice fallow blackgram due to prevailing weather condition. To control this, spray Azadiractin at 0.03% or Triazophos at 2.5 ml/lit of water.
JASMINE	It is the suitable time for pruning in Jasmine cultivation. The Jasmine plant bushes are pruned to 50 cm height from the ground level. During pruning the diseased twigs and unwanted branches should be removed, it helps to expose the sunlight to plants.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	The ewes does which are ready for mating must be supplemented with leguminous fodder and energy rich fodder along with minerals mixture and vitamins before mating where is called flushing.
Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Dry weather will be expected on forthcoming days. So farmers are advised to irrigate crops based on the soil moisture.

Ramanathapuram

From extended range forecast, Below normal rainfall, Normal maximum temperature and Minimum temperature expected for the period of February 12 to February 18 over Tamil Nadu. Changing weather condition is favourable for ectoparasites in livestock so apply de-ticking solution like cypermethrin 1% (clinar) externally.

Crop(Varieties)	Crop Specific Advisory
COTTON	Prevailing weather condition incidence of leaf hopper is expected in cotton. The damage symptoms are margin of the leaves start curling downwards and reddening. In the case of severe infestation, leaves get a bronze or brick red colour which is typical "hopper burn" symptom. The margin of the
	leaves get broken and crumble into pieces when crushed. The leaves dried up and are shed and the growth of the crop is retarded. If symptoms are observed in cotton field spray any one of the following chemicals. Fipronil 5% SC @ 600 ml/ac or Imidacloprid 17.8% SL @ 40 ml/ac or Thiamethoxam 25% WG @ 40g/ac.
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Due to the prevailing weather condition incidence of mite is noticed in chilli. The damage symptoms are downward curling and crinkling of leaves. Leaves with elongated petiole and stunted in growth. If symptoms are observed in field spray any one of the following miticide at rotational basis. Spiromesifen 22.9 SC @ 100 ml or Fenpyroximate 5 EC @ 200 ml or Fenazaquin 10 EC 400 ml

COCONUT	Due to the prevailing weather condition incidence of incidence of thanjore wilt is expected in coconut. Initial symptoms of Thanjorewilt 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).
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Sivagangai

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Minimum Temperature: Minimum temperatures are likely to be generally near normal to above normal and are likely to be in the range 14°C to 24°C over the district during next week 10th to 16th Feb 2023. Since mainly dry weather is expected for the coming days. Maize & Cotton cultivators are advised to plan for harvest. Chances of very light rain on 8 Feb. Max temp- 33°C-34°C & Min temp -18°C-20°C. Partly cloudy sky for next 5 days. Wind speed 4-10 kmph from NE direction.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	The incense of the Yellow mosaic is seen in pulses. Farmers are advised to set up yellow sticky traps @ 5 No. per acre to monitor and manage the movements of the vector whitefly, if the vector population is noticed farmers are advised to spray Imidachloprid @ 100gm /acre to manage the vector whitefly.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	The incense of Hard scale is found in Banana. Hard-scale grubs bore into the rhizome and cause the death of the banana plant. The symptoms are, the presence of dark-coloured red tunnels in the rhizomes, death of unopened pipe and withering of outer leaves. To control this, collect and destroy the affected plant parts. Spray with Beauveria bassiana @ 5gm + Metarhizium @ 5gm + Verticillium lecanii @ 5gms per litre of water. Or release coccinellid predators like Chilocorus nigritus, Symnus coccivora in affected banana fields.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Control of snail-borne trematode infections in small ruminants and cattle • Snail-borne trematode infections such as amphistomosis and fasciolosis is very common in ruminants during the months of January, February, March and April, particularly among the young stock which goes for grazing to the areas where water bodies are located. The affected small ruminants will have severe watery foetid diarrhoea, anaemia, sub-mandibular oedema, and frequent drinking, besides recurrent bloat may occur in cattle. These fluke infections can be controlled by early diagnosis through faecal examination and

	treatment with appropriate dewormer. Animals should not be allowed for grazing near water bodies.
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Theni

Extended range Forecast for next week (10th – 16th Feb 2023): Rainfall: As per extended range predictions, there is possibility of slightly below normal to near normal rainfall likely over the district during 10th to 16th Feb 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 34°C over the plains of the district during next week. 10th to 16th Feb 2023.

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Crop(Varieties)	Crop Specific Advisory
SUGARCANE	The occurrence of woolly Aphids is noticed in Sugarcane. These Aphids suck the sap from leaves, excrete honeydew and development of sooty mould fungus, white chalk powder-like coating on the ground and leaves. To manage the woolly Aphids field release of biocontrol agents like <i>Dipha aphidivora</i> , <i>Micromus</i> and coccinellids. Avoiding transportation of aphid- infested leaves from one location to another. Avoid the use of an infested cane for seed purposes. Ensure that the insecticide-treated leaves are not used as fodder. Spray any one of the following insecticides Acephate 75SP @2gm/lit or chloropyrifos 25 EC @2ml/lit. once or twice in affected patches
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	The occurrence of powdery mildew may be seen in chilly. due to the incense of powdery mildew, shedding of foliage, and white powdery growth on the lower side of leaves. To control this spray wettable sulphur @ 25gm per tank or Hexaconazole @ 25ml per 10 litres of water.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Control of snail-borne trematode infections in small ruminants and cattle • Snail-borne trematode infections such as amphistomosis and fasciolosis is very common in ruminants during the months of January, February, March and April, particularly among the young stock which goes for grazing to the areas where water bodies are located. The affected small ruminants will have severe watery foetid diarrhoea, anaemia, sub-mandibular oedema, and frequent drinking, besides recurrent bloat may occur in cattle. These fluke infections can be controlled by early diagnosis through faecal examination and treatment with appropriate dewormer. Animals should not be allowed for grazing near water bodies.

Kanyakumari

AGRO ADVISORIES.

S. N.	CROP	STAGES	ADVISORIES
	There is no possibility of rainfall during forthcoming five days. Maximum temperature will range from 33 - 34°C and minimum temperature will range from 22 - 23°C. Mostly cloudy condition may prevail. The relative humidity will be 80 %. Wind speed may be 8 – 14 km / hr in East direction.		
1.	Banana	All Stages	As the temperature will shoot high and wind speed (8 to 15 km/hr) is also high evapotranspiration will be more. So, irrigation and mulching can be taken up to conserve moisture. Staking should be given to bananas of more than 7 months to prevent from wind damage.
2.	Tapioca	Growth stage	Due to hot and dry weather, mealy bug infestation may occur spraying of fish oil rosin soap @ 25 gram per litre is recommended to control the pest.
3.	Rubber	New shoot formation and flowering	Spray 1% Bordeaux mixture or 0.2% Mancozeb to control leaf spot.
4.	Paddy	Panicle initiation stage	Due to the prevailing weather conditions, there are chances for increase in the severity of infection of rice stem borer. Hence, spraying of chlorantriliprole 0.3 ml/l or flubendiamide 0.1ml / litre is essential for their management.
5.	Agrl. and Horticultural crops	All stages	Irrigation should be given to all agricultural and horticultural crops due dry weather condition.

SMS Advisory

Coconut : If the attack of mite is noticed, root feeding may be done with Azadiractin 50% formulation 7.5 ml in 7.5 ml water.

Salem

Weather Advisory Bulletin for livestock, poultry and agro advisory

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Crops	General	Irrigate the crop as per requirement and use mulching to reduce evaporation, enhance water holding capacity and soil health
Coconut	General	Prevent the young calves and kids from chillness by covering the surrounding with gunny bags or coconut leaves. The cows and sheep should be allowed for grazing after 10 am in the morning.
Livestock		Cow The livestock should not be allowed for gracing in early hours of morning to avoid fluke infestations. Dairy cows/buffaloes in the advanced stages of pregnancy should be shifted to calving pen which is kept damp free and clean

		<p>The surplus of fodder may be preserved as silage for using summer.</p> <p>The side wall of young livestock must be shielded with gunny bag or sheet to prevent cold draft attack.</p>
Brinjal:	Vegetative	The prevailing weather would favour the occurrence of bacterial wilt in brinjal. To manage bacterial wilt, mix 500 g copper oxychloride or 100 g of streptomycin sulphate (per acre) in 200 l of water and spray.
Blackgram:	Vegetative	Install yellow stick trap @ 10 numbers per acre to monitor the whitefly incidence. To manage this vector (white fly) of yellow mosaic disease spray 5 % Neem seed Kernel extract or thiamethoxam 25 WG – 50g/ac using hand operated sprayer.
Gourds	Vegetative	Prevailing weather is favourable for fruit fly incidence in Gourds. Collect infested and fallen fruits and bum in deep pits. To control spray Malathioan 1ml/litre of water.
Chilly	Vegetative	High day temperature and lower night temperature 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	Leaf minor may be observed in Tomato due to prevailing weather. To control spray 5 per cent Neem Seed Kernel Extract
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.
Mango	Vegetative	To control the hopper incidence in mango spray Wetable sulphur @ 25 g/10 l or 6 g/10l Acetamiprid or thiamethoxam 6g/10 l of water.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>During the prevailing weather conditions, there will be dew in the early morning and day temperature will be high.</p> <p>Hence the grazing time for the livestock will be reduced considerably resulting in the shortage of feed intake and decrease in the production and performance of the animals.</p> <p>To avoid this, the farmers advised to take their animals for grazing as soon as the dew comes off the grass and also graze their animals for extended time in the evening.</p> <p>Also the farmers can use the stored dry foddors in their farm under stall feed conditions to compensate the shortage of feed intake due to reduction in grazing time.</p> <p>Alternatively, the farmers can also increase the quantity of concentrate</p>

		regularly fed to their livestock to the required level to compensate the shortage of feed intake to optimize the production and performance.
Poultry	General	Next two weeks are crucial for layers as there will be frequent ups and downs in temperatures, which affect the physiological features of the body, leading to disturbance in production. To overcome this problem, feed management needs to be corrected. Feeds with low Aflatoxin B1, < 11 % moisture and not less than 2500 K cal / kg energy will help the birds to adjust their bodily function during the vagaries of weather in February and stay healthy and productive.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Bitter gourd	Vegetative stage	Fruit fly management in bitter gourd Symptoms The fruits are rotted , irregular in shape with tip pending. Management measures Setting up of fruit fly pheromone trap @ 5 numbers per acre for monitoring. Foliar spraying of chlorpyriphos or dimethoate @ 2 / ml liter of water during young fruit stage.
Sesame	Pod development stage	Leaf webber incidence was occurred in sesame crop. Hence farmers are advised to spray profenophos @ 2.5 ml / liter of water to control it.
Banana	General	KVK, Namakkal entered in to MoA with national research centre for banana Trichy and got TOT for banana shakti micronutrient formulation. Since April 2022 KVK, Namakkal has started producing and selling banana shakti. Hence, banana growers could purchase banana shakti from KVK, Namakkal on cost basis @ Rs. 250 / kg.
Mango	Flowering stage	This season is known for mango flowering. So the farmers are advised to irrigate mango trees at correct interval depending on the soil moisture to prevent flower and fruit drop.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

General Advisory – No Rainfall	
As No rainfall is expected for this week. Apply light and frequent 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.	
Crop	Advisory
Paddy	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 Carbendazim12% + Mancozeb 63%wp 2.0 g per lit.

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.
Turmeric	Turmeric – leaf spot incidence affected leaves, elliptic or oblong spots with yellow halo are seen. The centre of spots are grayish white and then with numerous black dots in centre As the disease advances, the leaves dry up and give a scorched appearance. For control measure is spraying of propiconazole @ 500 ml/ha.
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 Tolfenpyrad 1.5 m.l./lit
Goat	Goat pox: A Serious viral disease of goats commonly occurring in summer. The disease spread by direct contact and contaminated feed and water. Symptoms: High fever followed by appearance of blisters on the hairless parts of the body especially lips, nose, mouth, eyes, Groin, Udder and under the base of the tail. Prevention: 1. Vaccinating the animals above 3 months- primary Vaccination.2.Annual revaccination should be done at the time of Feb-March. Treatment: 1.Isolate the affected animal and treating them symptomatically. 2. Boric acid and glycerin paste can be applied over the skin lesions.3. Antibiotics should be given for 3-5 days.
Cattle	Keep animals in shade and give them plenty of clean and cold water to drink. Do not make them work between 11 am to 4 pm. Cover the shed roof with straw, paint it white or plaster with dung-mud to reduce temperature. Use fans, water spray and foggers in the shed. During extreme heat, spray water and take cattle to a water body to cool off. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Provide curtains and proper ventilation in poultry house.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	<p>During the prevailing weather conditions, there will be dew in the early morning and day temperature will be high. Hence the grazing time for the livestock will be reduced considerably resulting in the shortage of feed intake and decrease in the production and performance of the animals.</p> <p>To avoid this, the farmers advised to take their animals for grazing as soon as the dew comes off the grass and also graze their animals for extended time in the evening.</p> <p>Also the farmers can use the stored dry fodders in their farm under stall feed conditions to compensate the shortage of feed intake due to reduction in grazing time.</p> <p>Alternatively, the farmers can also increase the quantity of concentrate regularly fed to their livestock to the required level to compensate the</p>

		shortage of feed intake to optimize the production and performance.
Poultry	General	Next two weeks are crucial for layers as there will be frequent ups and downs in temperatures, which affect the physiological features of the body, leading to disturbance in production. To overcome this problem, feed management needs to be corrected. Feeds with low Aflatoxin B1, < 11 % moisture and not less than 2500 K cal / kg energy will help the birds to adjust their bodily function during the vagaries of weather in February and stay healthy and productive.
Agro advisory from Krishi Vigyan Kendra		
Bitter gourd	Vegetative stage	Fruit fly management in bitter gourd Symptoms The fruits are rotted , irregular in shape with tip pending. Management measures Setting up of fruit fly pheromone trap @ 5 numbers per acre for monitoring. Foliar spraying of chlorpyriphos or dimethoate @ 2 / ml liter of water during young fruit stage.
Sesame	Pod development stage	Leaf webber incidence was occurred in sesame crop. Hence farmers are advised to spray profenophos @ 2.5 ml / liter of water to control it.
Banana	General	KVK, Namakkal entered in to MoA with national research centre for banana Trichy and got TOT for banana shakti micronutrient formulation. Since April 2022 KVK, Namakkal has started producing and selling banana shakti. Hence, banana growers could purchase banana shakti from KVK, Namakkal on cost basis @ Rs. 250 / kg.
Mango	Flowering stage	This season is known for mango flowering. So the farmers are advised to irrigate mango trees at correct interval depending on the soil moisture to prevent flower and fruit drop.

Karaikal

Agro Advisory:

Crop/livestock	Stage/Particulars	Agro Advisory
Green gram	Sowing	Rice fallow green gram variety, ADT 3 @ 25 kg/ha shall be used for sowing till second week of February. Broadcast the seeds 7 days prior to harvest of paddy crop.
Rice	Harvesting	Provide drainage, harvest the rice crop, dry and store rice grains with 14 to 16% moisture.
Goat	Sheep and goat pox	There is a chance of an occurrence of sheep and goat pox in summer season. Hence, to prevent the pox, sheep and goat should be vaccinated before summer.

SMS: Rice fallow green gram can be sown till second week of February.

Puducherry

Weather based Agro-Advisories:

Crop	Stage/ Particulars	Agro Advisory
Black gram/ Green gram	Flowering stage	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. To manage yellow mosaic virus disease in black gram and green gram, spray Methyldematton 25%EC 1ml/l or Dimethoate 30%EC 2ml/l to manage vectors like whitefly and aphids.
Groundnut	Pegging	In groundnut crop apply gypsum 200kg + borax 10 kg and earthing up on 45 DAS for improving flowering and pod formation.
Jasmine	Flowering stage	Due to prevailing weather condition, there may be changes of budworm infestation in jasmine. To control budworm, Setup 4 helilure sex pheromone trap per acre, spray Bacillus thuringiensis 2g/ lit.
Brinjal	Before sowing	To control the damping of infection in brinjal treat seeds with Trichodermaviride @ 4 g / kg or bacillus subtilis @ 10 g /kg of seeds treat with 24 hours before sowing.
Cow		To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
General Advice		To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

SMS:

As dry weather is expected for next five days, farmers are advised to provide need based irrigation to crops

Puducherry Block level

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

Dry weather is likely to occur from 08.02.2023 to 12.02.2023. As dry weather is expected for next five days, farmers are advised to provide need based irrigation to crops.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Flowering stage - 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. To manage yellow mosaic virus disease in black gram and green gram, spray Methyldematton 25%EC 1ml/l or Dimethoate 30%EC 2ml/l to manage vectors like whitefly and aphids.

GROUNDNUT	Pegging - In groundnut crop apply gypsum 200kg + borax 10 kg and earthing up on 45 DAS for improving flowering and pod formation.
JASMINE	Flowering stage - Due to prevailing weather condition, there may be changes of budworm infestation in jasmine. To control budworm, Setup 4 helilure sex pheromone trap per acre, spray Bacillus thuringiensis 2g/ lit.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Before sowing - To control the damping of infection in brinjal treat seeds with Trichoderma viride @ 4 g / kg or bacillus subtilis @ 10 g /kg of seeds treat with 24 hours before sowing.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	To avoid the occurrence of milk fever in dairy cattle, feeding of supplementary mineral mixture of 15-30 gms is recommended during pregnancy.
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.

