



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 013/2023

For the period 0830 IST, 14th February 2023 to
0830 IST, 19th February 2023

Issued on Tuesday, 14th 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 10.02.23 to 13.02.23 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **29°C – 36°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **18°C – 25°C** during the period.

Minimum temperature of range **15°C - 23°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **07°C - 09°C** during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	--	--
Isolated (One or Two Places)	--	--
Dry	10.02.23, 11.02.23, 12.02.23 & 13.02.23	Tamil Nadu
	10.02.23, 11.02.23, 12.02.23 & 13.02.23	Puducherry

Chief Amounts of Rainfall (in cms):-

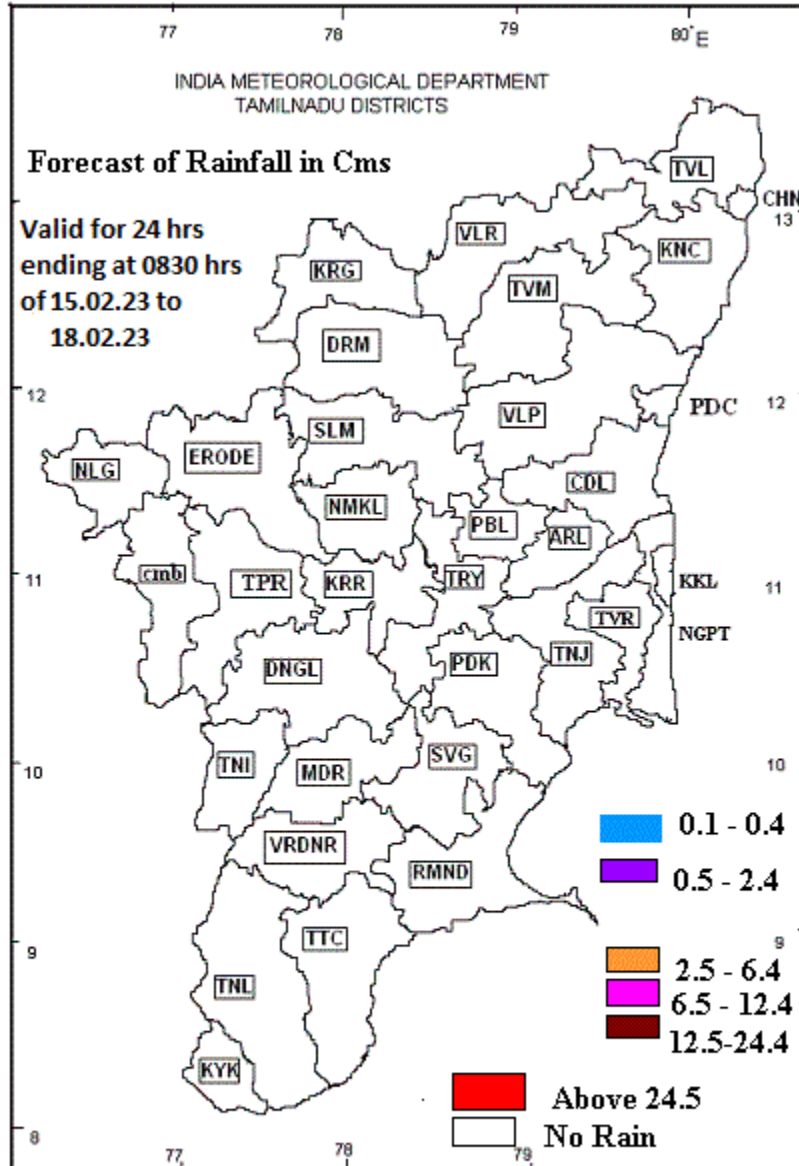
10.02.23 : Nil

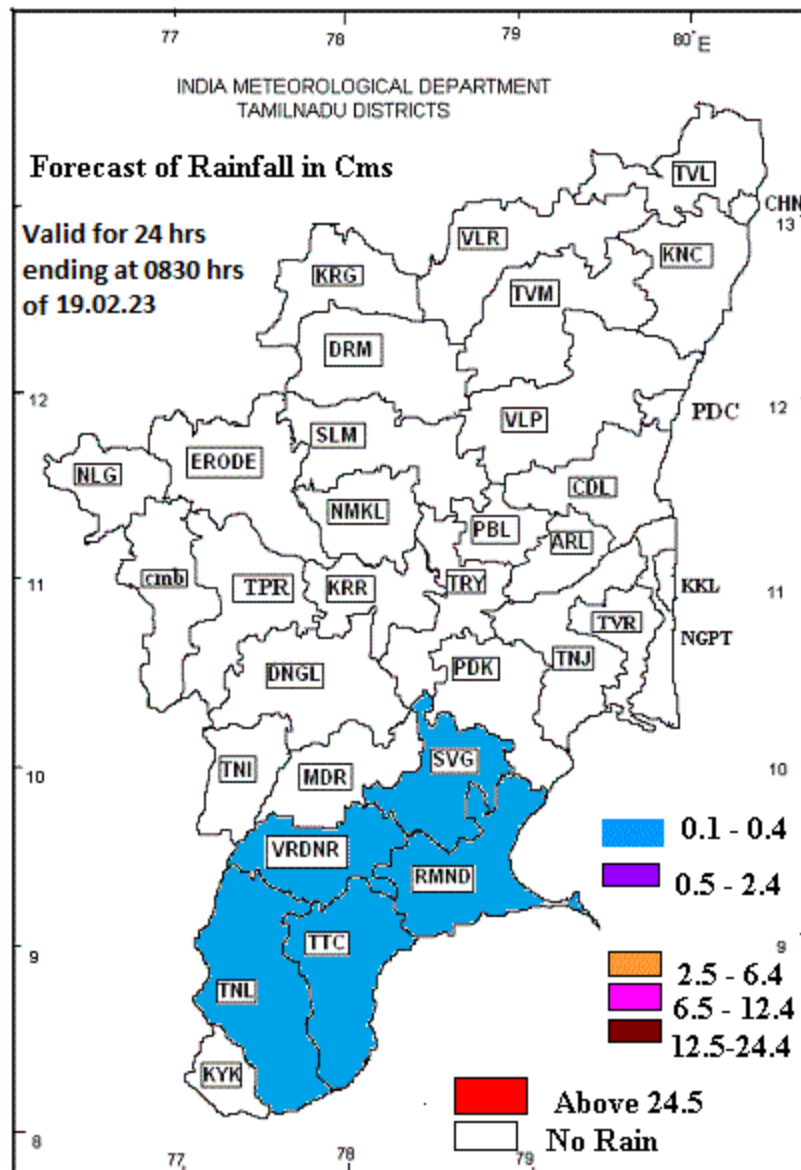
11.02.23 : Nil

12.02.23 : Nil

13.02.23 : Nil

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 14.02.23
VALID FOR THE NEXT 5 DAYS**





District-wise Agromet Advisories

Chennai

SMS Advisory:

Dry weather is very likely to prevail over TamilNadu, Puducherry and Karaikal area from Day 1 (15.02.2023) to Day 5 (19.02.2023).

Livestock Advisory

- 1.Avoid grazing ruminants during the early morning hours
- 2.The ruminants must not be tethered in marshy and slushy area to avoid foot rot, they must be housed in damp free elevated places.
- 3.The drinking water for calves and kids must be heated to body temperature prior to drinking to prevent cold stress
- 4.The ammonia and methane accumulation in pig sty must be controlled with better ventilation.
- 5.Over feeding the dairy calves with lush green fodder may occasionally lead to bloat.
- 6.The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
- 7.This month is conducive for breeding in sheep, it may be allowed for mating this month.
- 8.The ruminants must not be allowed to graze in dew laden grass before sunrise
- 9.Rabbit may be allowed by mating now due to conducive environment rabbit will kindle more bunnies during these months due to which necessary reproductive management must be followed.

Tiruvallur

From extended range forecast Blow normal rainfall, Normal maximum and minimum temperature expected for the period of 19.02.2023 to 25.02.2023 over Tamil Nadu. Farmers are advised to irrigate the crop based on the soil moisture.

Crop(Varieties)	Crop Specific Advisory
RICE	1.Thrips- Spray Thiamethoxam 25% WG 4g/ 40Lit /20 cent; 2.whorlraggot- Spray fipronil 5% SC 400g - 600g per acre in 200 litre of water; 3.Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 4.Algal growth- Apply for Copper sulfate 1 kg/ acre in mix with irrigation water; 5. Brown plant hopper- Spray Azadirachtin 0.03% 400 ml (or) Spray Chlorantraniliprole 18.5% SC 60 g per acre in 200 litres of water; Drain water before use of insecticides and Direct spray towards the base of the plants, Set up light traps during night or yellow pan traps during day time, Avoid excessive use of nitrogen.
GROUNDNUT	1.Leaf Miner- Spray Methyl demeton 25 EC 400 ml per acre in 200 litres of water; Set up light trap between 8 and 11 pm at ground level; 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%.
BLACK GRAM	Yellow mosaic virus (YMV)- Installation of yellow sticky traps 5 to 6 / acre and rogue out virus injected plants and destroy and Foliar spray of 10% notchi leaf extract at 30 DAS or neem formulation @ 3 ml/l.

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Chilli- Thrips- Spray imidacloprid 17.8% SL 3 ml/ 10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/ 1liter 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> .
COCONUT	Rugose Spiralling Whitefly- 1.Release of <i>Encarsia guadeloupae</i> @ 100 parasitoids /ac (10 leafbits/ac); 2. Installation of yellow sticky traps (5 ft. x 1.5 ft.) smeared with castor oil @ 5/ ac; 3.Release of <i>Chrysoperla zastrowi sillemi</i> eggs @ 500/ac in young palm.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Clear sky and dry days with wind speed of 4-10 km/hr is expected in western zone during next five days. Temperature is increasing. 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	Harvest	Since the maximum temperature is around 34°C, sun dry the harvested samba paddy between 9 – 11 AM and between 3 - 5 PM
Sesamum		Since temperature starts rising sowing of sesame may be sown from February 15 th onwards. To control the weed germination after sowing for summer irrigated sesame, stale bed preparation may be done followed by sowing.
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.
Banana	Planting	Dry wind with 4- 10 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support. Panama wilt disease seen in some of the banana plantations. Uproot and destroy severely affected plants. Apply lime at 1 – 2 kg in the pits after removal of the affected plants. In the field, Panama wilt disease can be prevented by corm injection methods. A small portion of soil is removed to expose the upper portion of the corm. An oblique hole at 45° angle is made to a depth of 10 cm. Immediately, a gelatin capsule containing 60 mg of Carbendazim or 3 ml of 2 % Carbendazim solution or of 50 mg of <i>Pseudomonas fluorescens</i> is inserted / injected into the hole with the help of 'corm injector' on 2nd, 4th and 6 th month after planting. Application of press mud at 5 kg per tree reduces the wilt incidence.

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.
Turmeric	Harvest	Considering the prevailing dry weather, harvested turmeric may be processed for marketing.
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 @ .6ml/ liter of water
Animal		Provide clean drinking water to animals and poultry enough to meet the hot dry weather.

SMS advisory

Since temperature starts rising sowing of sesame may be sown from February 15th onwards.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Clear sky and dry days with wind speed of 4-10 km/hr is expected in western zone during next five days. Temperature is increasing. 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	Harvest	Since the maximum temperature is around 34°C, sun dry the harvested samba paddy between 9 – 11 AM and between 3 - 5 PM
Sesamum		Since temperature starts rising sowing of sesame may be sown from February 15 th onwards. To control the weed germination after sowing for summer irrigated sesame, stale bed preparation may be done followed by sowing.
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.
Banana	Planting	Dry wind with 4- 10 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support. Panama wilt disease seen in some of the banana plantations. Uproot and destroy severely affected plants. Apply lime at 1 – 2 kg in the pits after removal of the affected plants. In the field, Panama wilt disease can be prevented by corm injection methods. A small portion of soil is removed to expose the upper portion of the corm. An oblique hole at 45° angle is made to a depth of 10 cm. Immediately, a gelatin capsule containing 60 mg of Carbendazim or 3 ml of 2 % Carbendazim solution or of 50 mg of <i>Pseudomonas fluorescens</i> is inserted / injected into the hole with the help of 'corm injector' on 2nd, 4th and 6 th month after planting. Application of press mud at 5 kg per tree reduces the wilt incidence.
Cucurbits	Vegetative	To encourage more female flower in cucurbits, spray Ethrel 100 ppm (1 ml

	Flowering	in 10 lit of water) four times from 10 to 15 days after sowing at weekly intervals when sufficient moisture is available.
Turmeric	Harvest	Considering the prevailing dry weather, harvested turmeric may be processed for marketing.
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 @ .6ml/ liter of water
Animal		Provide clean drinking water to animals and poultry enough to meet the hot dry weather.

SMS advisory

Since temperature starts rising sowing of sesame may be sown from February 15th onwards.

Tiruppur

Agro Advisory

Crop	Stage	Advisory
General		Clear sky and dry days with wind speed of 4-10 km/hr is expected in western zone during next five days. Temperature is increasing. 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	Harvest	Since the maximum temperature is around 34°C, sun dry the harvested samba paddy between 9 – 11 AM and between 3 - 5 PM
Sesamum		Since temperature starts rising sowing of sesame may be sown from February 15 th onwards. To control the weed germination after sowing for summer irrigated sesame, stale bed preparation may be done followed by sowing.
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.
Banana	Planting	Dry wind with 4- 10 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support. Panama wilt disease seen in some of the banana plantations. Uproot and destroy severely affected plants. Apply lime at 1 – 2 kg in the pits after removal of the affected plants. In the field, Panama wilt disease can be prevented by corm injection methods. A small portion of soil is removed to expose the upper portion of the corm. An oblique hole at 45° angle is made to a depth of 10 cm. Immediately, a gelatin capsule containing 60 mg of Carbendazim or 3 ml of 2 % Carbendazim solution or of 50 mg of <i>Pseudomonas fluorescens</i> is inserted / injected into the hole with the help of 'corm injector' on 2nd, 4th and 6 th month after planting. Application of press mud at 5 kg per tree reduces the wilt incidence.
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.
Animal		Provide clean drinking water to animals and poultry enough to meet the hot dry weather.

SMS advisory

Since temperature starts rising sowing of sesame may be sown from February 15th onwards.

Nilgiris

To manage Leaf hoppers, aphids and glasshouse whitefly infesting bean crop, foliar application of methyl demeton 25 EC or dimethoate 30 EC @ 1 ml/lit is recommended. To manage nematode in potato, avoid growing potato continuously in the same field; soil application of Purpureocillium lilacinum @ 5kg/ha mixed with 250kg FYM is recommended.

Crop(Varieties)	Crop Specific Advisory
CARROT	For the carrot crop, soil application of neem cake @ 1 ton/ha at during sowing, biofumigation of mustard plants followed by application of neem cake @ 250kg/ha along with Purpureocillium lilacinum @ 5kg/ha or application of P. lilacinum as tuber treatment @ 20g/kg of seed followed by soil application @ 2.5kg/ha along with FYM @ 2.5 t/ha 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.
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 (17th – 23rd Feb 2023): Rainfall: As per extended range predictions, there is possibility of below normal to near normal rainfall likely over the district during 17th to 23rd Feb 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 32°C over the plains of the district during next week. 17th to 23rd Feb 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 16°C to 20°C over the district during next week 17th to 23rd Feb 2023. For the next five days, Max temp- 35°C-36°C & Min temp -19°C- 21°C. Clear sky for next 5 days. Wind speed 6-8 kmph from NE & E directions.

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	The infestation of Green peach aphids in Chilly. The symptoms are, plants turn pale with a sticky appearance, and leaves get curled and crinkled, due to honeydew excretion the sooty mould development occurred and also it leads to stunted growth of the plant. To control this, spray Imidacloprid 17.8 % SL @ 3½ ml per 10 litres of water.
LEMON	The incense of Fruit sucking moth is expected in Acid lime. Keep the field clean without weeds. Bag the fruits with polythene bags punctured at the bottom. To control spray, Neem oil @ 60ml per 10 litres of water along with 10ml sticky agent. Spray two times in 10 days intervals. Setup pheromone traps, take a 5-litre bucket, fill it with 2 kg Rice bran + 3litre of water +2 well rotten Banana +2 pieces of Pineapple +100gm Jaggery + 100ml well-fermented curd and place 2 traps per acre. Light traps can also be used to attract and kill moths.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Farmers are advised to prevent Chicks from a Chick diarrhoea disease, separate the diseased chick and care. Allow the Chicks to drink the medicated water for 5 days during morning and evening with a combination of 1 litre of water and 2gm Microzal powder or 2gm Bactrisol powder mixed with 5 ml of Vimeral syrup.
Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Since dry weather is expected for next 5 days, farmers can start crop protection activities. Based on the moisture content of your soil, farmers can provide irrigation to the vegetable crops.

Madurai

Extended range Forecast for next week (17th – 23rd Feb 2023): Rainfall: As per extended range predictions, there is possibility of below normal to near normal rainfall likely over the district during 17th to 23rd Feb 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 32°C over the plains of the district during next week. 17th to 23rd Feb 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 16°C to 20°C over the district during next week 17th to 23rd Feb 2023. For the next five

days, Max temp- 35°C-36°C & Min temp -19°C- 21°C. Clear sky for next 5 days. Wind speed 6-8 kmph from NE & E directions.

Horticulture(Varieties)	Horticulture Specific Advisory
GUAVA	The incidence of Tea mosquito bug in Guava. The pest incidence was noticed on young leaves and fruits of Guava. To manage this pest, farmers are advised to collect and destroy the damaged plant parts and do regular pruning. Shade regulation facilitates proper penetration of sunlight inside the canopy which reduces the incidence of this pest. Spray Neem oil @ 50ml and Pungam Oil @ 10ml with 10litres of water.
COCONUT	The incidence of Rugose Spiralling Whitefly (RSW) was noticed in coconut trees. These insects deposit honey-like waste material on the lower surface of coconut grooves. The leaves turn dark due to the spread of black fungus on them. To control this, farmers can spray water with high pressure on the bottom and top of the coconut leaves. Installation of yellow sticky trap @ 2 Nos. per acre can be used to attract and destroy mother insects. When the damage is severe, add 5 ml of neem oil and 1 ml of sticky liquid and spray evenly on the base of the leaves. Take Maida flour @ 25gm per litre of water, boil it and then spray it well on the black mould.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Farmers are advised to prevent Chicks from a Chick diarrhoea disease, separate the diseased chick and care. Allow the Chicks to drink the medicated water for 5 days during morning and evening with a combination of 1 litre of water and 2gm Microzal powder or 2gm Bactrisol powder mixed with 5 ml of Vimeral syrup.
Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Since dry weather is expected for next 5 days, farmers can start crop protection activities. Based on the moisture content of your soil, farmers can provide irrigation to the vegetable crops.

Pudukottai

Extended Range Forecast For Tamil Nadu 19 .02.2023 to 25 .02.2023. During the Week from 19 th to 25 th March Rainfall Below Normal . Maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu. By utilizing dry weather harvested produce may be dried and stored properly.

Crop(Varieties)	Crop Specific Advisory
MAIZE	As maize crop is most sensitive to moisture stress at 45 to 65 days after sowing, ensure optimum moisture availability by providing irrigation to avoid yield loss at harvest
BLACK GRAM	As the temperature is expected to increase in the forthcoming days, sucking pest infestation may be prevalent in vegetables, pulses and groundnut crops. Hence, 5% Neem seed kernel extract may be sprayed to control the pest incidence.

Horticulture(Varieties)	Horticulture Specific Advisory
OKRA/ LADYFINGER	For hybrids, foliar spray of 0.5% NPK (19:19:19) at 10 days interval from 30 days after planting to improve yield.
BANANA	Prevailing weather condition is suitable for planting of banana. Poovan, Rasthali, Monthan, Karpooravalli and Neypoovan varieties can be planted during February to April months. The incidence of nematode in these varieties may occur, as a preventive measure, before planting, pre-treat the suckers with press mud application and pare and dip the corm in solution of 5gm pseudomonas fluorescence, 5gm Trichoderma viride, and 5gm Bacillus, shade dry and plant.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Adding 1 kg of sodium bicarbonate to 1 tonne feed will avoid heat stroke and increase the density of the egg shell. In poultry farms the soil with dense humidity causes high heat. Therefore the depth should not exceed 6 cm.
CHICK	Early summer prevails with varying temperatures during day and night hours. This weather condition leads to drop in feed intake and increased level of stress in layer birds. However, this transforming weather may predispose the birds to heat stroke, leading to sudden death. To face the early summer and acclimatize the birds, avoid encouraging birds feeding between 1 and 5 pm in the day time.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	it is expected to raise in 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 main the soil moisture. 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 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).
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).
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERALADVICE	Using the prevailing morning humidity, farmers can plough the field and sow black gram vamban 8 variety as a rice fallow pulse cultivation which is resistant to yellow mosaic virus. By spraying of pulse wonder @ 2 kg per acre through the leaf at the time of flowering to get a higher yield and improve the soil fertility.

Sivagangai

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Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 16°C to 20°C over the district during next week 17th to 23rd Feb 2023. Chances of very light rain on 19 Feb. Max temp-35°C-36°C & Min temp -19°C-21°C. Clear sky for next 5 days. Wind speed 6-10 kmph from NE, E & SE directions.

Horticulture(Varieties)	Horticulture Specific Advisory
BITTER GOURD	The occurrence of Fruit flies is expected in Bitter gourd and Ash gourd. The symptoms of damage are maggots feeding on the pulp of the fruits, oozing of resinous fluid from fruits, distorted and malformed fruits and premature dropping of fruits. To control, set up a pheromone trap in a 5-litre bucket filled with 3½ litre water + ½ kg of white Pumpkin + fermented curd 100ml +100gm Jaggery + 2 well-rotted bananas and fix the bucket trap @ 7 Nos. per acre to attract and kill the fruit fly.

BRINJAL	The incidence of Fruit and shoot Borer is expected in the Brinjal crop. The symptom of damage appears on fruit and shoot. The terminal shoots/dead hearts are withering. Boreholes on shoots and fruits plugged with excreta, shedding of flower buds. To control, setup light traps @ 2 nos. per acre. After harvesting, spray Neem Seed Kernal Extract (NSKE) @ 40ml + sticky agent @ 10ml with 10 litres of water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Farmers are advised to prevent Chicks from a Chick diarrhoea disease, separate the diseased chick and care. Allow the Chicks to drink the medicated water for 5 days during morning and evening with a combination of 1 litre of water and 2gm Microzal powder or 2gm Bacrisol powder mixed with 5 ml of Vimeral syrup.
Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Since dry weather is expected for next 5 days, farmers can start crop protection activities. Based on the moisture content of your soil, farmers can provide irrigation to the vegetable crops.

Theni

Extended range Forecast for next week (17th – 23rd Feb 2023): Rainfall: As per extended range predictions, there is possibility of below normal to near normal rainfall likely over the district during 17th to 23rd Feb 2023. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 30°C to 32°C over the plains of the district during next week. 17th to 23rd Feb 2023.

Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 16°C to 20°C over the district during next week 17th to 23rd Feb 2023. For the next five days, Max temp- 35°C-36°C & Min temp -19°C- 21°C. Clear sky for next 5 days. Wind speed 4-8 kmph from NE direction.

Horticulture(Varieties)	Horticulture Specific Advisory
PUMPKIN	The incidence of Red spider mites is expected in pumpkin & watermelon. The symptom appears on the leaves. The under-surface of the leaves may have a greyish cast due to webbing and leaves are wilting. To control, spray Propargite 57% EC @ 100 ml per acre with 100 litres of water.
FRENCH BEAN	There are chances for the incidence of Powdery mildew in Beans crop. The symptom of damage is small cottony spots appearing on the infected leaves. Defoliation of severely infected plants occurs before maturity. To prevent this, spray Pseudomonas @ 60gms + Trichoderma viride @ 60gms per 10litres of water along with 10ml of Sticky agent, 2 times in 10 days interval. During severe infection, spray Tebuconazole @ 100ml per acre with sticky agent @ 1ml per 1 litre of water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Farmers are advised to prevent Chicks from a Chick diarrhoea disease, separate the diseased chick and care. Allow the Chicks to drink the medicated water for 5 days during

	morning and evening with a combination of 1 litre of water and 2gm Microzal powder or 2gm Bactrisol powder mixed with 5 ml of Vimeral syrup.
Others (Soil / Land Preparation)(Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Since dry weather is expected for next 5 days, farmers can start crop protection activities. Based on the moisture content of your soil, farmers can provide irrigation to the vegetable crops.

Virudhunagar

Agromet Advisory

Crop (Varieties)	Stage	Crop Specific Advisory
Irrigated crops	Water management	Dry weather may prevail for the coming five days. Farmers are requested to irrigate the crop in frequent interval.
Rainfed and irrigate crops	Temperature/ Relative humidity	Increase in maximum temperature, chance for increase of sucking pest. Farmers were advise to monitor the sucking pest and precaution may be given. 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.
Groundnut		Sucking Pest infestation in Groundnut: Aphids, thrips and leafhopper infestation will be expected. 1. Yellowing in leaves or leaves mottle with chlorotic or dark green spots. 2. Stunted growth. 3. Brown necrotic areas and silvery streaks on lower surface. Management: 1. <u>NSK</u> (Neem seed Kernel extract) @5%. 2. <u>Installation</u> of yellowing and Blue sticky traps @5no./acre.3. Spray with imidacloprid 17.8% SL 100-125ml/ha.
Jasmine	Flowering stage	Prevailing weather is conducive for Blossom midge. Spray Thiamethoxam 2.5% WG @ 0.75 g/litre (or) Novaluron 3ml/lit. of water.
Chilli	Flowering and fruiting stage	Prevailing weather is conducive for Gram caterpillar @ Emamectin benzoate 5 % SG @ 4 g/10 lit.
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.
Guava	Flowering stage	Prevailing weather is conducive for Tea mosquito bug. Spray 3% neem oil at 3 weeks interval for 4 times. (or) Collect and destroy the damaged plant parts.
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

Crop (Varieties)	Stage	Crop Specific Advisory
Irrigated crops	Water management	Dry weather may prevail for the coming five days. Farmers are requested to irrigate the crop in frequent interval.
		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: SMS: Rain: Nil. Irrigation may be provided. Chillies- Thrips. Spray Thiocloprid 21.7 % SC @6.0 ml/10 lit.

Tamil Nadu		
Light to moderate Easterlies/North-easterlies prevail over the region in the lower tropospheric levels		
Next five days	Weather warning	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area from Day 1 (15-02-2023) to Day 5 (19-02-2023).

Tirunelveli

Agromet Advisory

Crop	Stage	Crop Specific Advisory
Irrigated crops	Water management	Dry weather may prevail for the coming five days. Farmers are requested to irrigate the crop in frequent interval.
Rainfed and irrigate crops	Temperature/ Relative humidity	Increase in maximum temperature, chance for increase of sucking pest. Farmers were advise to monitor the sucking pest and precaution may be given. 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.
Cotton	Flowering to boll development stage	Prevailing weather is conducive for boll worm. To control Quinalphos 25 EC 2.0 l/ha (or) Phosalone 35% EC 2000 ml/ha. Prevailed weather is conducive for stem weevil. So farmers are advised to apply of Neem cake @ 250 kg/ha (or) drenching collar region with Carbofuran 3G @ 33.3 kg/ha.
Rice	Panicle initiation to milking stage	Prevailed weather is conducive for Blast. So farmers are advised to spray Azoxystrobin 25 SC @ 500 ml/ha Prevailed weather is conducive for Leaf folder. So farmers are advised to spray Azadirachtin 0.03% 1000ml/ha. (or) Chlorontrinirole 18.5%SC @ 150g/ha. (or) Thiamethoxam 25% WG @ 100g/ha. In the prevailing weather condition stem borer incidence is noticed. ETL: 25% Dead heart symptoms. Farmers are advised to spray Neem seed kernel extract (or) Azadirachtin 0.03% 1000 ml/ha (or) insecticides Chlorpyrifos 20% EC 1.25 l/ha (or) Chlorantraniliprole 18.5% SC 150 ml/ha.
Sugarcane	Tillering to Flowering stage	Prevailed weather and crop stage is conducive for Inter node borer. To control Collect and destroy the eggs periodically. Detrash the crop on 150 th and 210 th day of planting. Detrashing dislodge the

		pupae that remain in the leaf sheath. Install pheromone traps @ 10 Nos. /ha for surveillance and monitoring, change the septa/lure once in 45 days.
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.
Chilli	Flowering and fruiting stage	Increasing day temperature favours thrips. Spray Imidacloprid 17.8 % SL @3.0 ml/10 lit. Prevailing weather is conducive for Gram caterpillar @ Emamectin benzoate 5 % SG @ 4 g/10 lit.
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: Nil. Irrigate the crop. Sugarcane- Inter node borer- Detrashing dislodge the pupae that remain in the leaf sheath. pheromone traps @ 10 Nos. /ha.

Tamil Nadu		
Light to moderate Easterlies/North-easterlies prevail over the region in the lower tropospheric levels		
Next five days	Weather warning	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area from Day 1 (15-02-2023) to Day 5 (19-02-2023).

Thoothukudi

Agromet Advisory

Crop	Stage	Crop Specific Advisory
Irrigated crops	Water management	Dry weather may prevail for the coming five days. Farmers are requested to irrigate the crop in frequent interval.
Rainfed and irrigate crops	Temperature/Relative humidity	Increase in maximum temperature, chance for increase of sucking pest. Farmers were advise to monitor the sucking pest and precaution may be given. 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. Mean Relative humidity is high chance for disease incidence. Prophylactic measures for fungal incidence may be given.
Cotton	Flowering to boll development	Prevailing weather is conducive for boll worm. To control Quinalphos 25 EC 2.0 l/ha (or) Phosalone 35% EC 2000 ml/ha.

Crop	Stage	Crop Specific Advisory
Irrigated crops	Water management	Dry weather may prevail for the coming five days. Farmers are requested to irrigate the crop in frequent interval.
Rainfed and irrigate crops	Temperature/Relative humidity	Increase in maximum temperature, chance for increase of sucking pest. Farmers were advise to monitor the sucking pest and precaution may be given. 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. Mean Relative humidity is high chance for disease incidence. Prophylactic measures for fungal incidence may be given.
	stage	
Rice	Flowering to Panicle initiation stage	Prevailed weather is conducive for Leaf folder. So farmers are advised to spray Azadirachtin 0.03% 1000ml/ha. (or) Chlorontrinirole 18.5%SC @ 150g/ha. (or) Thiamethoxam 25% WG @ 100g/ha. Prevailed weather is conducive for Rice case worm. So farmers are advised to spray Quinalphos 25 EC 80 ml (or) Dislodge the cases by passing a rope and drain water. Collect the cases and destroy Prevailed weather is conducive for Blast. So farmers are advised to spray Azoxystrobin 25 SC @ 500 ml/ha
Jasmine	Flowering stage	Flowering stage Prevailing weather is conducive for Blossom midge. Spray Thiamethoxam 2.5% WG @ 0.75 g/litre (or) Novaluron 3ml/lit. of water.
Chilli	Flowering and fruiting stage	<ul style="list-style-type: none"> Increasing day temperature favours thrips. Spray Imidacloprid 17.8 % SL @3.0 ml/10 lit. Prevailing weather is conducive for Gram caterpillar @ Emamectin benzoate 5 % SG @ 4 g/10 lit.
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.
	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: 08.02-1 mm. Irrigate the crop. Cotton stem weevil-apply Carbofuran 3G @ 33.3 kg/ha.

Tamil Nadu		
Light to moderate Easterlies/North-easterlies prevail over the region in the lower tropospheric levels		
Next five days	Weather warning	Dry weather is very likely to prevail over Tamilnadu, Puducherry and Karaikal area from Day 1 (15-02-2023) to Day 5 (19-02-2023).

Kanyakumari

AGRO ADVISORIES.

S. N.	CROP	STAGES	ADVISORIES
	There is no possibility of rainfall during forthcoming five days. Maximum temperature will range from 34 - 36°C and minimum temperature will range from 21 - 23°C. Mostly cloudy condition may prevail. The relative humidity will be 80 %. Wind speed may be 10 – 14 km / hr in East direction.		
1.	Tapioca	All stages	Spraying of fish oil rosin soap @ 25g/litre for the management of tapioca mealy bug.
2.	Coconut	Grown up tree	Pencil point disease: Because of micronutrient deficiency, the stem will taper towards tip with lesser number of leaves. The leaf size will be greatly reduced and the leaves will be pale and yellow in colour. Along with the recommended fertilizer dose, 225 g each of Borax, Zinc sulphate, Manganese sulphate, Ferrous sulphate, Copper sulphate and 10 g of Ammonium molybdate may be dissolved in 10 litre of water and poured in the basin of 1.5 m radius.
3.	Rose, Jasmine and Tuberose	All stages	Due to hot and dry weather, sucking pest infestation will be high. To control sucking pest spraying of Prophenophos @ 2 ml per litre of water is recommended.
4.	Horticultural crops	All stages	There is no possibility of rainfall during forthcoming five days. So, Irrigation should be given to banana, coconut, black pepper and other horticultural crops.

SMS Advisory

Spraying of imidacloprid 17.8 SL at 0.3 ml/litre of water for the control of mango hoppers.

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 grazing 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 The surplus of fodder may be preserved as silage for using summer.

		The side wall of young livestock must be shielded with gunny bag or sheet to prevent cold draft attack.
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 burn in deep pits. To control spray Malathion 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 Wettable 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
Poultry	General	Prevailing weather is witnessed by two extreme temperatures of cold and hot which would be very stressful to the birds and may even lead to deaths in high weighing birds. To manage this situation, poultry farmers are advised to add anti-stress supplements like vitamin-C and choline chloride in the feed regularly. Further, as the summer is around the corner, water resources, pipelines, roof sprinklers and nipples are to be verified for any blocks and kept ready to face the summer related issues.
Livestock	General	Snail borne trematode infections such as amphistomosis and fasciolosis are very common in ruminants during the months of January, February, March and April, particularly among the young stock which go for grazing to the areas where water bodies are located. The affected small ruminants will have severe watery foetid diarrhoea,

		anaemia, sub-mandibular oedema, 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.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Sugarcane	Harvesting stage	Farmers are requested to shred the sugarcane trash by sugarcane trash shredder instead of burning and allow them for in situ composting in ratoon sugarcane.
Pulses	Flowering stage	Farmers are advised to spray pulse wonder (2kg / 200 liter of water) during flowering stage of pulse crop to improve pod development and increase grain yield.
Groundnut	Flowering stage	Farmers are advised to do foliar spray of Groundnut rich crop booster @ 2 kg / 200 liter of water during flowering stage of Groundnut crop to achieve higher yield.
Tapioca	Planting stage	Farmers are requested to spray Verticillium bio fungicide @ 3 gram / litre of water to the stored tapioca planting material to prevent the spread of pest incidence.
Jasmine	Vegetative stage	To increase the flowering in jasmine give foliar spraying with panchakavya @ 3% + Humic acid @ 0.4 % at one month interval. Also give foliar spraying with iron sulphate @ 0.5 % and zinc sulphate @ 0.5 % at one month interval.

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.

No Rainfall - Apply light and frequent irrigation to the standing crops, Paddy -Brown Spot-. Carbendazim12% + Mancozeb 63%wp 2.0 g per lit. Mango hoppers incidence – Tolfenpyrad 1.5 m.l/.

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.
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.
Poultry	Summer Management to Poultry: 1. Overcrowding of birds should be avoided. 2. Feeding should be done in cool hours of the day in the form of wet mash 3.Supplement vitamin C and B complex along with water. 4. Water tanks should be covered with low cost roofing materials. 5. Increase the frequency of watering. 6. Sprinkling water on the roof will help to bring down the shed temperature. 7. Wet gunny curtaines can be arranged on the sides of shed will reduce the heat inside the shed.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	Prevailing weather is witnessed by two extreme temperatures of cold and hot which would be very stressful to the birds and may even lead to deaths in high weighing birds. To manage this situation, poultry farmers are advised to add anti-stress supplements like vitamin-C and choline chloride in the feed regularly. Further, as the summer is around the corner, water resources, pipelines, roof sprinklers and nipples are to be verified for any blocks and kept ready to face the summer related issues.
Livestock	General	Snail borne trematode infections such as amphistomosis and fasciolosis are very common in ruminants during the months of January, February, March and April, particularly among the young stock which go for grazing to the areas where water bodies are located. The affected small ruminants will have severe watery foetid diarrhoea, anaemia, sub-mandibular oedema, 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.
Agro advisory from Krishi Vigyan Kendra		
Sugarcane	Harvesting stage	Farmers are requested to shred the sugarcane trash by sugarcane trash shredder instead of burning and allow them for in situ composting in ratoon sugarcane.
Pulses	Flowering stage	Farmers are advised to spray pulse wonder (2kg / 200 liter of water) during flowering stage of pulse crop to improve pod development and increase

		grain yield.
Groundnut	Flowering stage	Farmers are advised to do foliar spray of Groundnut rich crop booster @ 2 kg / 200 liter of water during flowering stage of Groundnut crop to achieve higher yield.
Tapioca	Planting stage	Farmers are requested to spray Verticillium bio fungicide @ 3 gram / litre of water to the stored tapioca planting material to prevent the spread of pest incidence.
Jasmine	Vegetative stage	To increase the flowering in jasmine give foliar spraying with panchakavya @ 3% + Humic acid @ 0.4 % at one month interval. Also give foliar spraying with iron sulphate @ 0.5 % and zinc sulphate @ 0.5 % at one month interval.

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 Methyldematon 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 Trichoderma viride @ 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 15.02.2023 to 19.02.2023. As dry weather is expected for next five days, farmers are advised to provide need based irrigation to crops.

Crop(Varieties)	Crop Specific Advisory
GREEN GRAM	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 Methyldematon 25%EC 1ml/l or Dimethoate 30%EC 2ml/l to manage vectors like whitefly and aphids.
GROUNDNUT	In groundnut crop apply gypsum 200kg + borax 10 kg and earthing up on 45 DAS for improving flowering and pod formation.
Horticulture(Va rieties)	Horticulture Specific Advisory
BRINJAL	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.

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