



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

## **DISTRICT LEVEL**

# **Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 017/2023**

For the period 0830 IST, 28<sup>th</sup> February 2023 to  
0830 IST, 05<sup>th</sup> March 2023

**Issued on Tuesday, 28<sup>th</sup> 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 24.02.23 to 27.02.23 for the State of Tamilnadu & Puducherry**

**Temperature:**

Maximum Temperature of range **30°C – 37°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **19°C – 25°C** during the period.

Minimum temperature of range **16°C - 26°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **05°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)	24.02.23	Tamil Nadu
Dry	25.02.23, 26.02.23 & 27.02.23 24.02.23, 25.02.23, 26.02.23 & 27.02.23	Tamil Nadu Puducherry

**Chief Amounts of Rainfall (in cms):-**

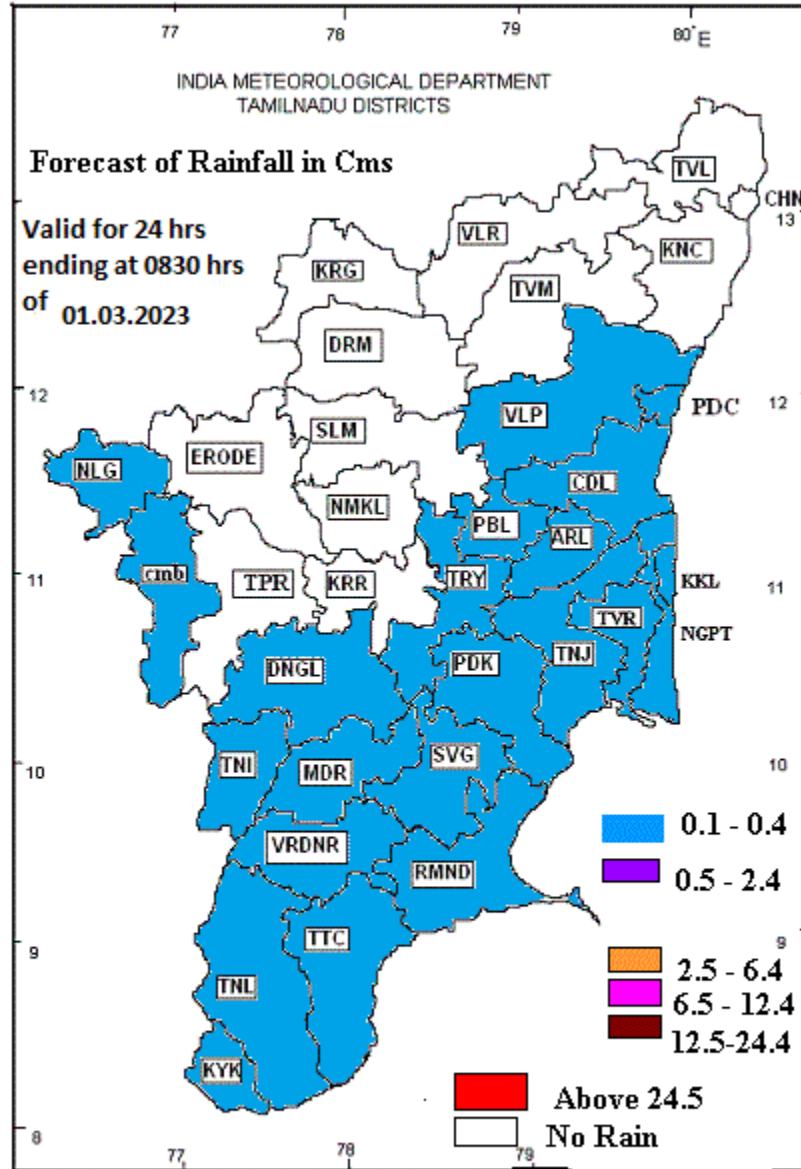
**24.02.23 : Nil**

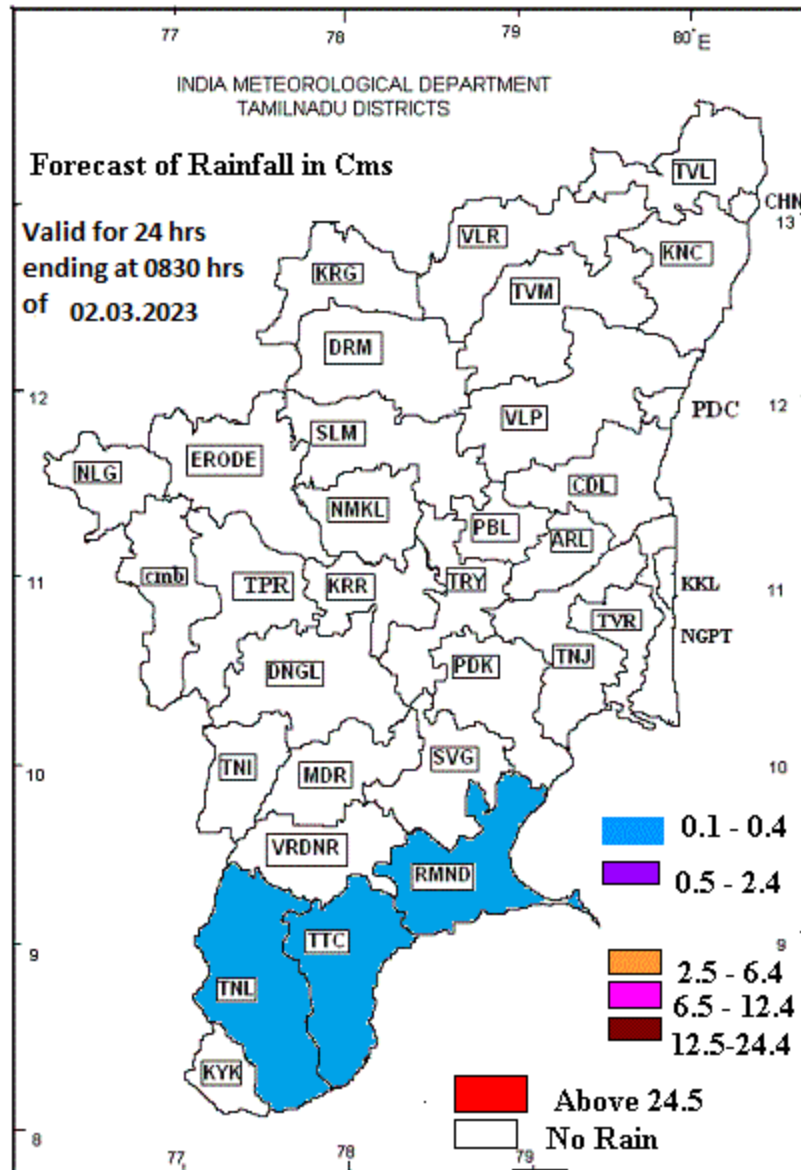
**25.02.23 : Nil**

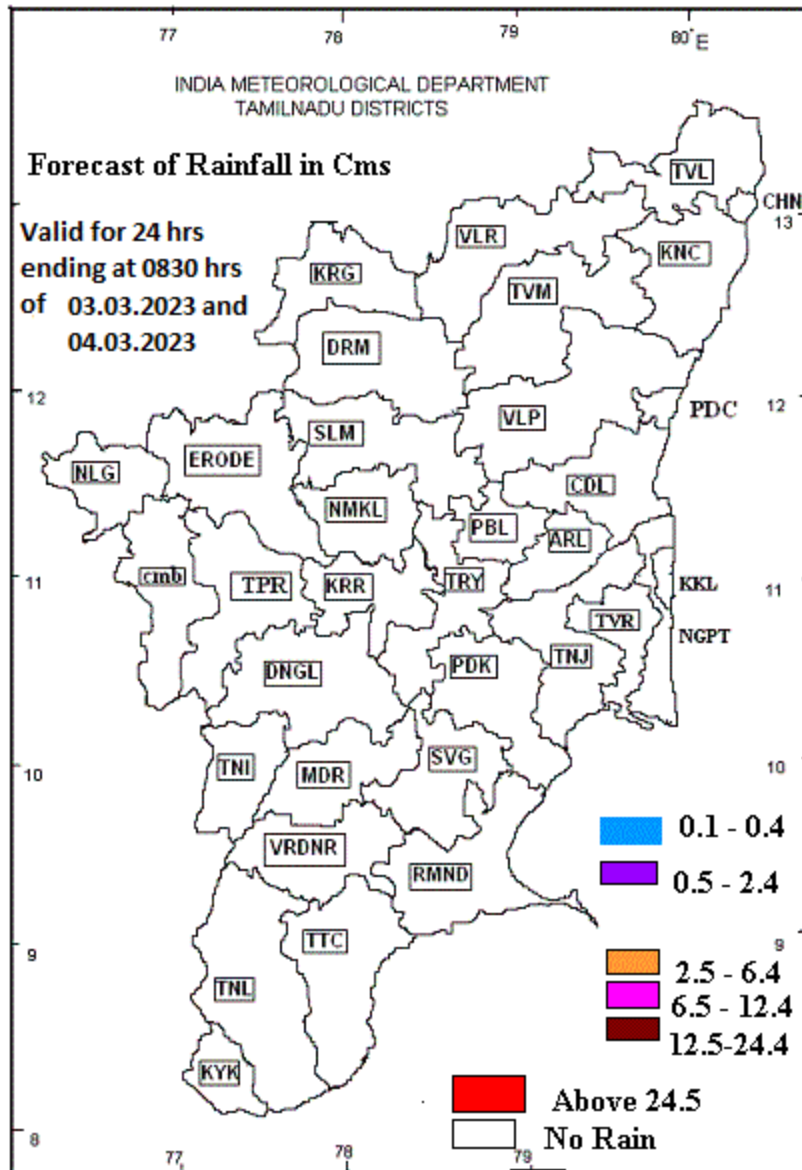
**26.02.23 : Nil**

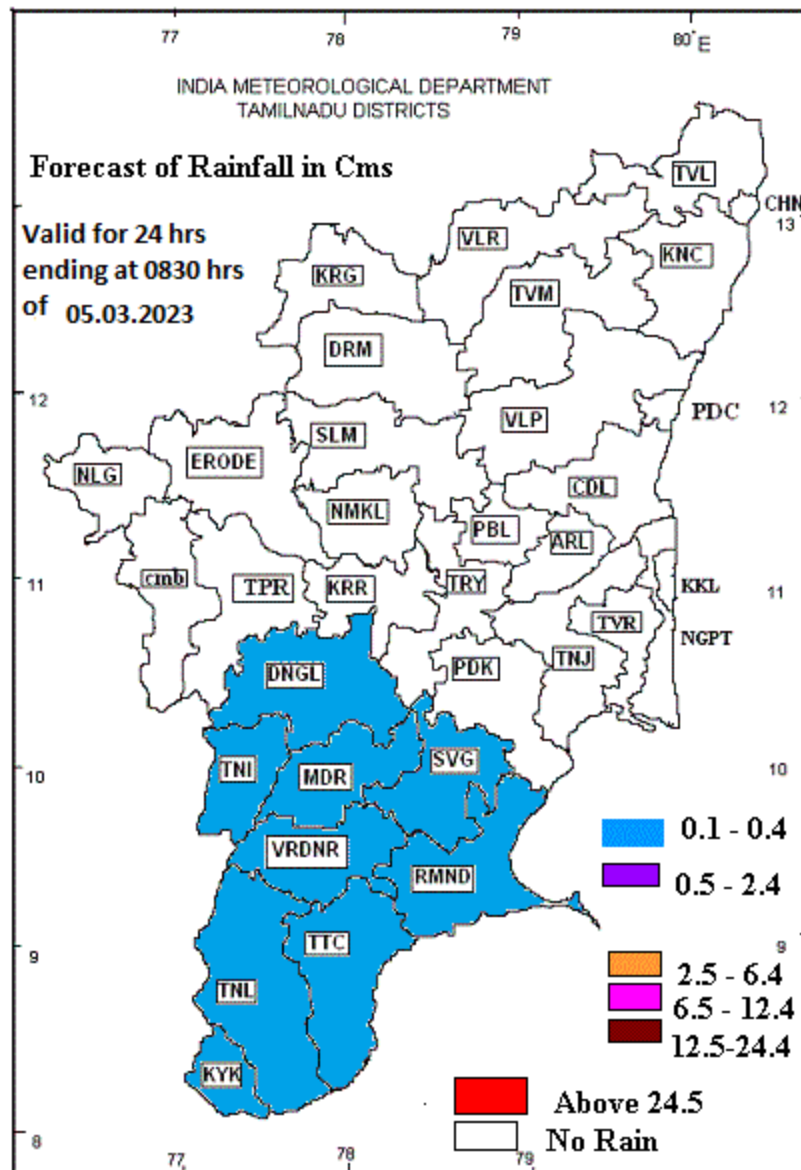
**27.02.23 : Nil**

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 28.02.23  
VALID FOR THE NEXT 5 DAYS**











## District-wise Agromet Advisories

### Chennai

SMS Advisory:

(03.03.2023-04.03.2023) Dry weather is very likely to prevail over TamilNadu,

Livestock Advisory

- 1.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.
- 2.The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.
- 3.The dairy cattle must be supplemented with mineral mixture to enhance milk production.
- 4.Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.
- 5.The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
- 6.This month is conducive for breeding in sheep, it may be allowed for mating this month.
- 7.The ruminants must not be allowed to graze in dew laden grass before sunrise
- 8.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.
- 9.The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

### Kancheepuram

SMS Advisory:

(03.03.2023-04.03.2023) Dry weather is very likely to prevail over TamilNadu,

Livestock Advisory

- 1.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.
- 2.The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.
- 3.The dairy cattle must be supplemented with mineral mixture to enhance milk production.
- 4.Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.
- 5.The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
- 6.This month is conducive for breeding in sheep, it may be allowed for mating this month.
- 7.The ruminants must not be allowed to graze in dew laden grass before sunrise
- 8.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.
- 9.The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

Agricultural advisory Rice:

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

Blackgram:

There are possibilities of leaf feeding Tobacco Caterpillar infestation in Black gram. For management farmers are advised to spray dichlorovos 76 WSC @ 1 lit/ha.

Groundnut:

There are possibilities of leaf feeding Tobacco Caterpillar infestation in ground nut crop. For management farmers are advised to spray dichlorovos 76 WSC @ 750 m.l./ha.

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:

(03.03.2023-04.03.2023) Dry weather is very likely to prevail over TamilNadu,

Livestock Advisory

- 1.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.
- 2.The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.
- 3.The dairy cattle must be supplemented with mineral mixture to enhance milk production.
- 4.Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.
- 5.The mortality in piglets during this season may be prevented using heaters at appropriate temperature.
- 6.This month is conducive for breeding in sheep, it may be allowed for mating this month.
- 7.The ruminants must not be allowed to graze in dew laden grass before sunrise
- 8.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.
- 9.The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

Agricultural advisory Rice:

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

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.

Blackgram:

Due to prevailing weather condition changes of blackgram powdery mildew infection. Symptoms are white powdery patches appear on leaves and other green parts which later become dull coloured. These patches gradually increase in size and become circular covering the lower surface also. When the infection is severe, both the surfaces of the leaves are completely covered by whitish powdery growth. Severely affected parts get shriveled and distorted. In severe infections, foliage becomes yellow causing premature defoliation. To control spray carbendazim @ 200 g/ac or wettable sulphur 600 g/ac at initiation of the disease and 10 days later.

Cashew:

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

Coconut:

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

Encourage buildup of parasitoids (*Encarsia* sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. In severe case, spray neem oil 10 ml/lit of water or spray azadirachtin

2.0 ml/lit of water with 1.0 ml of sticking agent.

## Tiruvannamalai

SMS Advisory:

(03.03.2023-04.03.2023) Dry weather is very likely to prevail over TamilNadu,

Livestock Advisory

1.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.

2.The water provided for poultry must be whole some and clean, moreover it must also be checked whether the water is up to the standard for drinking water.

3.The dairy cattle must be supplemented with mineral mixture to enhance milk production.

4.Grazing animals with for jowl edema condition and pale eye mucosa must be immediately dewormed.

5.The mortality in piglets during this season may be prevented using heaters at appropriate temperature.

6.This month is conducive for breeding in sheep, it may be allowed for mating this month.

7.The ruminants must not be allowed to graze in dew laden grass before sunrise

8.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.

9.The chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age).

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). Spraying 0.5% Potassium chloride during flowering and pod development stages will aid to mitigate the ill effects of water stress. Sprinkler irrigation will save water to the tune of about 30%.Borderstrip irrigation is recommended in command areas in light textured soils. Composted coir pith increases moisture availability and better drainage in heavy textured soil.

Apply gypsum 400 kg / Ha at 45 days after sowing.

Banana:

To control wilt in banana, apply *Bacillus subtilis* and *Trichoderma viride* @ 2.5 kg/ha. or drenching with *Bacillus subtilis* 5 ml/litre. To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3,5 and 7 months after planting of banana.

Coconut:

To control Rugose Spiraling Whitefly in coconut, release of *Encarsia guadeloupae* @ 100 parasitoids /ac (10 leafbits/ac), spray neem oil@10ml or azadirachtin 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. Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 m radius around the palms as mulch for soil moisture conservation particularly during summer season. Husk burial can be done in coconut basins or in the interspaces to overcome drought and button shedding. Bury husks @ 100 Nos. with concave surface facing upwards or 25 kg of coir pith /palm in circular trenches, dug 30 cm width and 60 cm depth at 1.5 meters radius.

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 Blow normal rainfall, Normal maximum and minimum temperature expected for the period of 05.03.2023 to 11.03.2023 over Tamil Nadu. Dry weather condition may be expected for forthcoming days so farmers are advised to irrigate the crop based on the soil moisture.

Crop(Varieties)	Crop Specific Advisory
RICE	Rice- Nursery to Stem Elongation Stage- 1.Thrips- Spray azadirachtin 0.15% @ 600-1000 ml/acre (Or) Spray Thiamethoxam 25 WG @ 40 g/acre; 2.Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litres of water; 3.Algal growth- Apply for Copper sulfate 1 kg/ acre in mix with irrigation water; 4.Bacterial leaf blight- Spray twice copper hydroxide 77 WP 500g per acre in 200 litres of water; 30 and 45 days after planting.
GROUNDNUT	Tobacco caterpillar- Spray Chlorantraniliprole 18.5% SC 60 ml (or) Spray Flubendiamide 40 ml per acre in 200 litres of water and Monitor the emergence of adult moths by setting up light and pheromone traps.
BLACK GRAM	1.White fly- Spray Methyl demeton 25% EC 500 ml (or) Spray Dimethoate 30% EC 500 ml per acre in 200 litres of water; 2.Leaf hopper - Spray the infested crop with methyl-o-
	demeton 750 ml in 700 -1000 L water per hectare.
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	1.Thrips- Spray imidacloprid 17.8% SL 3 ml/ 10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/ 1liter of water; 2. Powdery mildew- Spray wettable sulphur @ 3 g/l (or) Fipronil @ 2 ml/l three sprays at 15 days interval from the first appearance of symptoms.
BRINJAL	1.Shoot and fruit borer- Spray Azadirachtin 1.0% EC (10000 ppm) 3.0 ml/litre of water of chemical starting from one month after planting at 15 days interval. (or) Spray Emamectin benzoate 5 % SG 4 g/10 litre of water; 2. Whitefly- Spray Neem oil 3% (or) Spray Thiamethoxam 25 % WG 4.0 g/10 l and Monitor the whitefly with yellow sticky trap @ 5-6 / acre.

## Vellore

As per the IMD extended range forecast (ERF), generally normal rainfall and temperature is likely over Tamil Nadu and Puducherry during March 5th to 11th March 2023. Prevailing weather condition is favorable for powdery mildew disease incidence for all Gourds and Lab-Lab crops. Farmers are advised to monitor their field and take necessary plant protection measures based on symptoms of damage. Harvest the matured crops and store in safe places.

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 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). Spraying 0.5% Potassium chloride during flowering and pod development stages will aid to mitigate the ill effects of water stress. Sprinkler irrigation will save water to the tune of about 30%. Borderstrip irrigation is recommended in command areas in light textured soils. Composted coir pith increases moisture availability and better drainage in heavy textured soil. Apply gypsum 400 kg / Ha at 45 days after sowing.
SUGARCANE	Trash mulching - removal of dry trash at 5th month and leave it as mulch, in the field to conserve soil moisture.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	To control wilt in banana, apply Bacillus subtilis and Trichoderma viride @ 2.5 kg/ha. or drenching with Bacillus subtilis 5 ml/litre. To overcome micro nutrient deficiency and to improve quality of banana fruit micronutrient plays a major role. Micro nutrient can be sprayed at 3, 5 and 7 months after planting of banana.
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. Apply coconut husks with convex surface facing upwards (100 Nos.) or dried coconut leaves (15 Nos) or coir pith up to a height of 10 cm in the basin of 1.8 m radius around the palms as mulch for soil moisture conservation particularly during summer season. Husk burial can be done in coconut basins or in the interspaces to overcome drought and button shedding. Bury husks @ 100 Nos. with concave surface facing upwards or 25 kg of coir pith /palm in circular trenches, dug 30 cm width and 60 cm depth at 1.5 meters radius.
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.
BRINJAL	To control Fruit and shoot Borer in Brinjal Remove the affected terminal shoot showing boreholes. Remove the affected fruits and destroy. Avoid continuous cropping of brinjal crop. Neem seed kernel extract (NSKE) 5 %

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 above normal rainfall, normal maximum temperature and minimum temperature expected for the period of 05.03.2023 to 11.03.2023 over Tamil Nadu. Saseme growing farmers are advised to treat the seed with Trichoderma@ 4g/kg or treat the seed with carbendazim at 2.0 g/kg of seeds before sowing to control root rot infection.

Crop(Varieties)	Crop Specific Advisory
RICE	Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray carbosulfan 400 ml/ac or cartap hydrochloride 600 g/ac during morning or evening hours.
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.
BLACK GRAM	Due to prevailing weather condition changes of blackgram powdery mildew infection. Symptoms are white powdery patches appear on leaves and other green parts which later become dull coloured. These patches gradually increase in size and become circular covering the lower surface also. When the infection is severe, both the surfaces of the leaves are completely covered by whitish powdery growth. Severely affected parts get shriveled and distorted. In severe infections, foliage becomes yellow causing premature defoliation. To control spray carbendazim @ 200 g/ac or wettable sulphur 600 g/ac at initiation of the disease and 10 days later.
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.

COCONUT	1. Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids ( <i>Encarsia</i> sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.
Live Stock(Varieties )	Live Stock Specific Advisory
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.

## Coimbatore

### Agro Advisory

Crop	Stage	Advisory
General		Clear sky and dry days with wind speed of 4-8 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.
Maize	Flowering	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.
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.
Vegetables	Vegetative	Since temperature starts increasing, sucking pest like aphids, Thrips, Leaf Minor and Jassids may increases in Vegetable crops. If needed spray 5% Neem Seed Kernal Extract.
Banana	Planting	Dry wind with 4- 8 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support.
Animal		Provide clean drinking water to animals and poultry enough to meet the hot dry weather. Considering the rising maximum temperature and high morning relative humidity, it is proposed give Foot and Mouth diseases vaccination to all cattle's and buffalo. Vaccination to the sheep may be done in near be veterinary hospital against the fox disease Considering the temperature rise, milch animals need mineral mixture and hence 50grams of TANUVAS smart mineral mixture per animal per day may be mixed along with animal feed. Since temperature is rising provide enough drinking water. Considering the increasing temperature, artificial insemination to animals

		may be done in morning before 11am after cooling the animals by bathing.
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SMS advisory

Maize crop is most sensitive to moisture stress during flowering. Ensure optimum soil moisture by providing irrigation to avoid yield loss at harvest.

## Erode

Agro Advisory

Crop	Stage	Advisory
General		Clear sky and dry days with wind speed of 4-8 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.
Maize	Flowering	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.
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.
Vegetables	Vegetative	Since temperature starts increasing, sucking pest like aphids, Thrips, Leaf Minor and Jassids may increase in Vegetable crops. If needed spray 5% Neem Seed Kernel Extract.
Banana	Planting	Dry wind with 4- 8 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support.
Animal		Provide clean drinking water to animals and poultry enough to meet the hot dry weather. Considering the rising maximum temperature and high morning relative humidity, it is proposed give Foot and Mouth diseases vaccination to all cattle's and buffalo. Vaccination to the sheep may be done in near be veterinary hospital against the fox disease Considering the temperature rise, milch animals need mineral mixture and hence 50grams of TANUVAS smart mineral mixture per animal per day may be mixed along with animal feed. Since temperature is rising provide enough drinking water. Considering the increasing temperature, artificial insemination to animals may be done in morning before 11am after cooling the animals by bathing.

SMS advisory

Maize crop is most sensitive to moisture stress during flowering. Ensure optimum soil moisture by providing irrigation to avoid yield loss at harvest.



## Tiruppur

### Agro Advisory

Crop	Stage	Advisory
General		<p>Clear sky and dry days with wind speed of 4-8 km/hr is expected in western zone during next five days. Temperature is increasing.</p> <p>Dry days are continued. Provide irrigation based on soil moisture during evening hours and apply mulches to conserve moisture.</p> <p>By utilizing dry weather harvested produce may be dried and stored properly.</p>
Maize	Flowering	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.
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.
Vegetables	Vegetative	Since temperature starts increasing, sucking pest like aphids, Thrips, Leaf Minor and Jassids may increase in Vegetable crops. If needed spray 5% Neem Seed Kernel Extract.
Banana	Planting	Dry wind with 4- 8 km is expected in Western Zone districts. Protect the 5 months and above old Banana from lodging with adequate support.
Animal		<p>Provide clean drinking water to animals and poultry enough to meet the hot dry weather.</p> <p>Considering the rising maximum temperature and high morning relative humidity, it is proposed give Foot and Mouth diseases vaccination to all cattle's and buffalo.</p> <p>Vaccination to the sheep may be done in near be veterinary hospital against the fox disease</p> <p>Considering the temperature rise, milch animals need mineral mixture and hence 50grams of TANUVAS smart mineral mixture per animal per day may be mixed along with animal feed. Since temperature is rising provide enough drinking water.</p> <p>Considering the increasing temperature, artificial insemination to animals may be done in morning before 11am after cooling the animals by bathing.</p>

### SMS advisory

Maize crop is most sensitive to moisture stress during flowering. Ensure optimum soil moisture by providing irrigation to avoid yield loss at harvest.

## Nilgiris

To manage early blight in potato, foliar application of hexaconazole 2% SC @0.06% or mancozeb @ 2 g/l or chlorothalonil @ 2 g/l at 45, 60 and 75 days after planting is recommended. To manage aphids and jassids in bitter melon, foliar application of imidacloprid 70 WG 1.0g/10lit. is recommended.

Crop(Varieties)	Crop Specific Advisory
GARLIC	Foliar application of water-soluble micronutrient mixture @ 0.5 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
Rice	Harvest	Matured paddy in fields needs to be harvested before rain.
Sesame	Sowing	Sesame varieties suitable for Masipattam are TMV 4, VRI 1 and TMV 7.
Black gram	Flowering	In rice fallow black gram, spray DAP (2%) + KCl (1%) solution on morning or evening at flower initiation and another at 15 days interval. Alternatively "pulse wonder" at 5.0 kg/ha can be sprayed during flower initiation.
Sugarcane	Grand growth stage	Trash mulching - removal of dry trash at 5th month and leave it as mulch, in the field to conserve soil moisture.
Cattle	Cow	Feed animal with a mixture of oil cakes and 100 gram of jaggery per cow to maintain the body temperature of animals. Providing mineral mixture @ 30 gram/cow is also beneficial.

### SMS advisory

Matured paddy in fields needs to be harvested before rain.

## Tiruchirapalli

Tamilnadu's average rainfall is likely to be Above normal during this week (01.03.2023 to 07.03.2023) From 0.80 mm to 1.08 mm. To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

Crop(Varieties)	Crop Specific Advisory
RICE	To control thrips in paddy, Spray azadirachtin 0.15% @ 600-1000 ml/acre or thiamethoxam 25 WG @ 40 g/acre.
BLACKGRAM	Spray pulse wonder 2 kg/ac in 200 litres of water at flowering stage. add adequate wetting agent. Benefits: Decreases flower shedding, Increases yield up to 20 per cent & Increases drought tolerance.

GROUNDNUT	Spray Groundnut Rich 2 kg/ac in 200 litres of water at flowering stage. add adequate wetting agent. Benefits: Decreases flower shedding, Increases yield up to 20 per cent &
	Increases drought tolerance.
SUGARCANE	Spray sugarcane booster 1,1.5, and 2 kg / acre at 45, 60 and 75 days after planting respectively in 200 litres of water with adequate quantity of wetting agent. Benefits: Enhances cane growth and weight, Improves inter nodal length, Improves cane yield up to 20 per cent, Improves sugar content and Increases drought tolerance.
Horticulture(Va rieties)	Horticulture Specific Advisory
BANANA	Light to heavy rainfall with wind will expected in forthcoming days so farmers are advised to save the banana crop by using stacking method with casuarina poles.
BANANA	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3, 5 and 7 month after planting to increase the yield of banana.
BANANA	High humidity, prolonged leaf wetness and warmer temperature favour occurrence of leaf spot complex in banana. Spray Propiconazole at 0.5 ml per litre of water or Carbendazim 3g/l of water or Mancozeb 2g/ l of water. Depending on the severity repeat the spray 2 to 3 times with alternate chemicals at 15 – 20 days interval.
OKRA/ LADYFINGER	Prevailing weather is favorable for shoot and fruit borer incidence in bhendi. To control remove the affected terminal shoot showing boreholes. Install pheromone trap@ 5 nos./ac or spray azadirachtin 1.0% EC 3.0 ml/lit or emamectin benzoate 5 % SG 4.0g/10 liter.
BRINJAL	To increase the yield in Brinjal, farmers are advised to spray growth regulators in Brinjal fields. Spray 1ml Triacantanol plus Sodium Borate or Borax @ 35 mg/litre of water, 15 days after transplanting and at the time of full bloom to increase the yield.
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.
CHILLI	Chilli -Thrips incidence spraying of Emamectin benzoate 5%SG @4g/10 lit. (or) Spinosad 45 %SC @ 3.2ml/10lit.
TOMATO	Tomato - Early blight incidence Spray of hexaconazole 5% SC @ 1ml/l or propiconazole 25% EC @ 1 ml/l at 30 and 50 days after planting.
ONION	leaf blight in onion crop - Hundreds of white specks are seen on the foliage. The disease then spreads very rapidly and tops of the entire crop may be killed. Management measures Carbendazim @ 4 gram / kg of bulb treatment. Or Mancozeb or Chlorothalonil or Redomylcold 1 gram / litre of water 5 – 7 days interval during incidence.
Others (Soil / Land Preparation)(Va rieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL	As the temperature is expected to increase in the forthcoming days, sucking pest infestation may be increased vegetable crops. Hence, 5% Neem seed kernel extract may

ADVICE	be sprayed to control the pest incidence.
GENERAL ADVICE	Moderate rainfall will be expected in the forthcoming days so, avoid and don't spray any chemicals to crop and better to spray chemicals at the time of no rain. Provide adequate drainage facility.
GENERAL ADVICE	To know the precaution of thunder and lightning, download DAMINI app and use it wisely.

## Tiruchirapalli Block level

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

Tamilnadu's average rainfall is likely to be Above normal during this week (01.03.2023 to 07.03.2023) From 0.80 mm to 1.08 mm. To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

Crop(Varieties)	Crop Specific Advisory
RICE	To control thrips in paddy, Spray azadirachtin 0.15% @ 600-1000 ml/acre or thiamethoxam 25 WG @ 40 g/acre.
BLACKGRAM	Spray pulse wonder 2 kg/ac in 200 litres of water at flowering stage. add adequate wetting agent. Benefits: Decreases flower shedding, Increases yield up to 20 per cent& Increases drought tolerance.
GROUNDNUT	Spray Groundnut Rich 2 kg/ac in 200 litres of water at flowering stage. add adequate wetting agent. Benefits: Decreases flower shedding, Increases yield up to 20 per cent& Increases drought tolerance.
SUGARCANE	Spray sugarcane booster 1,1.5, and 2 kg / acre at 45, 60 and 75 days after planting respectively in 200 litres of water with adequate quantity of wetting agent. Benefits: Enhances cane growth and weight, Improves inter nodal length, Improves cane yield up to 20 per cent, Improves sugar content and Increases drought tolerance.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	Light to heavy wind will expected in forthcoming days so farmers are advised to save the banana crop by using stacking method with casuarina poles.
BANANA	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3, 5 and 7 month after planting to increase the yield of banana.

BANANA	High humidity, prolonged leaf wetness and warmer temperature favour occurrence of leaf spot complex in banana. Spray Propiconazole at 0.5 ml per litre of water or Carbendazim 3g/l of water or Mancozeb 2g/ l of water. Depending on the severity repeat the spray 2 to 3 times with alternate chemicals at 15 – 20 days interval.
OKRA/ LADYFINGER	Prevailing weather is favorable for shoot and fruit borer incidence in bhendi. To control remove the affected terminal shoot showing boreholes. Install pheromone trap@ 5 nos./ac or spray azadirachtin 1.0% EC 3.0 ml/lit or emamectin benzoate 5 % SG 4.0g/10 liter.
BRINJAL	To increase the yield in Brinjal, farmers are advised to spray growth regulators in Brinjal fields. Spray 1ml Triacontanol plus Sodium Borate or Borax @ 35 mg/litre of water, 15 days after transplanting and at the time of full bloom to increase the yield.
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.
CHILLI	Chilli -Thrips incidence spraying of Emamectin benzoate 5%SG @4g/10 lit. (or) Spinosad 45 %SC @ 3.2ml/10lit.
TOMATO	Tomato - Early blight incidence Spray of hexaconazole 5% SC @ 1ml/l or propiconazole 25% EC @ 1 ml/l at 30 and 50 days after planting.
ONION	leaf blight in onion crop - Hundreds of white specks are seen on the foliage. The disease then spreads very rapidly and tops of the entire crop may be killed. Management measures Carbendazim @ 4 gram / kg of bulb treatment. Or Mancozeb or Chlorothalonil or Redomylcold 1 gram / litre of water 5 – 7 days interval during incidence.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	As the temperature is expected to increase in the forthcoming days, sucking pest infestation may be increased vegetable crops. Hence, 5% Neem seed kernel extract may be sprayed to control the pest incidence.
GENERAL ADVICE	Since dry weather is expected for 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.
GENERAL ADVICE	To know the precaution of thunder and lightning, download DAMINI app and use it wisely.

## Dindigul

Extended range Forecast for next week (3rd – 9th Mar 2023): Rainfall: As per extended range predictions, there is possibility of slightly below normal to near normal rainfall likely over the district during 3rd to 9th Mar 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. 3rd to 9th Mar 2023. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 20°C over the district during next week 3rd to 9th Mar 2023. Chances of very light rain on 1 & 5 Mar. Max temp-35°C- 36°C & Min temp -22°C-23°C.Sky appears mainly clear for the next 3 days & partly cloudy for the other 2 days. Wind speed 4-8 kmph from NE,E&SE direction.

Crop(Varieties)	Crop Specific Advisory
MAIZE	The incense of Fall Armyworm was noticed in Maize fields. It spreads widely in the field. The larvae feed on the young growing shoots resulting in heavy shoot damage. To control this install Pheromone trap @ 5Nos per acre. Also, erect bird perches @ 10Nos.per acre. Add Metarhizium Anisopliae or Beauveria Bassiana @ 70gms or 70ml per 10 litres of water with Jaggery @ 50gms and Sticky agent @ 10ml, stir well, remove the nozzle and spray the solution on the top of the shoot during the non-rainy days. Or using the chemical method, spray the following insecticides Emamectin benzoate 5SG @10gm (Promactin) and Permethrin @ 25ml + 10ml Sticky agent with 10 litres of water, stir well and spray the solution on the top of the shoot during the non-rainy days.
NAPIER BAJRA	In order to overcome the fodder crisis during summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops.
BRINJAL	The incidence of sucking pests like leaf hoppers, thrips, whitefly, spiralling whitefly are noticed in the Horticultural crop fields. Hence, farmers are advised to monitor the sucking pests by installing yellow sticky traps @ 5 Nos./acre. For severe infestation, spray any one of the following, Neem Seed Kernel Extract @ 50g/lit. of water or Neem oil @ 30ml per litre of water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Due to the prevailing weather the feed intake by chicks will be decreased, to rectify this increase the amount of amino acids, mineral mixture with the chick feed. Also, during the summer season the egg shells are much thinner than usual. To avoid this, put large amount of oyster in plates and always make it available for the layer birds. During the summer, number of water tanks should be increased than usual (ie. 20% to 30%). To reduce the dehydration process, add more mineral in the water.

## Madurai

Extended range Forecast for next week (3rd – 9th Mar 2023): Rainfall: As per extended range predictions, there is possibility of slightly below normal to near normal rainfall likely over the district during 3rd to 9th Mar 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. 3rd to 9th Mar 2023. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 20°C over the district during next week 3rd to 9th Mar 2023. Chances of very light rain on 1 & 5 Mar. Max temp-35°C- 36°C & Min temp -22°C- 23°C.Sky appears mainly clear for the next 3 days & partly cloudy for the other 2 days. Wind speed 4-8 kmph from NE direction.

Crop(Varieties)	Crop Specific Advisory
JASMINE	There are chances of nematode infection in Jasmine fields. Farmers are advised to test the soil for nematode infection. The infestation leads to the yellowing of leaf colour and ultimately drying. To control this, apply Paecilomyces lilacinus 4 Kg per acre near the root zone and then irrigate the field.
NAPIER BAJRA	In order to overcome the fodder crisis during summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Application of Micronutrients to vegetable crops may give good results. Farmers are advised to apply micronutrients to vegetable crops through fertigation or foliar spray during the flowering to the fruiting stage.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Due to the prevailing weather the feed intake by chicks will be decreased, to rectify this increase the amount of amino acids, mineral mixture with the chick feed. Also, during the summer season the egg shells are much thinner than usual. To avoid this, put large amount of oyster in plates and always make it available for the layer birds. During the summer, number of water tanks should be increased than usual (ie. 20% to 30%). To reduce the dehydration process, add more mineral in the water.

## Pudukottai

Farmers are advised to go for mulching to preserve the soil moisture for the crop growth. 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 spray.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Foliar spray of TNAU Pulse Wonder @ 2 kg/acre in 200 litres of water at flower initiation stage decreases flower shedding, increases yield and moisture stress tolerance.
Horticulture(Varieties)	Horticulture Specific Advisory
PAPAYA	For papaya, when the crop is at 2 months old spray, zinc sulphate 2 grams + 1 gram borax per liter water.

WATER MELON	To know aphids incidence install yellow sticky traps in the field. If there is a high incidence of thrips spray Fipronil 5 SC 2 ml per liter water or spinosad 45 SC 0.35 ml per liter water. When there is the attack of fruit borers spray Novaluraon 10 EC 1 ml or Emamectin Benzoate 5 SC 0.5 grams per liter water.
Live Stock(Varieties )	Live Stock Specific Advisory
COW	To prevent cows from being bitten by mosquito during the day, 1 leaf of aloe vera can be mixed with 10 omam leaves and rubbed with water solution on the cows. This should not be applied to goats. The shed should be covered with tarpaulins or mats to create a conducive environment to prevent various disturbances to the livestock due to frost, snow and cold. 5 Betel leaves in case of venomous infections like scorpion and snake in cattle. Mix 5 g pepper and 5 g salt one by one and grind it and apply it on the tongue to get relief.

## Ramanathapuram

From extended range forecast, Normal rainfall, Normal maximum temperature and Minimum temperature expected for the period of March 05 to March 11 over Tamil Nadu. Harvest the mature crop immediately and store harvest produce at safe place.

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	Dry weather with high day temperature is favourable for incidence of thrips in Chilli. The damage symptoms are infested leaves crinkle and curl upwards, flower buds become brittle and drop down. Early stage infestation leads to stunted growth and reduction in flower production and fruit setting. If symptoms are observed in field, spray any one of the chemicals viz., . Fipronil 5 SC @ 300 ml/ac or Imidacloprid 17.8 SL @ 60 ml/ac or Spinetoram 11.7 SC @ 200 ml/ac.
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 rugose whitefly is expected in coconut. The damage symptoms are presence of heavy white waxy material and sticky honeydew on the under surface of leaves and become black sooty mold formation on the coconut leaves. If symptoms are observed in coconut tree. Spraying of water forcibly on the under surface of the palm by forcible sprayers. Setting up of yellow sticky traps smeared with castor oil @ 10 Nos. /acre. Spraying with boiled maida flour paste @ 25g/liter of water. Spraying of @ 5 ml of neem oil in one liter of water along with 1 ml of sandovit as sticking agent.
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## Sivagangai

Extended range Forecast for next week (3rd – 9th Mar 2023): Rainfall: As per extended range predictions, there is possibility of slightly below normal to near normal rainfall likely over the district during 3rd to 9th Mar 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. 3rd to 9th Mar 2023. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 20°C over the district during next week 3rd to 9th Mar 2023. Chances of very light rain on 1 & 5 Mar. Max temp-35°C- 36°C & Min temp -22°C- 23°C. Sky appears mainly clear for the next 3 days & partly cloudy for the other 2 days. Wind speed 4-8 kmph from NE & E direction.

Crop(Varieties)	Crop Specific Advisory
NAPIERBAJRA	In order to overcome the fodder crisis during summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops.
Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	Early leaf blight disease is predominant in tomato-growing areas. For the management of this disease, remove and destroy the infected crop debris. For effective disease control, spray the crop with Chlorothalonil @ 2g/litre or Copper hydroxide 2g/litre at fortnight intervals.
CHILLI	The occurrence of Fusarium wilt was noticed in Chilly. Fusarium wilt is characterized by wilting of the Chilly plant, upward and inward rolling of the leaves and leaves turn yellow and die. Generally, appear in localized areas of the field,
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Due to the prevailing weather the feed intake by chicks will be decreased, to rectify this increase the amount of amino acids, mineral mixture with the chick feed. Also, during the summer season the egg shells are much thinner than usual. To avoid this, put large amount of oyster in plates and always make it available for the layer birds. During the summer, number of water tanks should be increased than usual (ie. 20% to 30%). To reduce the dehydration process, add more mineral in the water.

## Theni

Extended range Forecast for next week (3rd – 9th Mar 2023): Rainfall: As per extended range predictions, there is possibility of slightly below normal to near normal rainfall likely over the district during 3rd to 9th Mar 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. 3rd to 9th Mar 2023. Minimum Temperature: Minimum temperatures are likely to be generally near normal and are likely to be in the range 18°C to 20°C over the district during next week 3rd to 9th Mar 2023. Chances of very light rain on 1 & 5 Mar. Max temp-35°C- 36°C & Min temp -22°C- 23°C.Sky appears mainly clear for the next 3 days & partly cloudy for the other 2 days. Wind speed 6-8 kmph from NE & E direction.

Crop(Varieties)	Crop Specific Advisory
NAPIER BAJRA	In order to overcome the fodder crisis during summer months, farmers are requested to allot 10 per cent of the irrigated land to fodder crops viz., Cumbu Napier Hybrid or any other fodder crops.
Horticulture(Varieties)	Horticulture Specific Advisory
BANANA	The incidence of pseudo stem borer is expected in Banana. The symptom of damage appears in the stem. Grub bores into the pseudo stem making tunnels, tunnelled part decomposes and a blackened mass comes out from the bore hole. To control, spray Chlorantraniliprole @ 10ml + Sticky agent 10ml with 10 litres of water.
BRINJAL	Farmers are advised to monitor the whitefly in the Brinjal field. To manage this, fix the yellow sticky trap at 5 Nos. per acre. And Spray the mixture of 3ml Neem oil with 1ml Teepol (Sticky agent) per litre of water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Due to the prevailing weather the feed intake by chicks will be decreased, to rectify this increase the amount of amino acids, mineral mixture with the chick feed. Also, during the summer season the egg shells are much thinner than usual. To avoid this, put large amount of oyster in plates and always make it available for the layer birds. During the summer, number of water tanks should be increased than usual (ie. 20% to 30%). To reduce the dehydration process, add more mineral in the water.

## Kanyakumari

### AGRO ADVISORIES:

S. N.	CROP	STAGES	ADVISORIES
	There are possibilities of low rainfall on 01.03.23 to 05.03.23. Maximum temperature will range from 34 - 35°C and minimum temperature will range from 24 - 25°C. Partly cloudy condition may prevail. The relative humidity will be 30 – 90 %. Wind speed may be 8 – 10 km / hr in East direction.		
1.	Horticultural crops	All stages	Irrigation should be given to the newly planted fruit trees and other horticultural crops due to light rainfall.

2.	Tapioca	All stages	Spraying of fish oil rosin soap @ 25g/litre for the management of tapioca mealy bug.
3.	Banana	All Stages	As the temperature will shoot high and wind speed (8 to 10 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.
4.	Vegetables	All stages	Sufficient irrigation should be given to vegetables to protect against high temperature.
5.	Rice	Maturity stages	Spray malathion 50 EC 500 ml/ha to control the earhead bug in rice.

#### SMS Advisory

Irrigation should be given to fruit trees, Spices, Vegetables and other horticultural crops.

## 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. Farmers are advised to monitor the standing crop regularly for pest disease incidence and use the suitable recommended control measures.
Tapioca	Vegetative stage	Dry weather favours red spider mite incidence in Tapioca. To manage red spider mite damage Spray wettable sulphur 50 WP 2g/lit or dicofol 18.5 EC 2.5 ml/liter.
Banana	Vegetative stage	High humidity, prolonged leaf wetness and warmer temperature favour occurrence of leaf spot complex in banana. Spray Propiconazole at 0.5 ml per litre of water or Carbendazim 3g/l of water or Mancozeb 2g/ l of water. Depending on the severity repeat the spray 2 to 3 times with alternate chemicals at 15 – 20 days interval.
Jasmine	Vegetative	Higher temperature and humidity favours the incidence of Bud worm in jasmine, to control the pest damage Collect and destroy infested flowers along with larvae at least once in a week. Proper pruning and hygienic maintenance of the bushes helps to minimize the pest incidence. Set up light trap to attract and kill the adult moths. Spraying of neem seed kernal extract (NSKE) at 5 per cent level is found effective. Spray thiacloprid 240 SC at 1 ml per litre of water to control the pest population.

Mango	Flowering Vegetative	Excess irrigation during flowering stage leads to flower drop. Hence, Avoid excess watering during flowering. During flowering stage incidence of mango hoppers, sooty mould and powdery mildew occurs. To manage Spray 0.6 ml imidacloprid 17.8 SI per 1l of water or 0.6 g Thiamethoxam 25 WG per l of water or 0.6 g Acetamiprid 20 SP per l of water or 0.6 ml spirotetramat 150 OD with 2.5 g/l wettable sulphur 75 WP In case of delayed flowering in Mango, spray 10 g of urea/ l of water. Spray twice after 21 days.
Birds	General	Provide B-Complex supplements in drinking water to poultry birds to improve production and health status in birds. Farmers are advised provide proper brooding facility to young ones during rainy days.

## Namakkal

### Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock and Poultry	General	Green fodders produced by hydroponics method can be used for feeding livestock and poultry during drought season when green fodders are not available. In this method, green fodders are grown without soil for a short duration of 5-7 days with yields of 5-6 folds on fresh basis using maize. The seeds (grains, legume seeds etc.) soaked in water for 24 hours, transferred to trays and grown for 7 days. To produce one kg of fresh hydroponics maize fodder, about 3-4 litres of water is required. The hydroponics fodder is palatable and easily digestible. The quantity recommended per day per animal is 10 -15 kg for cattle, 1-2 kg for small ruminants, 0.5 kg for rabbits and 100 gram for poultry.
Livestock	General	To protect animals from the hot weather fluctuations, keep them in well ventilated shelters and under the shade of trees. Coconut leaves or paddy straws may be spread over the roof of the animal shed and spray water to avoid heat stress to the animals. Crop residues and unconventional feeds such as tapioca leaves, onion crop residues, banana leaves and stems etc., may be fed to the animals in case of scarcity of pasture in grazing lands. Supplement TANUVAS mineral mixture along with concentrate feed @ 30- 50 gm /animal /day for milch animals.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Tree crops	General	Farmers are requested to take up sowing with 20 kg multigrain seeds / acre and incorporate them in the same field before flowering stage (30 – 45 days after sowing). In this situation, farmers need not to apply any organic manures separately for the perenial crops in their field.
		Multigrain green manuring includes five kinds of seeds viz Cereal crops (sorghum, maize, pearl millet, kodomillet, prosomillet, barnyard millet, little millet and

		foxtail millet), Pulse crops (greengram, blackgram, redgram, cowpea, mothbean, and horsegram) Oilseeds crops (groundnut, sesame, castor and sunflower) Spice crops (coriander, cumin, fennel and mustard) Green manure crops (daincha, sunhemp, agathi, kolunji, calotropis and neem). Select 2 – 3 crops from each five plants category. After selection of crops, take 2 – 3kg for large sized seeds, 1 – 2 kg for medium sized seeds and 250 gram for small sizes seeds and make them up to 20 kg for undertaking sowing in 1 acre of field.
Banana	Vegetative stage	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3 , 5 and 7 month after planting to increase the yield of banana.
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

No Rainfall - Apply light and frequent irrigation to the standing crops, Mango hoppers incidence Spray Imidacloprid 17.8 SL 2.0 ml/10 litter or Dimethoate 30EC 1.5 ml/l.	
Crop	Advisory
Mango	Prevailing weather Mango hoppers incidence Nymphs and adults suck the sap of inflorescence, Withering. Shedding of flower buds and flowers, Presence of honey dew segregation on lower leaves and development of sooty mould. Clicking sound – movement of jassids amidst leaves. Hoppers provide shelter in the cracks and crevices of the barks on the tree Management of the incidence Avoid close planting, as the incidence very severe in overcrowded orchards. Orchards must be kept clean by ploughing and removal of weeds. Spray Imidacloprid 17.8 SL 2.0 ml/10 litter or Dimethoate 30EC 1.5 ml/l.
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.
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
Livestock and Poultry	General	<p>Green fodders produced by hydroponics method can be used for feeding livestock and poultry during drought season when green fodders are not available.</p> <p>In this method, green fodders are grown without soil for a short duration of 5-7 days with yields of 5-6 folds on fresh basis using maize.</p> <p>The seeds (grains, legume seeds etc.) soaked in water for 24 hours, transferred to trays and grown for 7 days.</p> <p>To produce one kg of fresh hydroponics maize fodder, about 3-4 litres of water is required. The hydroponics fodder is palatable and easily digestible.</p> <p>The quantity recommended per day per animal is 10 -15 kg for cattle, 1-2 kg for small ruminants, 0.5 kg for rabbits and 100 gram for poultry.</p>
Livestock	General	<p>To protect animals from the hot weather fluctuations, keep them in well ventilated shelters and under the shade of trees.</p> <p>Coconut leaves or paddy straws may be spread over the roof of the animal shed and spray water to avoid heat stress to the animals.</p> <p>Crop residues and unconventional feeds such as tapioca leaves, onion crop residues, banana leaves and stems etc., may be fed to the animals in case of scarcity of pasture in grazing lands.</p> <p>Supplement TANUVAS mineral mixture along with concentrate feed @ 30- 50 gm /animal /day for milch animals.</p>
Agro advisory from Krishi Vigyan Kendra		
Tree crops	General	<p>Farmers are requested to take up sowing with 20 kg multigrain seeds / acre and incorporate them in the same field before flowering stage (30 – 45 days after sowing). In this situation, farmers need not to apply any organic manures separately for the perenial crops in their field.</p> <p>Multigrain green manuring includes five kinds of seeds viz Cereal crops (sorghum, maize, pearl millet, kodomillet, prosomillet, barnyard millet, little millet and foxtail millet), Pulse crops (greengram, blackgram, redgram, cowpea, mothbean, and horsegram) Oilseeds crops (groundnut, sesame, castor and sunflower) Spice crops (coriander, cumin, fennel and mustard) Green manure crops (daincha, sunhemp, agathi, kolunji, calotropis and neem). Select 2 – 3 crops from each five plants category. After selection of crops, take 2 – 3kg for large sized seeds, 1 – 2 kg for medium sized seeds and 250 gram for small sizes seeds and make them up to 20 kg for undertaking sowing in 1 acre of field.</p>
Banana	Vegetative stage	Farmers are requested to apply banana shakthi @ 20 gram / litre of water along with lemon juice at 3 , 5 and 7 month after planting to increase the yield of banana.
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.

## 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:

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

### Puducherry Block level

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

Light rain is likely to occur at isolated places from 01.3.2023 to 05.03.2023. Light rainfall will be expected in the forthcoming days so, don't spray any chemicals to crop and better to spray chemicals at the time of no rain.

Crop(Varieties)	Crop Specific Advisory
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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(Va rieties)	Horticulture Specific Advisory
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.
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)(Va rieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.

