



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 011/2022

For the period 0830 IST, 08th February 2022 to
0830 IST, 13th February 2022

Issued on Tuesday, 08th February 2022

Issued by

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

Agro climatic zones of the state

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



Past Weather Summary for the period 04.02.22 to 07.02.22 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 18°C – 22°C during the period.

Minimum temperature of range 19°C - 26°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 04°C - 10°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)	04.02.22	Tamil Nadu
Dry	05.02.22, 06.02.22 & 07.02.22 04.02.22, 05.02.22, 06.02.22 & 07.02.22	Tamil Nadu Puducherry

Chief Amounts of Rainfall (in cms):-

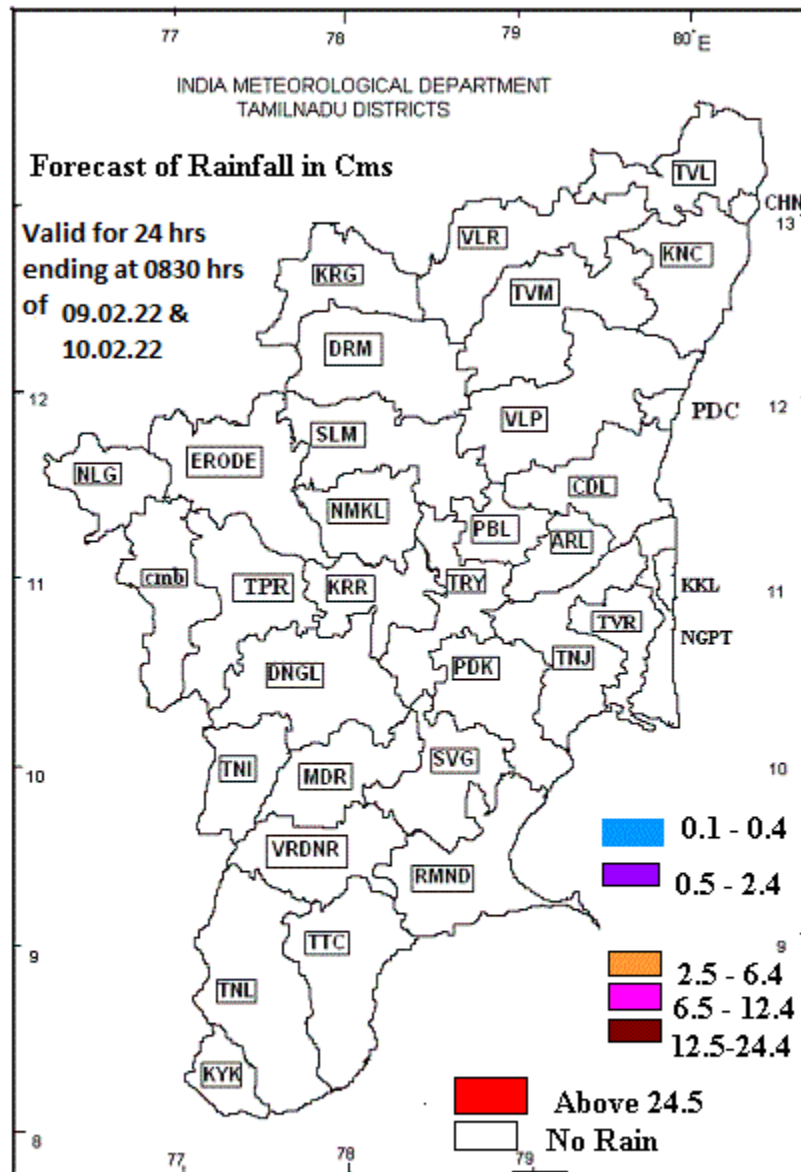
04.02.22 : Nil

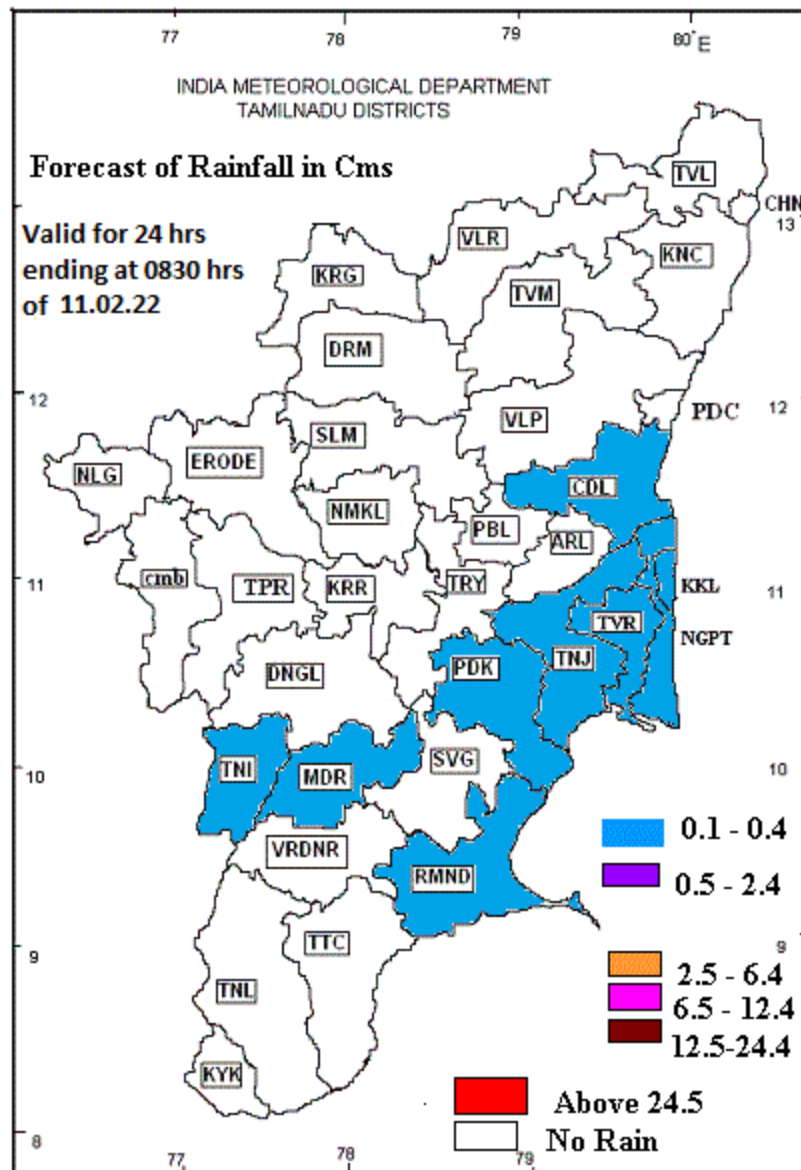
05.02.22 : Nil

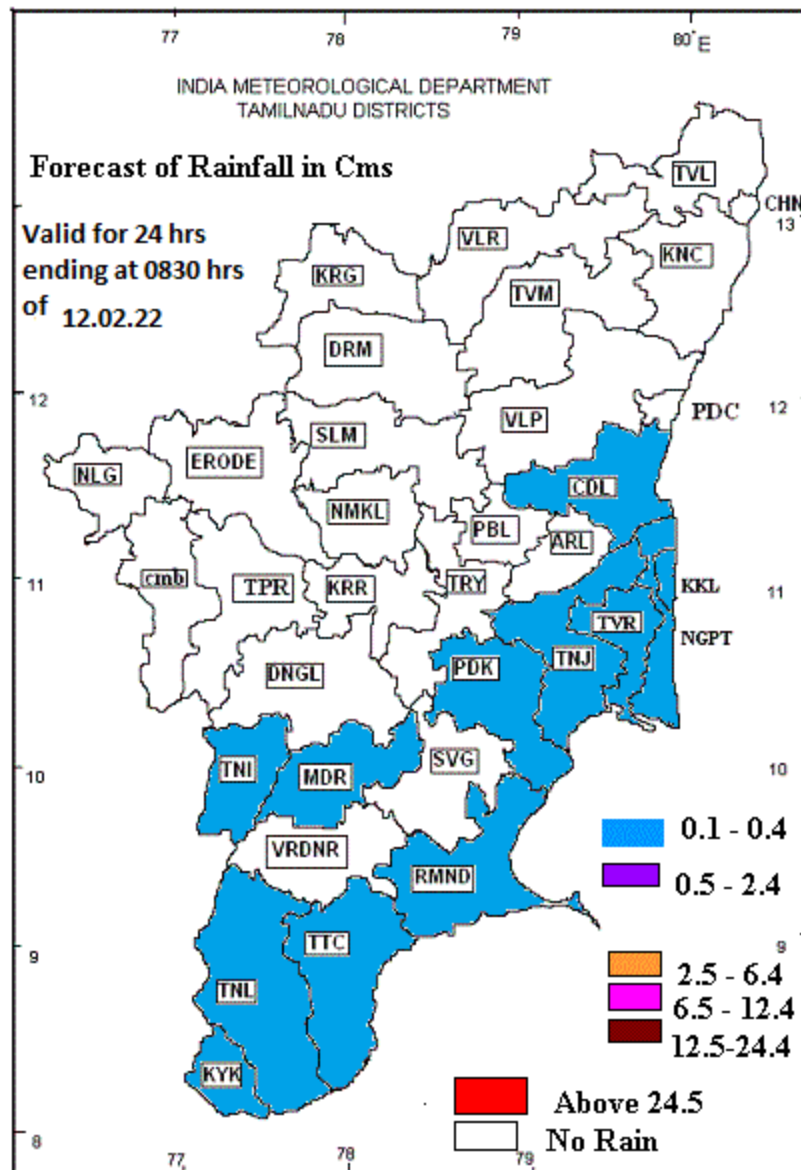
06.02.22 : Nil

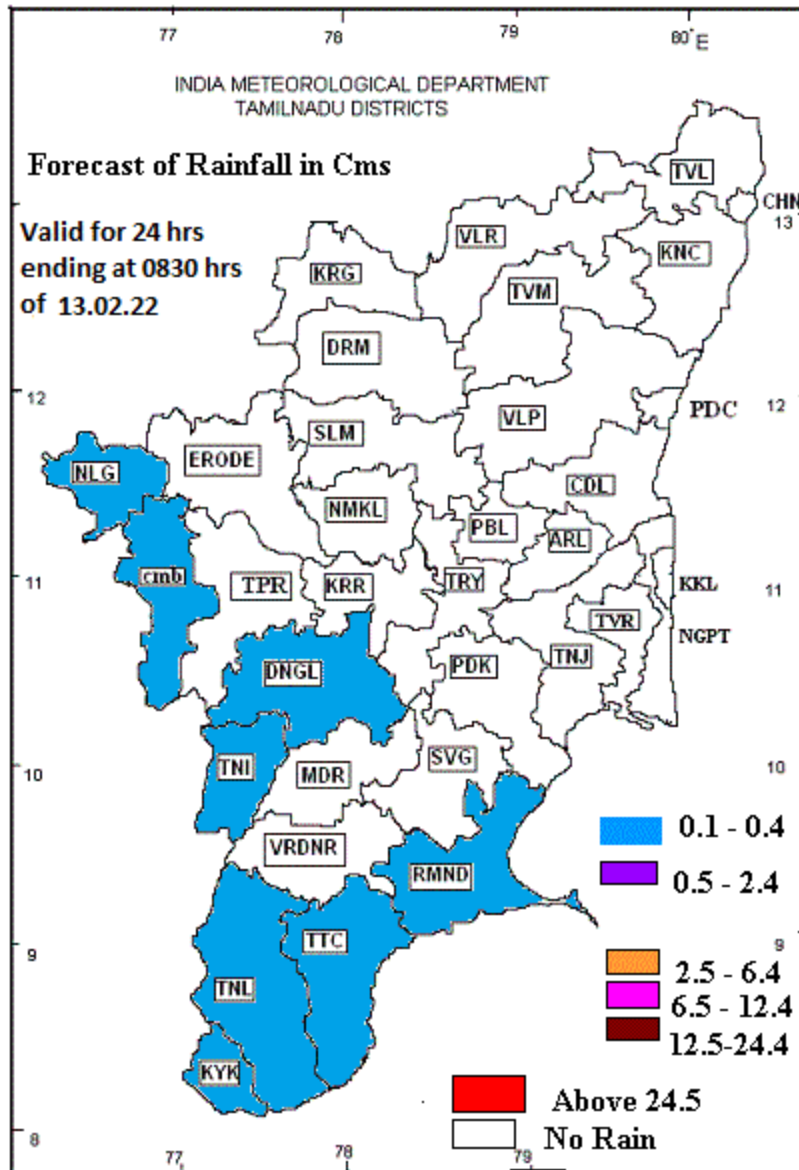
07.02.22 : Nil

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 08.02.2022
VALID FOR THE NEXT 5 DAYS**









Districtwise Agromet Advisories

Chennai

SMS Advisory: Regular vaccination is done for poultry on all Saturday in veterinary dispensaries hence farmers are advised accordingly. 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 chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age). 6 Add 5%shell grit in laying hens for optimum egg production 7 The lush grass fodder may be conserved for silage preparation. 8 The Weather condition predispose to the livestock through fungal infection, Hence precaution must be taken. 9 The prevailing condition is conducive for sheep breeding. 10 Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.

Kancheepuram

As per IMD Extended Range Forecast for the period of 13.02.2022 to 19.02.2022 Tamil Nadu & Pondicherry region may likely to receive lesser rainfall than the normal. Farmers are advised to irrigate their crop field based on the soil moisture availability. Farmers are advised to vaccinate their poultry birds against Ranikhet disease in nearby veterinary dispensary.

Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	In coconut there are possibilities of Rugose Spiraling whitefly infestation. For management farmers are advised to take up spray of Neem oil @ 3% .
CHILLI	There is possibilities thrips insect infestation in chillies crops. For management farmers are advised to spray Imidacloprid 3.0 ml/10 lit of water.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	There are possibilities of shoot borer insect infestation in brinjal and bhendi crops. For management farmers are advised to install pheromone trap @ 5/acre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Farmers are advised not to allow the animals to graze nearby pond and water stagnated area to avoid parasitic infestation in dairy cows. Farmers may provide mineral mixture @ 30-50 g/animal to improve the milk fat content.
GOAT	Farmers are advised to mineral salt lick can provide to sheep and goat shed to improve growth rate in animals.
Fisheries(Varieties)	Fisheries Specific Advisory
INLAND	Due to low temperature in upcoming five days, the morning feed may be delayed for one hour or more. The fish/prawn feeds may be stored in better condition to avoid fungal infection due to forecasted humid weather. Due to lower

	temperature and other forecasted weather condition, Fish farmers are advised to perform the model fish sampling to evaluate the health status of fish/prawns in ponds.
COMMON FISH	During this season, dry fish preparing fisherflok are advised that 3 kg of fishes may be used for spreading in one square meter area for efficient drying. Farmers are advised check the pond water transparency and maintain up to 30-45 cm, if dark colour of the pond water is observed water may be exchanged @ 10% or Agri-lime 100-200 kg/ha may be applied.
ORNAMENTAL FISH	Ornamental fish farmers are advised to offer remove fecal matters are being settled at fish tanks for controlling ammonia level.

Villupuram

SMS Advisory: (11.02.2022-12.02.2022) Thunderstorm with Light to moderate rain is likely to occur at isolated places over Cuddalore district of 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 chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age). 6 Add 5%shell grit in laying hens for optimum egg production 7 The lush grass fodder may be conserved for silage preparation. 8 The Weather condition predispose to the livestock through fungal infection, Hence precaution must be taken. 9 The prevailing condition is conducive for sheep breeding. 10 Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun. Agricultural advisory: 1. Prevailing weather condition is favorable for bacterial leaf blight and bacterial leafstreak infection in rice crop. To control spray 20% fresh cow dung extract twice(starting from initial appearance of the disease and another at fortnightly interval) orcopper hydroxide 77 WP @ 1.25 kg/ha or streptomycin sulphate + tetracyclinecombination @ 300 g + copper oxychloride @ 1.25 kg/ha spray at appearance of disease. If necessary repeat 15 days later. 2. Due to prevailing weather condition plant brown hopper infestation is found in paddy crop. To manage them, spray imidacloprid 100ml/ha or fipronil 1000g/ha (or)pymetrozine 50 WG (300 g/ha).2. Due to prevailing weather condition blast infectionis found in paddy crop. To manage the blast, spray tricyclazole 75% WP 500 g/ha orcarbendazim 50WP @ 500g/ha (or) azoxystrobin 25 SC @500 ml/ha at morning orevening time.3. Due to prevailing weather condition false smut is found in paddy crop. To manage the false smut, spray copper oxychloride50 WG 2.5 g/l or copperhydroxide 77 WG 2.0 g/l or propiconazole 1.0 ml/l at panicle stage and 50 %flowering stage. 3. Due to prevailing weather condition there are chances of groundnut tikka leaf spot andrust infection. To control spray chlorothalonil 2.0 g/l or mancozeb 2.5 g/l. 4. To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) atflushing stage, second spraying with chlorpyriphos 2.0 ml/lit at flowering and thirdspraying with profenophos 1.0 ml/lit at fruit set stage.5 % SG 4.0g/10 liter.

Thiruvannamalai

SMS Advisory: Regular vaccination is done for poultry on all Saturday in veterinary dispensaries hence farmers are advised accordingly. 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 chicks must be given artificial heat (1 watt / chick or coal brooder for every 200 chicks for first 2 weeks of age). 6 Add 5%shell grit in laying hens for optimum egg production 7 The lush grass fodder may be conserved for silage preparation. 8 The Weather condition predispose to the livestock through fungal infection, Hence precaution must be taken. 9 The prevailing condition is conducive for sheep breeding. 10 Scabies affected rabbits must be isolated and treated. The cage must be disinfected with flame gun.

Agricultural advisory: 1. In the planting field to apply Beautachlor for weed control 2.5 litre +25 kg / sand per hectare on the third day 2. Apply 25 kg of ZnSO₄ with50 kg of dry sand just before transplanting 3. Zinc deficiency plants give a brown rusty appearance and lower leaves have chlorotic particularly towards the base. If deficiency symptom appears in the field, foliar spray of 0.5 % Znso₄+1.0% urea can be given at 15 days interval until the symptoms disappear 4. Present weather condition is favorable for marucca (Spotted pod Borer). Early instars of this pod borer will eat the flower buds. To control this spraying of chlorophyrifhos @ 2.5 ml/ litre. 5. Farmers may spray groundnut rich 2kg/acre in 200 liter of water in flowering stage 6. Apply gypsum @ 400 kg/ha by the side of the plants on 40th to 70th day depending upon soil moisture 7. Prevailing weather condition is favorable for thrips incidence in chilli. The symptom of damage is infected leaves develop crinckles and curl upwards. Hence farmers are requested to monitor the field and spray fipronil 1.5ml/litre. 8. To control stem borer in mango, grow tolerant mango varieties viz., Neelam, Humayudin 9. Apply carbofuran 3G 5 g per hole and plug with mud 10. To control Rugose Spiraling Whitefly in coconut, 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. 11. To control rhinoceros beetle in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown.

Vellore

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be receive below normal rainfall and normal temperature for the period of 13.02.2022 to 19.02.2022. Prevailing weather condition is favorable for sucking pest incidence for all crops. Farmers are advised to monitor their field and take necessary plant protection measures based on symptoms of damage. Dry weather may be expected on next five days. So farmers are request to irrigate the field based on soil moisture.

Crop(Varieties)	Crop Specific Advisory
RICE	In the planting field to apply Beautachlor for weed control 2.5 litre +25 kg / sand per hectare on the third day. Apply 25 kg of ZnSO ₄ with50 kg of dry sand just before transplanting. Zinc deficiency plants give a brown rusty appearance and lower leaves have chlorotic particularly towards the base. If deficiency symptom appears in the field, foliar spray of 0.5 % Znso ₄ +1.0% urea can be given at 15 days interval until the symptoms disappear.
PIGEON PEA (RED GRAM/ARHAR)	Present weather condition is favorable for marucca (Spotted pod Borer). Early instars of this pod borer will eat the flower buds. To control this, spray chlorophyrifhos @ 2.5 ml / litre.
GROUNDNUT	Farmers may spray groundnut rich 2kg/acre in 200 litre of water in flowering stage. Apply gypsum @ 400 kg/ha by the side of the plants on 40th to 70th day depending upon soil moisture.

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Prevailing weather condition is favorable for thrips incidence in chilli. The symptom of damage is infected leaves develop crinckles and curl upwards. Hence farmers are requested to monitor the field and spray fipronil 1.5ml/litre.
MANGO	To control stem borer in mango, grow tolerant mango varieties viz., Neelam, Humayudin. Apply carbofuran 3G 5 g per hole and plug with mud.
BANANA	To control panama wilt in banana, soil drenching with copper oxy chloride 2 g/litre.
COCONUT	To control Rugose Spiraling Whitefly in coconut, 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 in coconut, apply neem seed kernel powder + sand (1:2) @150 g per palm in the base of the 3 inner most leaves in the crown.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	For a cow giving 10 litre of milk per day provide the following daily 4.2 kg concentrate, 20.0 kg green fodder, 3.0 kg dry fodder, 30 gram mineral mixer and 50 ml calcium tonic.
GOAT	Give PPR Vaccination for sheep and goat above four months of age.
Poultry(Varieties)	Poultry Specific Advisory
COCK	Give RDVK Vaccination (S.C route) for native chicken to prevent Ranikhet disease.

Cuddalore

1. From extended range forecast below normal rainfall, normal maximum temperature and minimum temperature expected for the period of 13.02.2022 to 19.02.2022 over Tamil Nadu. 2. Farmers are advised to irrigate the crop based on the soil moisture. Very light rainfall expecting forthcoming days, so farmers advised to harvest the matured crop and store harvest crop in godowns or cover with tarpolin.

Crop(Varieties)	Crop Specific Advisory
RICE	1. Due to prevailing weather condition plant brown hopper infestation is found in paddy crop. To manage them, spray imidacloprid 100ml/ha or fipronil 1000g/ha or pymetrozine 50 WG (300 g/ha). 2. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.

GROUNDNUT	Due to prevailing weather condition there are chances of groundnut tobacco caterpillar infestation. To control spray methomyl 40 SP 750ml / ha to control the early instar (1st to 3rd instar) larvae.
CASHEW	To control tea mosquito bug first spraying with thiamethoxam 25% WG (100 g/ha) at flushing stage, second spraying with chlorpyriphos 2.0 ml/lit at flowering and third spraying with profenophos 1.0 ml/lit at fruit set stage.
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	In chilli crop Thrips infestation observed in many place, to control treat the seed with imidacloprid 70 WS 12 g/kg of seed or thiamethoxam 30 FS 12 ml/kg. • Spray following one insecticides to control thrips imidacloprid 17.8 SL @ 3.0 ml/10 lit or dimethoate 30 EC @ 10ml/ 10 lit or emamectin benzoate 5 % SG @ 4.0 g/10 lit or fipronil 5 % SC @ 15 ml/ 10 lit or spinosad 45 % SC @ 3.2 ml/ 10 lit or spinetoram 11.7 SC @ 10 ml/ 10 lit or thiacloprid 21.7 SC @ 6.0 ml/ 10lit or acetamiprid 20 SP @ 2.0 g/10 lit.
COCONUT	1. Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (Encarsia sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray Azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.
JACK FRUIT	Prevailing weather is favorable for rhizopus rot infection in jack. To control spray 1 % Bordeaux mixture or copper oxychloride @ 2.5 g/l three times at 15 days interval.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		<p>Dry weather and increase in temperature is expected in western zone districts for the next five days. Irrigation may be given to all crops based on soil moisture.</p> <p>By utilizing dry weather, harvested produce may be dried and stored properly.</p> <p>After the harvest of dry land crops, disc may be used to plough the land immediately so as to control weeds and also to make the soil friable to conserve summer monsoon rain.</p> <p>Avoid burning of harvested crop residues and incorporation of crop residues in the field during this drizzling will facilitate faster decomposition of residues.</p>
Rice		<p>Prevailing weather condition is favorable for the ear head bug incidence in paddy crop. Hence farmers are requested to monitor the crop carefully and if required spray Quinalphos @1.5 dust or Neem seed kernel extract @5%.</p>
Sugarcane	Land preparation	<p>Present weather leads to more evaporation. Therefore irrigation may be given to early planted sugarcane. Further mulching may be done to avoid more evaporation. In ratoon crop, shredder can be used to spread the sugarcane trash uniformly thereby evaporation can be minimized.</p>

		Since dry weather prevails early shoot borer incidence in sugarcane may be noticed. Hence farmers are requested go for frequent irrigation with mulching to keep the field in moist condition.
Cucurbits	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.
Papaya	Growing Stage	In order to overcome micronutrient deficiency in Papaya farmers are advised to spray 0.5% Zinc sulphate and 0.1% Boric acid at 4 th and 8 th months after planting.
Banana		<p>Prevailing weather conditions is favorable for Sigatoka leaf spot in banana especially where frequent irrigation in given. Therefore, dry the field and remove the affected leaves & burn it. Spray 3 times with Carbendazim @1g or Propiconazole @1g or Mancozeb@ 2.5g per lit of water with and teepol (sticking agent) at 10-15 days interval, as the disease start from initial appearance of leaf specks.</p> <p>Panama wilt disease seen in some of the banana plantations. Uproot and destroy severely affected plants. Apply lime @ 1 – 2 kg in the pits after removal of the affected plants. In the field, Panama wilt disease can be prevented by corm injection. A gelatin capsule containing 60 mg of Carbendazim or 3 ml of 2 % Carbendazim solution or 50 mg of <i>Pseudomonas fluorescens</i> is inserted / injected into the oblique hole made at 45° angle in the corm to a depth of 10 cm with the help of 'corm injector' on 2nd, 4th and 6th month after planting. Application of press mud @5 kg per tree reduces the wilt incidence.</p> <p>Since dry weather is expected, fertilizer may be applied with irrigation to banana at age of 5 months. If the crop is 7 or 8 months old, staking with bamboo sticks or nylon ropes may be done..</p>
Turmeric	Rhizome development	Turmeric crop is at rhizome development stage therefore maintain optimum soil moisture through irrigation to facilitate rhizome development.
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 Triazophos @ 2ml per liter of water
Coconut		Since temperature starts rising, the black headed caterpillar in coconut may be seen increasing. To control the above pest in initial stage, the braconid parasitoids may be released @ 2100 /ac. The parasitoids are now available in Coconut Research Station Aliyarnagar.
Mango		Prevailing weather condition is favorable for hopper incidence in mango. Hence farmers are requested to monitor the crop and if required spraying of 5% Neem seed kernel extract is advised.
Animal		<p>Prevailing temperature above 34°C may create heat related issues in animals. Hence it is advised to provide sufficient good quantity drinking water along with sufficient quality of green grass as a feed.</p> <p>In these period pox diseases may be expected in animals and poultry. Hence it is recommended to do vaccination against the above diseases.</p> <p>In order to maintain the heat related issues in poultry, it is advised to give sufficient water and feeding may be done during early morning and</p>

		evening hours.
--	--	----------------

SMS

In order to overcome micronutrient deficiency in Papaya, farmers are advised to spray 0.5% Zinc sulphate and 0.1% Boric acid at 4th and 8th months after sowing.

Erode

Agro Advisory

Crop	Stage	Advisory
General		<p>Dry weather and increase in temperature is expected in western zone districts for the next five days. Irrigation may be given to all crops based on soil moisture.</p> <p>By utilizing dry weather, harvested produce may be dried and stored properly.</p> <p>After the harvest of dry land crops, disc may be used to plough the land immediately so as to control weeds and also to make the soil friable to conserve summer monsoon rain.</p> <p>Avoid burning of harvested crop residues and incorporation of crop residues in the field during this drizzling will facilitate faster decomposition of residues.</p>
Rice		<p>Prevailing weather condition is favorable for the ear head bug incidence in paddy crop. Hence farmers are requested to monitor the crop carefully and if required spray Quinalphos @1.5 dust or Neem seed kernel extract @5%.</p>
Sugarcane	Land preparation	<p>Present weather leads to more evaporation. Therefore irrigation may be given to early planted sugarcane. Further mulching may be done to avoid more evaporation. In ratoon crop, shredder can be used to spread the sugarcane trash uniformly thereby evaporation can be minimized.</p> <p>Since dry weather prevails early shoot borer incidence in sugarcane may be noticed. Hence farmers are requested go for frequent irrigation with mulching to keep the field in moist condition.</p>
Cucurbits	Flowering	<p>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.</p>
Papaya	Growing Stage	<p>In order to overcome micronutrient deficiency in Papaya farmers are advised to spray 0.5% Zinc sulphate and 0.1% Boric acid at 4th and 8th months after planting.</p>
Gingelly	Sowing Stege	<p>Since water is released for the second season from the LBP farmers are requested to take necessary steps to prepare the land to take up sowing gingelly crop.</p>
Banana	CET	<p>Prevailing weather conditions is favorable for Sigatoka leaf spot in banana especially where frequent irrigation in given. Therefore, dry the field and remove the affected leaves & burn it. Spray 3 times with Carbendazim @1g or Propiconazole @1g or Mancozeb@ 2.5g per lit of water with and teepol (sticking agent) at 10-15 days interval, as the disease start from initial appearance of leaf specks.</p> <p>Panama wilt disease seen in some of the banana plantations. Uproot and</p>

		<p>destroy severely affected plants. Apply lime @ 1 – 2 kg in the pits after removal of the affected plants. In the field, Panama wilt disease can be prevented by corm injection. A gelatin capsule containing 60 mg of Carbendazim or 3 ml of 2 % Carbendazim solution or 50 mg of <i>Pseudomonas fluorescens</i> is inserted / injected into the oblique hole made at 45° angle in the corm to a depth of 10 cm with the help of ‘corm injector’ on 2nd, 4th and 6th month after planting. Application of press mud @5 kg per tree reduces the wilt incidence.</p> <p>Since dry weather is expected, fertilizer may be applied with irrigation to banana at age of 5 months. If the crop is 7 or 8 months old, staking with bamboo sticks or nylon ropes may be done..</p>
Turmeric	Rhizome development	Turmeric crop is at rhizome development stage therefore maintain optimum soil moisture through irrigation to facilitate rhizome development.
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 Triazophos @ 2ml per liter of water
Coconut		Since temperature starts rising, the black headed caterpillar in coconut may be seen increasing. To control the above pest in initial stage, the braconid parasitoids may be released @ 2100 /ac. The parasitoids are now available in Coconut Research Station Aliyarnagar.
Mango		Prevailing weather condition is favorable for hopper incidence in mango. Hence farmers are requested to monitor the crop and if required spraying of 5% Neem seed kernel extract is advised.
Animal		<p>Prevailing temperature above 34°C may create heat related issues in animals. Hence it is advised to provide sufficient good quantity drinking water along with sufficient quality of green grass as a feed.</p> <p>In these period pox diseases may be expected in animals and poultry. Hence it is recommended to do vaccination against the above diseases.</p> <p>In order to maintain the heat related issues in poultry, it is advised to give sufficient water and feeding may be done during early morning and evening hours.</p>

SMS advisory

In order to overcome micronutrient deficiency in Papaya, farmers are advised to spray 0.5% Zinc sulphate and 0.1% Boric acid at 4th and 8th months after sowing.

Tiruppur

Agro advisory

Crop	Stage	Advisory
General		<p>Dry weather and increase in temperature is expected in western zone districts for the next five days. Irrigation may be given to all crops based on soil moisture.</p> <p>By utilizing dry weather, harvested produce may be dried and stored properly.</p> <p>After the harvest of dry land crops, disc may be used to plough the land immediately so as to control weeds and also to make the soil friable to</p>

		<p>conserve summer monsoon rain.</p> <p>Avoid burning of harvested crop residues and incorporation of crop residues in the field during this drizzling will facilitate faster decomposition of residues.</p>
Rice		<p>Prevailing weather condition is favorable for the ear head bug incidence in paddy crop. Hence farmers are requested to monitor the crop carefully and if required spray Quinalphos @1.5 dust or Neem seed kernel extract @5%.</p>
Sugarcane	Land preparation	<p>Present weather leads to more evaporation. Therefore irrigation may be given to early planted sugarcane. Further mulching may be done to avoid more evaporation. In ratoon crop, shredder can be used to spread the sugarcane trash uniformly thereby evaporation can be minimized.</p> <p>Since dry weather prevails early shoot borer incidence in sugarcane may be noticed. Hence farmers are requested go for frequent irrigation with mulching to keep the field in moist condition.</p>
Papaya	Growing Stage	<p>In order to overcome micronutrient deficiency in Papaya farmers are advised to spray 0.5% Zinc sulphate and 0.1% Boric acid at 4th and 8th months after planting.</p>
Gingelly	Sowing Stage	<p>Since water is released for the second season from the LBP farmers are requested to take necessary steps to prepare the land to take up sowing gingelly crop.</p>
Banana		<p>Prevailing weather conditions is favorable for Sigatoka leaf spot in banana especially where frequent irrigation in given. Therefore, dry the field and remove the affected leaves & burn it. Spray 3 times with Carbendazim @1g or Propiconazole @1g or Mancozeb@ 2.5g per lit of water with and teepol (sticking agent) at 10-15 days interval, as the disease start from initial appearance of leaf specks.</p> <p>Panama wilt disease seen in some of the banana plantations. Uproot and destroy severely affected plants. Apply lime @ 1 – 2 kg in the pits after removal of the affected plants. In the field, Panama wilt disease can be prevented by corm injection. A gelatin capsule containing 60 mg of Carbendazim or 3 ml of 2 % Carbendazim solution or 50 mg of <i>Pseudomonas fluorescens</i> is inserted / injected into the oblique hole made at 45° angle in the corm to a depth of 10 cm with the help of 'corm injector' on 2nd, 4th and 6th month after planting. Application of press mud @5 kg per tree reduces the wilt incidence.</p> <p>Since dry weather is expected, fertilizer may be applied with irrigation to banana at age of 5 months. If the crop is 7 or 8 months old, staking with bamboo sticks or nylon ropes may be done..</p>
Tapioca		<p>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 Triazophos @ 2ml per liter of water</p>
Coconut		<p>Since temperature starts rising, the black headed caterpillar in coconut may be seen increasing. To control the above pest in initial stage, the braconid parasitoids may be released @ 2100 /ac. The parasitoids are now available in Coconut Research Station Aliyarnagar.</p>
Mango		<p>Prevailing weather condition is favorable for hopper incidence in mango.</p>

		Hence farmers are requested to monitor the crop and if required spraying of 5% Neem seed kernel extract is advised.
Animal		Prevailing temperature above 34°C may create heat related issues in animals. Hence it is advised to provide sufficient good quantity drinking water along with sufficient quality of green grass as a feed. In these period pox diseases may be expected in animals and poultry. Hence it is recommended to do vaccination against the above diseases. In order to maintain the heat related issues in poultry, it is advised to give sufficient water and feeding may be done during early morning and evening hours.

SMS advisory

In order to overcome micronutrient deficiency in Papaya, farmers are advised to spray 0.5% Zinc sulphate and 0.1% Boric acid at 4th and 8th months after sowing.

Nilgiris

Agro Advisory

Crop	Stage	Advisory
General		To control cut worms, fork the soil during summer months to expose the larvae and pupae for avian predators. Set up light trap between 7-10 pm to attract the adults.
Garlic		Due to very low and high temperatures prevailing in day and night times, tip drying disease is fast spreading in Garlic crop. To control, spray carbendazim fungicide @ 2 grams per litre of water.
Plantation crops		In summer to control coffee berry borer, avoid gleanings, destroy gleanings if any and carry out through harvest without leaving any berries in the plants.
		Due to humid conditions, to prevent wilt disease in Pepper plantation, apply 25 Trichoderma viridi and 25 g Pseudomonas fluorescens along with 500 g Neem cake per wine in the root zone and irrigate.
Livestock		To maintain milk yield in milch animals, keep the animals cool by sprinkling water on milch animals during daytime in summer season.

SMS advisory

To control cut worms, fork the soil during summer months to expose the larvae and pupae for avian predators. Set up light trap between 7-10 pm to attract the adults.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Thiruvarur

Agro Advisory

Crop	Stage	Advisory
Rice		By using the current dry weather condition, harvested paddy seeds may be dried to 13% moisture content to prevent pest damage in storage.
Blackgram		Treat the black gram seeds with carbendazim 2g/1kg before sowing, to prevent disease incidence.

Rice		The prevailing weather condition conducive for Leaf Folder and Stem borer (white ear) occurrence in thaladi paddy. To control this, apply cartop hydrochloride 4G @ 6kg with sand or chlorophyriphos 400 ml/ac.
Cattle	Cow	Due to drop in night temperature, the livestock particularly the young ones should not be left in open. A proper night shelter with sufficient heating equipments (lighting bulb) must be provided to prevent the incidence of pneumonia.

SMS advisory

By using the current dry weather condition, harvested paddy seeds may be dried to 13% moisture content to prevent pest damage in storage.

Dindigul

09.02.2022 to 13.02.2022: Mainly dry weather will occur in the district. Prevailing weather is favorable for spiralling whitefly in Coconut, to control fix yellow sticky traps @ 5 Nos./ acre. Place the traps at one feet above the crop height. Chances of drizzles on 13 Feb. Max temp-31°C- 33°C & Min temp-21°C - 22°C. Mainly clear sky for next 5 days. Wind speed 4 kmph from E & SE directions.

Crop(Varieties)	Crop Specific Advisory
RICE	Due to the prevailing weather condition the incidence of Green leafhopper in Paddy. It affects the leaves from tip to downwards and become yellowing in colour, retarded vigorous and stunted growth, drying up of plant due to sucking up of the leaf. It can be controlled by spraying the solution of Pungam Oil @ 60ml + Illuppai Oil @ 60ml + Neem Oil @ 60ml + Sticky agent @ 10ml (Khadi soap @ 10gms) with 10 litres of water and mix well and spray 2 times at 12 days interval. Also fix light traps in the field to attract & destroy the insects.
COTTON	In Cotton cultivation, this is the suitable time for Seed pelleting in cotton. Seeds coated with Arappu leaf powder 100g/kg along with DAP 40g/kg, micronutrient mixture 15g/kg and Azospirillum 200g/kg using 500ml Maida solution or gruel as adhesive (300 ml/kg) to increase the germination and vigour. Dibble the seeds at a depth of 3-5 cm on the side of the ridge.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Control of snail borne trematode infections in small ruminants and cattle • Snail borne trematode infections such as amphistomosis and fasciolosis 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 de-wormer. Animals should not be allowed for grazing near water bodies.

Madurai

09.02.2022 to 13.02.2022: Mainly dry weather will occur in the district. Prevailing weather is favorable for spiralling whitefly in Coconut, to control fix yellow sticky traps @ 5 Nos./ acre. Place the traps at one feet above the crop height. Chances of drizzles on 11 & 12 Feb. Max temp-34°C -35°C & Min temp-21°C - 23°C. Partly cloudy sky for next 5 days. Wind speed 4 kmph from E & SE directions.

Crop(Varieties)	Crop Specific Advisory
RICE	Due to the prevailing weather conditions the incidence of gall midge in Paddy. The symptoms appear on shoots, maggot feeds at the base of the growing shoot, causing formation of a tube like gall that is similar to “onion leaf” or “Silver-shoot”. To control this apply Fipronil 5SC @400g/acre or Thiamethoxam25WG 50g/acre. Light traps (one/ac) and pheromone traps @ 5/acre can be set up to monitor and control the insect pest activities.
SUGARCANE	Due to the prevailing weather condition the occurrence of Termites is found in Sugarcane. The characteristic symptoms appear on the leaves with semi-circular feeding marks on the margin. Poor germination of setts (after planting) causes yellowing and drying of outer leaves first, followed by the inner leaves. Entire shoot dries up and can be pulled out. To control, soil application of 30Kg of Neem cake per acre can be done and soil drenching of Imidacloprid @ 50gm per 10 litres of water.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Control of snail borne trematode infections in small ruminants and cattle • Snail borne trematode infections such as amphistomosis and fasciolosis 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 de-wormer. Animals should not be allowed for grazing near water bodies.

Pudukottai

Extended Range Forecast For Tamil Nadu 13 .02.2022 to 19.02.2022. During the Week from 13 th to 19 th February Rainfall Below Normal . Maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu. Irrigation should be given to Rice, Banana, Coconut, Pulses and other horticultural crops due to low rainfall.

Crop(Varieties)	Crop Specific Advisory
-----------------	------------------------

BLACK GRAM	Due to the prevailing weather condition the incidence of Yellow Mosaic is expected in Blackgram. The disease is more prevalent on black gram than green gram Initially mild scattered yellow spots appear on young leaves. The next trifoliolate leaves emerging from the growing apex show irregular yellow and green patches alternating with each other. Spots gradually increase in size and ultimately some leaves turn completely yellow. To control Spray methyl demeton 25 EC 500 ml/ha or dimethoate 30 EC 500 ml/ha or thiamethoxam 75 WS 1g /3 lit and repeat after 15 days, if necessary.
Crop(Varieties)	Crop Specific Advisory
GINGELLY	Present weather condition is favorable for White spot in Sesame. Symptom Disease appears as small, angular brown leaf spots of 3 mm diameter with gray centre and dark margin delimited by veins. In severity of the disease defoliation occurs. Under favourable conditions, the disease spreads to leaf petiole, stem and capsules producing linear dark coloured deep seated lesions. To control this, spray Spray Mancozeb 1000g/ha.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Due to the prevailing weather condition the incidence of Cercospora Leaf Spot is expected in Brinjal. To control Pant Samrat variety is resistant to both the leaf spots. Diseases can be managed by growing resistant varieties. Spraying Copper oxychloride or 2.5 g Zineb per litre of water effectively controls leaf spots.
COCONUT	Inter cropping Inter/mixed crops may be selected based on the climatic requirement of the inter/mixed crop, irrigation facilities and soil type. The canopy size, age and spacing of the coconut are also to be considered. Market suitability should be taken into consideration before selecting an intercrop.
MANGO	During February 0.5% Urea (5 g/lit.) or 1% Potassium Nitrate (10g/lit.) may be sprayed to induce flowering, if trees do not flower by that time.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	The ewes does which are ready for mating must be supplemented with leguminous fodder and energy rich fodder along with minerals mixture and vitamins before mating where is called flushing.
COW	Prevailing temperature may create heat related issues in animals. Hence it is advised to provide sufficient good quality drinking water along with sufficient quality of green grass as a feed. In these period pox diseases may be expected in animals and poultry. Hence it is recommended to do vaccination against the above diseases.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Since the day temperature is expected to be increased,provide enough clean water at frequent intervals to both animals and poultry.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory

GENERAL ADVICE	It is expected to rise in temperature in the forthcoming days, to the soil moisture content may be reduced, Hence farmers are advised to take up mulching around the root design of the crop with dried leaves, grass and other farm wastes to retain the soil moisture content.
----------------	--

Ramanathapuram

Due to prevailing weather condition favourable for ranikhet disease in poultry. The main symptoms are twisting of neck and paralysis of wings and legs, Diarrhoea, Drop in egg production and sudden death. To prevent ranikhet diseases in poultry contact the local veterinarian for vaccination. From extended range forecast, Below normal rainfall, Normal maximum temperature and minimum temperature expected for the period of February 9 to February 15 over Tamil Nadu.

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	Due to the prevailing weather condition incidence of aphids expected in groundnut. The damage symptoms are wilting of tender shoots during hot weather. Stunting and distortion of the foliage and stems. Aphids excrete honeydew on which sooty molds flow forming a black coating and act as vector for peanut stripe virus and groundnut rosette virus complex. If symptoms are observed in field, spray Imidacloprid 17.8% SL 100 ml/ha
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Due to the prevailing weather condition incidence of Thrips expected in Chilli. The damage symptoms are infested leaves develop crinkles and curl upwards, Buds become brittle and drop down. Early stage, infestation leads to stunted growth and flower production, fruit set are arrested. If symptoms are observed in field spray any one of the following chemicals. Imidacloprid 17.8SL 60ml/ac or Spinetoram 11.7 SC 200ml/ac or Acetamiprid 20 SP 20g/ac
COCONUT	Due to the prevailing weather condition incidence of rogose whitefly is expected in coconut. High temperature, prolonged dry spell and low relative humidity is favourable for rugose whitefly multiplication. The damage symptoms are presence of heavy white waxy material and sticky honeydew on the under surface of leaves. Black sooty mold formation on the coconut leaves. If symptoms are observed in coconut tree Spray a jet of water forcibly on the under surface of the palm. Setting up of yellow sticky traps smeared with castor oil to a height of 5.5' @ 10/acre. Spraying with boiled maida flour paste @25g/liter of water. Sparaying of 5 ml of neem oil in one liter of water along with 1 ml of sandovit.

Sivagangai

09.02.2022 to 13.02.2022: Mainly dry weather will occur in the district. Prevailing weather is favorable for spiralling whitefly in Coconut, to control fix yellow sticky traps @ 5 Nos./ acre. Place the traps at one feet above the crop height. For the next five days, Max temp-33°C- 35°C & Min temp-23°C - 25°C. Mainly clear sky for next 5 days. Wind speed 11-14 kmph from SE & NE directions.

Horticulture(Varieties)	Horticulture Specific Advisory
-------------------------	--------------------------------

GUAVA	Due to the prevailing weather condition the incense 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.
Drumstick	Due to the prevailing weather condition the incense of Leaf caterpillar seen in Drumstick (Moringa). Leaf caterpillar larva feeds on the leaflets reducing them into papery structures. To control this, plough around trees to expose and kill pupae. Collect and destroy damaged buds along with caterpillar. Set up light trap @ 1No./ha. And spray Profenofos @ 25ml per tank or Neem Oil @ 5ml per litre of water (First, mix the neem oil with 5gms of khadhi Soap, stir well and then add the water).
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Control of snail borne trematode infections in small ruminants and cattle • Snail borne trematode infections such as amphistomosis and fasciolosis 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 de-wormer. Animals should not be allowed for grazing near water bodies.

Theni

09.02.2022 to 13.02.2022: Mainly dry weather will occur in the district. Prevailing weather is favorable for spiralling whitefly in Coconut, to control fix yellow sticky traps @ 5 Nos./ acre. Place the traps at one feet above the crop height. Chances of drizzles during 11, 12 & 13 Feb. Max temp-32°C-33°C & Min temp-20°C- 21°C. Partly cloudy sky for next 5 days. Wind speed 4 kmph from NE & SE directions.

Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	Due to the prevailing weather condition, the incense of Tobacco cutworm in Chilly. The Newly hatched larvae scrap the green matter in the leaf, affected leaf looks like a papery white structure. In severe infestations they feed voraciously on the entire lamina and petiole. To control plough the soil to expose and kill pupae, cultivate the castor as a trap crop. Set up pheromone trap @15Nos/ha. Spray Thiodicarb75%WP @2g/lit or Novaluron10%EC @7½ ml/10 litre water.
COCONUT	Due to the prevailing weather condition the incidence of Black headed Caterpillar is expected in Coconut crop. Coconut trees of all ages are attacked by this pest. Dried up patches on leaflets of the lower leaves, only three or four youngest leaves at the center of the crown remain green. Galleries of silk. In case of severe infestation, the whole plantations present a scorched

	appearance. To control, root feeding of Fipronil @ 25ml with 75ml of water per tree is recommended.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Control of snail borne trematode infections in small ruminants and cattle • Snail borne trematode infections such as amphistomosis and fasciolosis 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 de-wormer. Animals should not be allowed for grazing near water bodies.

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
	There are possibilities of rainfall on 12.02.22 and 13.02.22. Maximum temperature will range from 33 - 34°C and minimum temperature will range from 23 - 24°C. Cloudy condition may prevail. The relative humidity will be 65 to 80%. Wind speed may be 10 km / hr in East direction.		
1.	Rice	Maturity stages	Spray malathion 50 EC 500 ml/ha to control the earhead bug in rice.
2.	Banana	Bunch Maturity stage	Use transparent polythene sleeves (4%) to cover the bunches to increase the quality.
3.	Flowers	All stages	Irrigation should be given to all flower crops.
4.	Clove	Maturity Stages.	There is no rainfall for the forthcoming days so irrigate the plants regularly.
5.	Coconut	Juvenile period, pre-bearing and bearing stage.	If the attack of mite is noticed, root feeding may be done with Azadiractin 50% formulation 7.5 ml in 7.5 ml water.
6.	Agri. and Horticultural crops	All stages	Irrigation should be given to all agricultural and horticultural crops due dry weather condition.

SMS Advisory

Spray 0.25% copper oxy chloride to control the leaf spot in cinnamon.

Salem

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
Pulses	Sowing	If pulses are cultivated after paddy harvest, use the following varieties. If Black gram use VBN 8, 9 & 10. If Green gram use CO 8.
Sugarcane	Vegetative	Detrash the crop on 150th and 210th day of planting. Detrashing dislodge the pupae that remain in the leaf sheath. Install pheromone traps @ 10Nos. /ha for surveillance and monitoring, change the septa/lure once in 45 days. Release egg parasitoid, Trichogramma chilonis at the rate of @ 2.5 cc / release / ha. Six release at fortnightly intervals starting from 4th month onwards.
Sorghum	Vegetative	Shoot flies are damaging the sorghum crop mostly it affects the yield. The maggot bores inside the stem and cuts the growing point. Central shoots dried and produce "dead heart" symptom. The infested plant produces side tillers. Take up early sowing of sorghum immediately after the receipt of South West or North East Monsoon to minimise the shoot fly incidence. To control Shoot flies in sorghum, Apply Quinalphos 25EC 1500 ml /ha. Plough soon after harvest, remove and destroy the stubbles
Cotton	Vegetative	Due to prevailing weather the leaf blight incidence may occur in cotton. To control leaf blight in cotton, Spray mancozeb 2 kg/ha immediately after the symptom appearance and 2-3 times once in 15 days.
Banana	Vegetative	Due to prevailing weather condition favourable for leaf spot infection in banana crop. To control spray carbendazim 1g/l or propiconazole 1ml/l or mancozeb 2.5 g/l with sticking agent @ 1 ml / lit at 10-15 days interval.
Jasmine	Vegetative	Due to prevailing weather alternaria leaf spot incidence may occur in jasmine. To control, spray foliar application of mancozeb @ 2.5 g/l at monthly interval.
Poultry	Desi birds	While rearing desi chicken in deep litter system of housing , care should be taken to should be avoid excess moisture content in litter material (groundnut husk, paddy husk) if excess moisture is Observed in litter material, lime powder absorbs the excess moisture and also it acts as disinfectant and reduces the microbial load inside the shed.
		Feeding of azolla in desi chicken will improve the body weight and also the hatchability.
Livestock	Sheep	Sheep should be vaccinated against sheep pox in the

		month of January to prevent occurrence of the disease. In the months forth coming.
--	--	--

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	Prevailing weather may cause high thirst for water in animals. Provide adequate drinking water to the animals to prevent from water thirst. Considering the temperature rise, milch animals need mineral mixture and hence 50 grams of TANUVAS mineral mixture per animal per day may be mixed along with animal feed. Since temperature is rising provide enough drinking water.
Livestock	Sheep and Goat	Orf / Contagious ecthyma Viral disease caused by parapox virus in sheep and goat It can be transmitted to human Lesions around the lips, muzzle and mouth Symptoms: Off feed, fever, salivation Ethno Veterinary Medicine – External application Neem leaf – 1 handful Turmeric – 10gram / 1 spoon Castor beans – 5 nos. Grind the ingredients and apply on the affected part twice daily after cleaning with lukewarm water containing turmeric. Clean the shed and spray with juice of neem leaf and turmeric once daily for one week.
Poultry	General	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.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Coconut	General	Coconut rugose spiraling whitefly incidence was noticed in all over Namakkal district. It can be managed by spraying Neem oil – 5 ml + 1.5 ml sticking agent by using power gun sprayer, yellow sticky trap 3 ft X 1.5ft @ 10 numbers / acre, sooty mold can be controlled by spraying starch solution and allowing chrysoperla insect feeder @ 400 numbers and Encarsia parasitoid @ 100 / acre to control it, avoid using chemical pesticides.
Sugarcane	Vegetative stage	To alleviate the micronutrient deficiency as well as to improve the yield of ratoon sugarcane, foliar spraying with sugarcane booster @ 1 kg / acre 45 days after planting, @1.5 kg / acre 60 days after planting and @ 2 kg / acre 75 days after planting in 200 liters of water along with sticking agent.

Tapioca	Planting stage	Farmers are requested to apply 5 – 8 kg of Arka microbial consortia along with 500 kg well decomposed farm yard manure as basal dose per acre.
---------	----------------	--

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Dharmapuri :		
Vegetable Crops	Flowering stage,	In vegetable crop at flowering stage, spraying of arka vegetable special @ 3 gram/ litre can be recommended.
Paddy	Vegetative	Prevailing weather condition is favourable for rice blast disease in rice, spraying of Tricyclozole 75 WP @ 500 g / ha is recommended.
		To control tungro virus in rice, spraying of imidacloprid 17.8%SL 100 ml/ha(or) thiamethoxam 25%WG 100 g/ha is recommended.
Onion	Vegetative	In onion of thrips problem, spraying of Dimethoate30EC@1.3 ml/lit is advised.
Livestock	General	Management of week kids provide leguminous fodder (agathi and valimasal) along with concentrated feed 1% of the body weight.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Livestock	General	Prevailing weather may cause high thirst for water in animals. Provide adequate drinking water to the animals to prevent from water thirst. Considering the temperature rise, milch animals need mineral mixture and hence 50 grams of TANUVAS mineral mixture per animal per day may be mixed along with animal feed. Since temperature is rising provide enough drinking water.
Livestock	Sheep and Goat	Orf / Contagious ecthyma Viral disease caused by parapox virus in sheep and goat It can be transmitted to human Lesions around the lips, muzzle and mouth Symptoms: Off feed, fever, salivation Ethno Veterinary Medicine Neem leaf – 1 handful Turmeric – 10gram / 1 spoon Castor beans – 5 nos.

		Grind the ingredients and apply on the affected part twice daily after cleaning with lukewarm water containing turmeric. Clean the shed and spray with juice of neem leaf and turmeric once daily for one week.
Poultry	General	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.
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Coconut	General	Coconut rugose spiraling whitefly incidence was noticed in all over Namakkal district. It can be managed by spraying Neem oil – 5 ml + 1.5 ml sticking agent by using power gun sprayer, yellow sticky trap 3 ft X 1.5ft @ 10 numbers / acre, sooty mold can be controlled by spraying starch solution and allowing chrysoperla insect feeder @ 400 numbers and Encarsia parasitoid @ 100 / acre to control it, avoid using chemical pesticides.
Sugarcane	Vegetative stage	To alleviate the micronutrient deficiency as well as to improve the yield of ratoon sugarcane, foliar spraying with sugarcane booster @ 1 kg / acre 45 days after planting, @1.5 kg / acre 60 days after planting and @ 2 kg / acre 75 days after planting in 200 liters of water along with sticking agent.

Karaikal

Weather based Agro-Advisories.






Crop/livestock	Stage/Particulars	Agro Advisory
Black 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	Reproductive stage	To manage rice brown plant hopper spray azadirachtin 0.03 % (300 ppm) @ 4 ml/l or thiamethoxam 25 WG @ 0.2 g/l or pymetrozine 50% WG @ 0.6 g/l.
	Tillering stage	To manage rice stem borer, release parasitoid Trichogramma japonicum @1,00,000/ha at active tillering stage (37, 44 and 51 DAP) or Azadirachtin 0.03% @ 4 ml/l or cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.

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

Puducherry

Weather based Agro-Advisories.

Crop/livestock	Stage/Particulars	Agro Advisory

	<p>Bacterial leaf blight</p> 	<p>To manage Bacterial leaf blight in paddy, spray fresh cow-dung extract 20% twice (starting from initial appearance of the disease and another at fortnightly interval) or spray Copper hydroxide 77 WP @ 2.5 g/l.</p>
Rice	<p>Blast</p> 	<p>The weather conditions viz., temperature and humidity prevailed in the last few weeks may be favorable for the outbreak of blast, brown spot, false smut and grain discoloration in paddy. Hence, as a prophylactic measure to manage diseases in rice; foliar application of Pseudomonas fluorescence or Bacillus subtilis @ 0.5% (5 g /ml per litre) may be done commencing from 45 DAT with 10 days interval for 3 times.</p> <p>The crop in booting stage may be given with any one of the following fungicide viz., Picoxystrobin 7.05 % + Propiconazole 11.7% SC @ 2ml/l or Tricyclazole 20.4 % + Azoxystrobin 6.8 SC % @ 2ml/ l (or) Carbendazim 12 % + Mancozeb 63 % WP @ 2g/ l or Azoxystrobin 18.2 % + Difenconazole 11.4 % SC @ 1ml/ l and again at 50% flowering stage.</p>
	<p>Brown spot</p> 	
	<p>False smut</p> 	
	<p>Grain discoloration</p> 	

SMS: Dry weather is likely to prevail during next five days. Hence, farmers are advised to apply need based irrigation to the crops.

BLOCK LEVEL FORECAST

NILGIRIS DISTRICT

Coonoor, Gudalur, Kotagiri and Ooty Blocks

Agro Advisory

Crop	Stage	Advisory
General		To control cut worms, fork the soil during summer months to expose the larvae and pupae for avian predators. Set up light trap between 7-10 pm to attract the adults.
Garlic		Due to very low and high temperatures prevailing in day and night times, tip drying disease is fast spreading in Garlic crop. To control, spray carbendazim fungicide @ 2 grams per litre of water.
Plantation crops		In summer to control coffee berry borer, avoid gleanings, destroy gleanings if any and carry out through harvest without leaving any berries in the plants. Due to humid conditions, to prevent wilt disease in Pepper plantation, apply 25 Trichoderma viridi and 25 g Pseudomonas fluorescens along with 500 g Neem cake per wine in the root zone and irrigate.
Livestock		To maintain milk yield in milch animals, keep the animals cool by sprinkling water on milch animals during daytime in summer season.

SMS advisory

To control cut worms, fork the soil during summer months to expose the larvae and pupae for avian predators. Set up light trap between 7-10 pm to attract the adults.

