



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 035/2022

For the period 0830 IST, 02nd May 2022 to
0830 IST, 07th May 2022

Issued on Monday, 02nd May 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 Thoothukudi	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 29.04.22 to 01.05.22 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range **33°C – 42°C** prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range **20°C – 26°C** during the period.

Minimum temperature of range **24°C - 29°C** prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range **12°C - 14°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)	29.04.22, 30.04.22 & 01.05.22	Tamil Nadu
Dry	29.04.22, 30.04.22 & 01.05.22	Puducherry

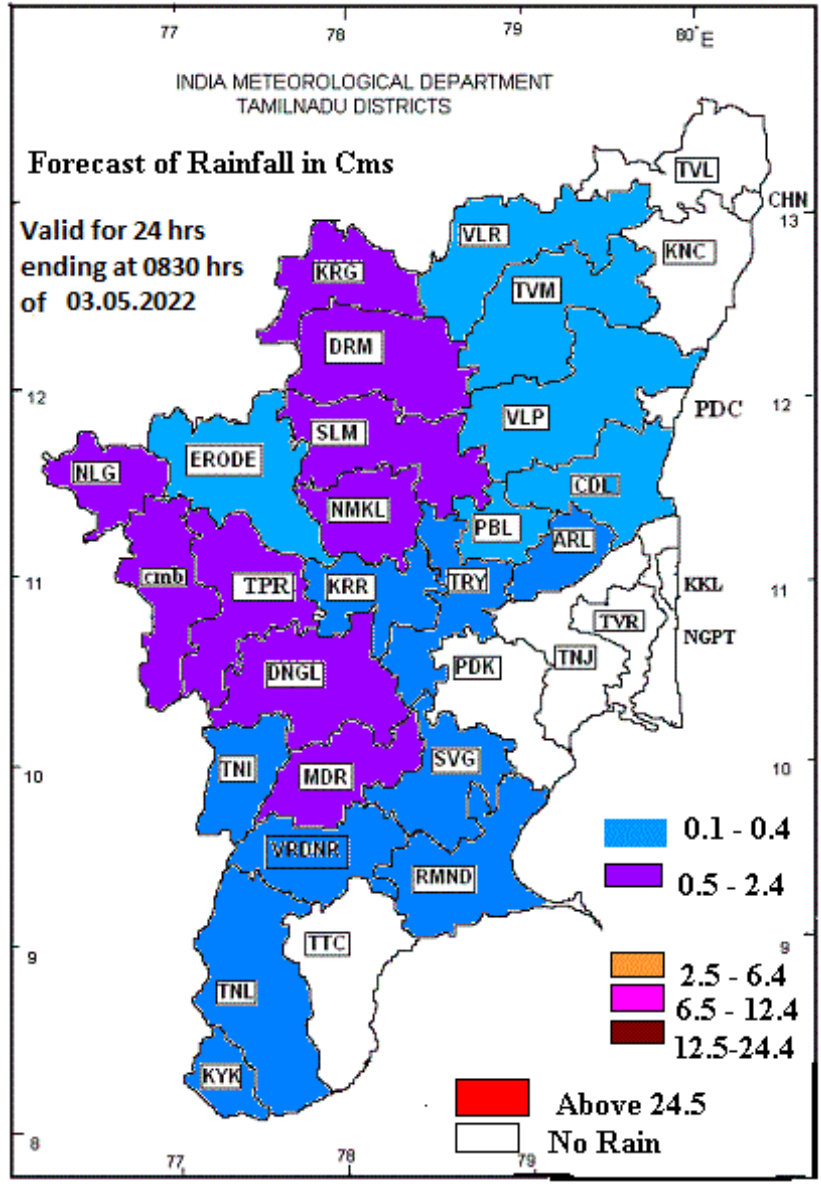
Chief Amounts of Rainfall (in cms):-

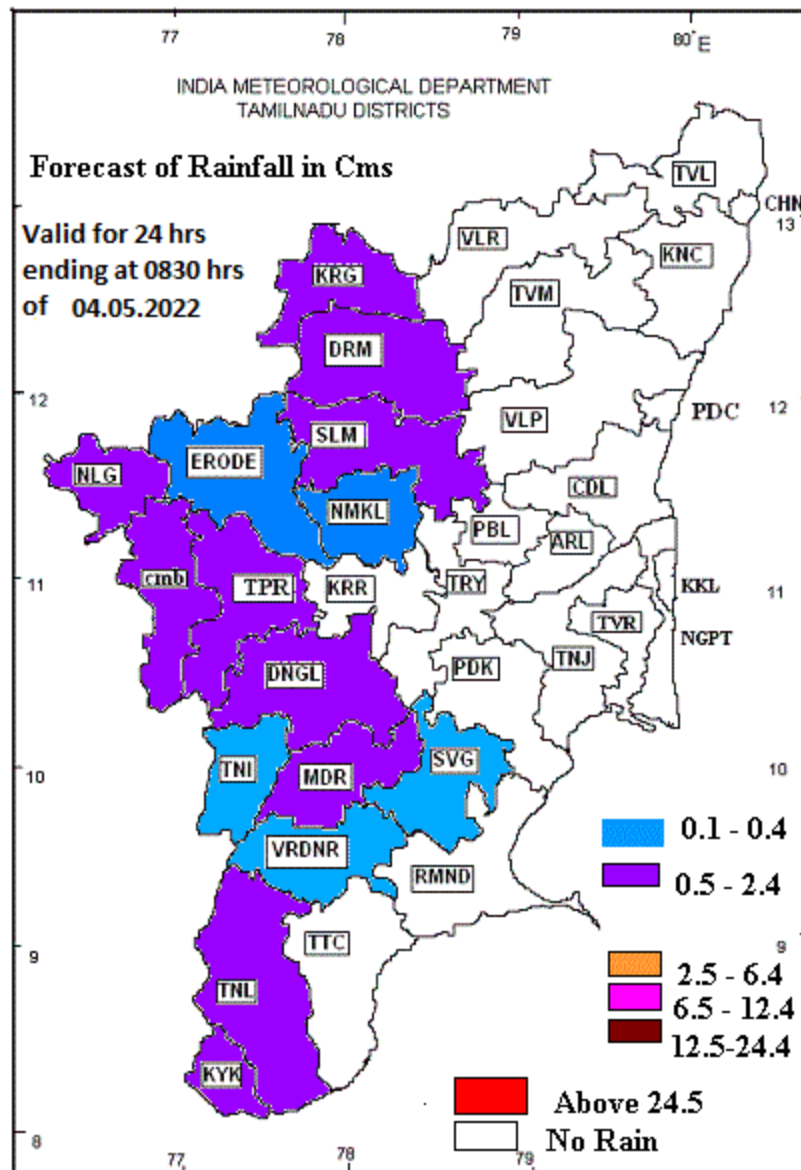
29.04.22 : Thuckalay (dist Kanyakumari), Eraniel (dist Kanyakumari) 3 Each, Periyar (dist Theni) 2, Pechiparai (dist Kanyakumari) 1.

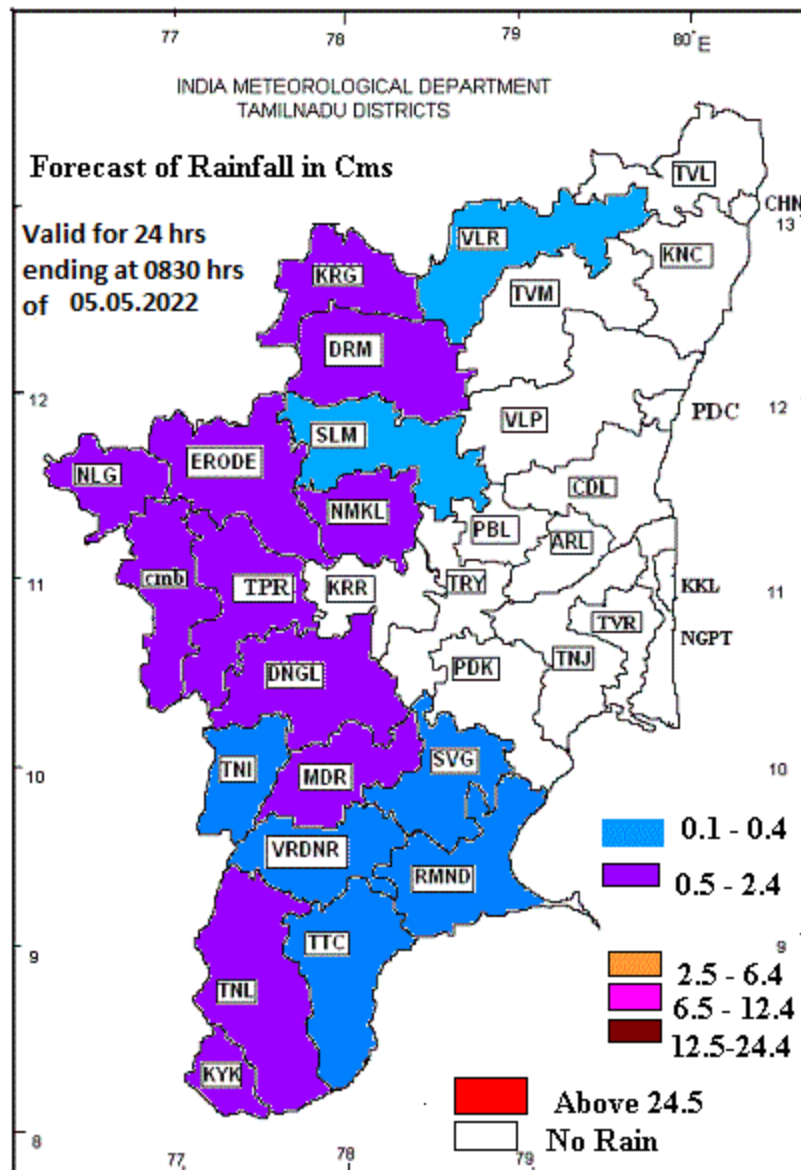
30.04.22 : Thuckalay (dist Kanyakumari) 4, Bhoothapandy (dist Kanyakumari) 3, Eraniel (dist Kanyakumari), Suralacode (dist Kanyakumari), Pechiparai (dist Kanyakumari), Kangeyam (dist Tiruppur), Pandalur Taluk Office (dist Nilgiris) 2 Each, Chittar (dist Kanyakumari), Puthan Dam (dist Kanyakumari) Pollachi (dist Coimbatore), Uthagamandalam (dist Nilgiris), Perunchani Dam (dist Kanyakumari), Devala (dist Nilgiris), Kunda Bridge (dist Nilgiris), Tiruchengode (dist Namakkal) 1 Each.

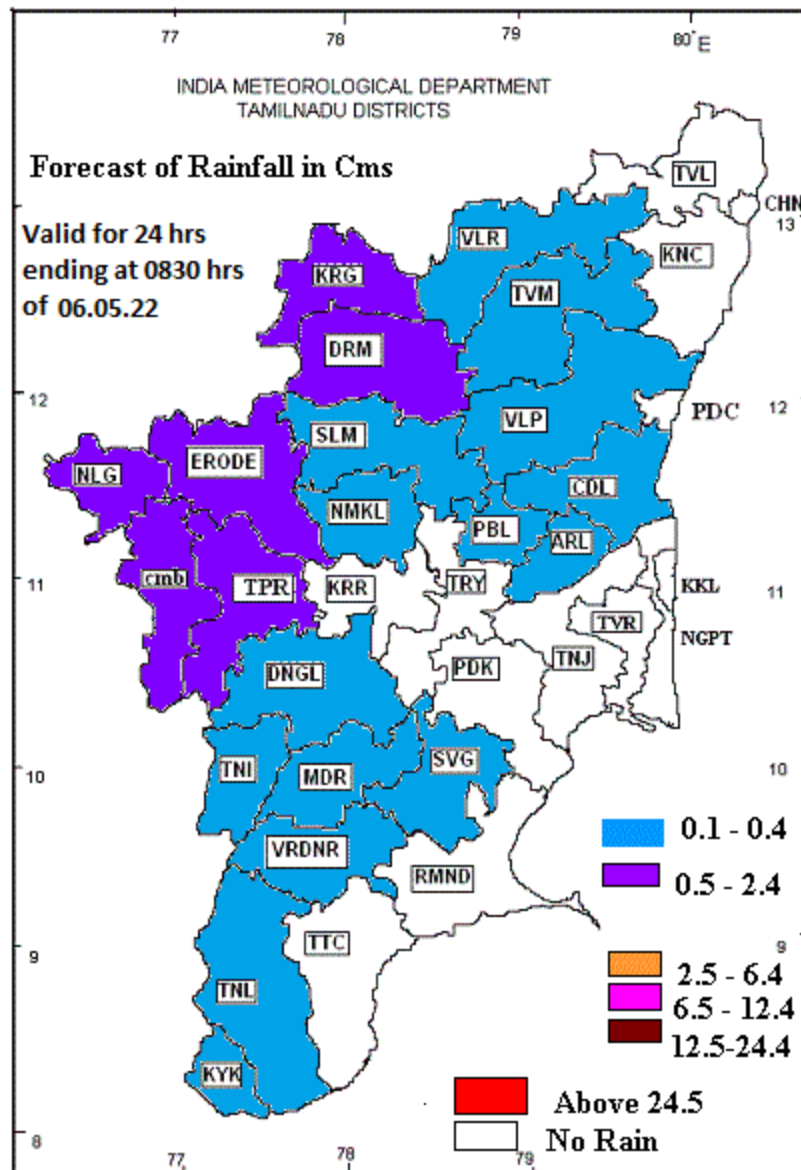
01.05.22 : Denkanikottai (dist Krishnagiri) 3, G Bazar (dist Nilgiris) 2, Glenmorgan (dist Nilgiris) 1, Devala (dist Nilgiris) 1, Thali (dist Krishnagiri) 1.

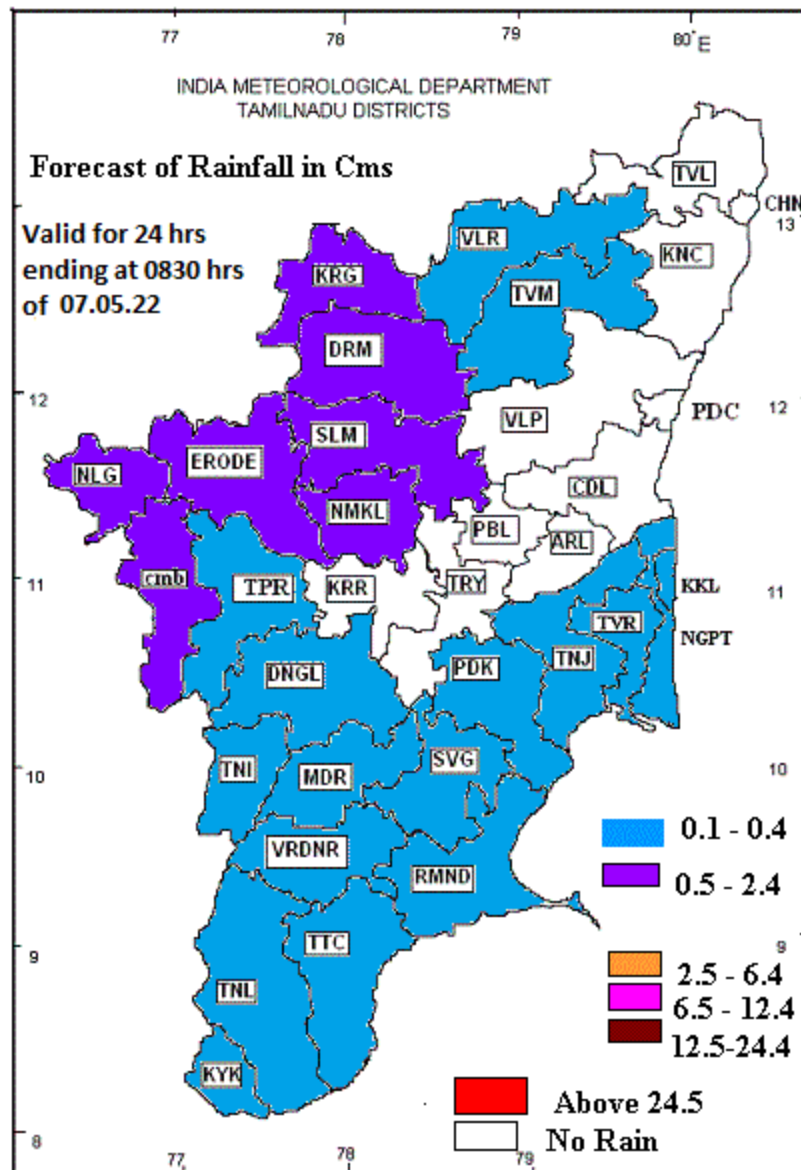
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 02.05.22
VALID FOR THE NEXT 5 DAYS**











Districtwise Agromet Advisories

Chennai

SMS Advisory: The following next three days would experiences maximum temperature above normal by 2-3°C in some places of tamil nadu Livestock Advisory 1. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress. 2. Abrupt or sudden changes in feed are feeding schedule summer season. Moreover the feed must comprise more of succulent green fodder to reduce heat stress. 3. During summer season due to heat load there might be a temporary loss of appetite in dairy cattle. To prevent the decline of milk production due to lower feed intake the animals may be provided with succulent high moisture (70-80%) containing green fodder. 4. Provision of high protein concentrate feed to dairy cattle during noon hours in summer season adds to the heat load of heat generated during digestion. To prevent this dairy cattle must be provided with protein rich concentrate feed during night hours so that there will be less heat load and at the same time the animals will get the required amount of protein. 5. When the air temperature is above 35 degrees Celsius the dairy cattle tend to drink more water thereby decreasing the Dry Matter Intake (DMI). Hence to overcome this succulent protein rich green fodder mixed with green fodder may be provided to livestock. 6. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing swill feed should be fed during late evening hours. 7. Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed. 8. Provision of cool wholesome drinking water to poultry during summer is essential.

Kancheepuram

From the extended range forecast of IMD, normal rainfall, maximum temperature and minimum temperature expected for the period of 04.05.2022 to 10.05.2022 over Tamil Nadu and Pondicherry region. On 03.05.2022 and 04.05.2022, Maximum temperatures are likely to be above normal by 2-3 °C at isolated pockets over Tamil Nadu. Farmers are advised to provide B-Complex liquid and lime juice supplementation through drinking water to poultry birds to combat heat stress.

Crop(Varieties)	Crop Specific Advisory
GROUNDNUT	There are possibilities of dry root rot infestation in groundnut. For management Spot drenching with Carbendazim 1g/lit or apply Trichoderma viride 2.5kg/ha with 50 kg of FYM.
GROUNDNUT	There are possibilities of late leaf spot disease infestation in Ground nut crop. For management farmers are advised to Spray Carbendazim 100gram or Mancozeb 200 gram per acre in 200 liter of spray solution.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	There are possibilities of red spider mite in Brinjal crop. For management farmers are advised to spray wetttable sulphur 50 WP 2g/lit or dicofol 18.5 EC 2.5 ml/lit.

BRINJAL	There are possibilities of brown leaf hopper transmitted little leaf disease infestation in Brinjal. For management farmers may spray dimethoate @ 0.3%.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Farmers are advised not to allow animals for grazing during hot part of the day. Farmers are advised allow the animal for grazing in early and late part of the day. Farmers are advised to provide mineral mixture and mineral block to dairy animals and calves.
GOAT	For balanced nutrition farmers are advised to provide tree leaves to goats during summer season. To maintain the body weight during summer, farmers are advised to provided 100- 150 gram/ goat of concentrate feed daily.
Fisheries(Varieties)	Fisheries Specific Advisory
INLAND	Farmers may follow the fish pond feeding at 7.00-8.00 AM in morning and 5.00-6.00 PM in evening.
COMMON FISH	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.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Farmers are advised to provide clean and potable drinking water to birds i.e. 3-4 times watering to birds during summer. Provide B-Complex liquid and lime juice supplementation through drinking water to poultry birds to combat heat stress. Farmers are advised to reduce the number of birds in a unit area of poultry shed to overcome the heat stress.

Villupuram

SMS Advisory: The following next three days would experiences maximum temperature above normal by 2-3 °C in some places of tamil nadu Livestock Advisory: 1. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would reduce the heat stress. 2. Abrupt or sudden changes in feed or feeding schedule in dairy cattle must be avoided during summer season. Moreover the feed must comprise more of succulent green fodder to reduce heat stress. 3. During summer season due to heat load there might be a temporary loss of appetite in dairy cattle. To prevent the decline of milk production due to lower feed intake the animals may be provided with succulent high moisture (70-80%) containing green fodder. 4. Provision of high protein concentrate feed to dairy cattle during noon hours in summer season adds to the heat load of heat generated during digestion. To prevent this dairy cattle must be provided with protein rich concentrate feed during night hours so that there will be less heat load and at the same time the animals will get the required amount of protein. 5. When the air temperature is above 35 degrees Celsius the dairy cattle tend to drink more water thereby decreasing the Dry Matter Intake (DMI). Hence to overcome this succulent protein rich green fodder mixed with green fodder may be provided to livestock. 6. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer

season. Hence to prevent this fat containing swill feed should be fed during late evening hours. 7. Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed. 8. Provision of cool wholesome drinking water to poultry during summer is essential. Agricultural advisory Rice: Alage in paddy field reduces the growth of crops. To control apply, 2 kg of coppersulphate mix with sand.2. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours. Sugarcane: Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l). coconut: Installation of yellow sticky traps (25 Nos./ ha) on the palm trunk to trap the adult whiteflies.2. Encourage buildup of parasitoids (Encarsia sp.) and reintroduce parasitized pupae at emerging zones of whitefly outbreak.3. In severe case, spray neem oil 20 ml/l of water or spray Azadirachtin 2.0 ml/l of water with 1.0 ml of sticking agent.

Tiruvannamalai

SMS Advisory: The following next three days would experience maximum temperature above normal by 2-3 °C in some places of Tamil Nadu. Livestock Advisory: 1. Increasing the frequency of feeding from three to crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress. 2. Abrupt or sudden changes in feed or feeding schedule in dairy cattle must be avoided during summer season. Moreover the feed must comprise more of succulent green fodder to reduce heat stress. 3. During summer season due to heat load there might be a temporary loss of appetite in dairy cattle. To prevent the decline of milk production due to lower feed intake the animals may be provided with succulent high moisture (70-80%) containing green fodder. 4. Provision of high protein concentrate feed to dairy cattle during noon hours in summer season adds to the heat load of heat generated during digestion. To prevent this dairy cattle must be provided with protein rich concentrate feed during night hours so that there will be less heat load and at the same time the animals will get the required amount of protein. 5. When the air temperature is above 35 degrees Celsius the dairy cattle tend to drink more water thereby decreasing the Dry Matter Intake (DMI). Hence to overcome this succulent protein rich green fodder mixed with green fodder may be provided to livestock. 6. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing swill feed should be fed during late evening hours. 7. Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed. 8. Provision of cool wholesome drinking water to poultry during summer is essential. Agricultural advisory Rice: Rice ear head bug in rice symptom of sucking the sap from individual grains, which are in milky stage. Individual grains become chaffy. To control ear head bug in rice, spray thiamethoxam 1gm/ litre of water and Notchi leaf extract 10 %. 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. 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 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 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 Papaya To control aphids in papaya, spray Imidachloprid @ 0.5 ml / litre.

Tiruvallur

From extended range forecast Normal rainfall and Normal maximum temperature & minimum temperature expected for the period of 04.05.2022 to 10.05.2022 over Tamil Nadu. Based on soil moisture provide irrigation to the crop.

Crop(Varieties)	Crop Specific Advisory
RICE	Sornavari season-Nursery Stage- Thrips- Spray Thiamethoxam 25% WG 4g/20 cent in 8-10litre of water.
SUGARCANE	Sugarcane-Early shoot borer- Spray Thiamethoxam 75% w/w SG @ 64 g (or) Spray Chlorantraniliprole 18.5 % SC @ 150 ml per acre in 200 litre of water.
CHILLI	Chilli- Thrips -Spray imidacloprid 17.8% SL 3 ml/10 litre of water (OR) Spray fipronil 5% SC 1.5 ml/liter of water.
Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Brinjal- 1.Fruit borer - Neem seed kernel extract (NSKE) 5 % (Or) Spray Azadirachtin 1.0% EC (10000 ppm) 3.0 ml/lit of chemical starting from one month after planting at 15 days interval; 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.
BITTER GOURD	Bitter Guard- Fruit fly- Mix methyl eugenol + malathion 50 EC at 1:1 ratio and keep 10 ml of the bait in Polythene bags @ 10 / acre;
COCONUT	Rugose Spiralling Whitefly- 1.Release of Encarsia guadeloupae @ 100 parasitoids /ac (10 leafbits/ac); 2. Installation of yellow sticky traps (5 ft. x 1.5 ft.) smeared with castor oil @ 5/ ac; 3.Release of Chrysoperla zastrowi sillemi eggs @ 500/ac in young palm.
MANGO	Mango- 1. Flower webber- Spray phosalone 35 EC 2ml/l; 2.Anthracnose -Spray copper oxychloride 50% WG @ 2.4 g/l.
GUAVA	Guava- Tea Mosquito Bug- Spray Imidacloprid 0.6 ml/l (or) Thiamethoxam 0.6 g /l.

Vellore

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be receive normal rainfall and normal temperature for the period of 04.05.2022 to 10.05.2022. 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. Light rainfall is expected in the forthcoming days. So, farmers are advised to spray insecticides or herbicides with sticking agent.

Crop(Varieties)	Crop Specific Advisory
RICE	Rice ear head bug in rice symptom of sucking the sap from individual grains, which are in milky stage. Individual grains become chaffy. To Control ear head bug in rice Spray thiamethoxam 1gm/ litre of water and Notchi leaf extract 10 %.
JASMINE	Prevailing weather condition is favourable incidence in jasmine for controlling this, apply spinosad @ 0.5 ml/litre.

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.
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. Drought management and soil moisture conservation: 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.
PAPAYA	To control aphids in papaya , spray Imidachloprid @ 0.5 ml / litre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Keep cow and buffalos in shaded area and give clean & cool drinking water at all the time. Bath the cow and buffaloes at morning and evening. Don't allow for grazing during hot summer time. When heat stoke occur the animal respirate rapidly and more frothy salivation happen give Electro best powder or ORS powder 20 gram in 20 litre of water for drink. Vaccinate the cow and buffalo with foot and mouth disease vaccine.
GOAT	Don't allow sheep and goat for grazing during hot summer. Keep animal in shaded area and give fresh and clean drinking water at all time. Give FMD Vaccination. Give powder Electrobest 5 gm in 5 liter of drinking water to each sheep/goat at noontime.
Poultry(Varieties)	Poultry Specific Advisory
CHICKEN	Give clean and cold drinking water at all time. Give LASOTA Vaccine as Eye drops for chicks below 1month of age and give vaccine RDVK for adult birds. Curd, butter milk, green leaves, green fodder can be given at noon time. Give more space and more ventilation to avoid heat stress. Give Polc or Electro best @ dose of 1gm in one litre of drinking water during day time.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Before crop sowing soil testing to be done. Required of fertilizers may be applied cost will be reduced. Summer ploughing to be done. Due to summer ploughing insect and soil born pathogen will be destroyed and crop damage will be minimized.

Cuddalore

From extended range forecast normal rainfall, maximum temperature and minimum temperature expected for the period of 04.05.2022 to 10.05.2022 over Tamil Nadu. Plough the land immediately after harvesting the crop which helps to manage weed growths, save summer rainfall.

Crop(Varieties)	Crop Specific Advisory
RICE	1. Due to prevailing weather condition chances of thrips infestation in paddy field. To control spray thiamethoxam 25% WG 100 g/ha or dimethoate 1.5ml/l. 2. Alage in paddy field reduces the growth of crops. To control apply, 2.0 kg of copper sulphate mix with sand. 3. 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.
SUGARCANE	Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l).
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	1. Installation of yellow sticky traps on the palm trunk to trap the adult whiteflies. 2. Encourage build up of parasitoids (Encarsia sp.) and reintroduce parasitized pupae of emerging zones of whitefly outbreak. 3. In sever case, spray neem oil 10 ml/lit of water or spray azadirachtin 2.0 ml/lit of water with 1.0 ml of sticking agent.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall with lightning and thunder is expected in western zone districts. Summer ploughing against the slope is advised to conserve the anticipated rain. Irrigation to may be given based on soil moisture and apply crop residue mulch to reduce water loss through evaporation. Maximum temperature is likely to be above normal by 2-3 °C at for next three days. Famers may avoid moving out and prevent animals to graze outside during 11 AM to 4 PM.
Sorghum		Considering the favourable weather, sowing of irrigated sorghum may be taken in the ploughed area followed by irrigation.
Sesamum		Considering the present dry weather and based on the capsule maturity of sesame, harvest may be done.
Sugarcane		Detrashing (removing dry cane leaves) in early planted sugarcane may be done to reduce the plant weight against high wind speed anticipated.
Banana		Light rain with wind speed of 10 kmph is expected. Protect five months and above old banana. Normally summer rain accompanied with squally wind. Therefore stacking may be given to be five months and above banana crop.
Turmeric	Land preparation	This is the best time for preparation of land for ensuing Turmeric crop planting hence prepare the land.
Coconut		Since light drizzling is expected, irrigation may be given based on soil moisture especially coconut and banana. For coconut 60 to 100 litres of water may be supplied and mulching with coirpith is advised to conserve the moisture.
Mushroom		Since high temperature is prevailing, application of water through

		sprinkler irrigation is beneficial to the mushroom shed to increase the productivity.
Animal		Maximum temperature is likely to be above normal by 2-3 °C for next three days. Farmers may avoid moving out and prevent animals to graze outside during 11 AM to 4 PM. Provide adequate cool drinking water. Application of water over the sheds of the cattle and poultry will reduce the heat stress or even hanging of wetted gunny bags will also reduce the temperature in considerable extent. With increase in temperature and low humidity mastitis disease may come to milch animals. Clean the udder with 1% potassium permanganate solution, before and after milking.

SMS advisory

Light rain with wind speed of 10 kmph is expected. Protect five months and above old banana.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Light rainfall with lightning and thunder is expected in western zone districts. Summer ploughing against the slope is advised to conserve the anticipated rain. Irrigation may be given based on soil moisture and apply crop residue mulch to reduce water loss through evaporation. Maximum temperature is likely to be above normal by 2-3 °C for next three days. Farmers may avoid moving out and prevent animals to graze outside during 11 AM to 4 PM.
Sorghum		Considering the favourable weather, sowing of irrigated sorghum may be taken in the ploughed area followed by irrigation.
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Banana		Light rain with wind speed of 10 kmph is expected. Protect five months and above old banana. Normally summer rain accompanied with squally wind. Therefore stacking may be given to be five months and above banana crop.
Turmeric	Land preparation	This is the best time for preparation of land for ensuing Turmeric crop planting hence prepare the land.
Coconut		Since light drizzling is expected, irrigation may be given based on soil moisture especially coconut and banana. For coconut 60 to 100 litres of water may be supplied and mulching with coirpith is advised to conserve the moisture.
Mushroom		Since high temperature is prevailing, application of water through sprinkler irrigation is beneficial to the mushroom shed to increase the productivity.
Animal		Maximum temperature is likely to be above normal by 2-3 °C for next three days. Farmers may avoid moving out and prevent animals to graze

		<p>outside during 11 AM to 4 PM. Provide adequate cool drinking water. Application of water over the sheds of the cattle and poultry will reduce the heat stress or even hanging of wetted gunny bags will also reduce the temperature in considerable extent.</p> <p>With increase in temperature and low humidity mastitis disease may come to milch animals. Clean the udder with 1% potassium permanganate solution, before and after milking.</p>
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SMS advisory

Light rain with wind speed of 10 kmph is expected. Protect five months and above old banana.

Tiruppur

Agro advisory

Crop	Stage	Advisory
General		<p>Light rainfall with lightning and thunder is expected in western zone districts. Summer ploughing against the slope is advised to conserve the anticipated rain.</p> <p>Irrigation to may be given based on soil moisture and apply crop residue mulch to reduce water loss through evaporation.</p> <p>Maximum temperature is likely to be above normal by 2-3 °C at for next three days. Famers may avoid moving out and prevent animals to graze outside during 11 AM to 4 PM.</p>
Sugarcane		<p>Detrashing (removing dry cane leaves) in early planted sugarcane may be done to reduce the plant weight against high wind speed anticipated.</p>
Banana		<p>Light rain with wind speed of 10 kmph is expected. Protect five months and above old banana.</p> <p>Normally summer rain accompanied with squally wind. Therefore stacking may be given to be five months and above banana crop.</p>
Coconut		<p>Since light drizzling is expected, irrigation may be given based on soil moisture especially coconut and banana. For coconut 60 to 100 litres of water may be supplied and mulching with coirpith is advised to conserve the moisture.</p>
Mushroom		<p>Since high temperature is prevailing, application of water through sprinkler irrigation is beneficial to the mushroom shed to increase the productivity.</p>
Animal		<p>Maximum temperature is likely to be above normal by 2-3 °Cat for next three days. Famers may avoid moving out and prevent animals to graze outside during 11 AM to 4 PM. Provide adequate cool drinking water.</p> <p>Application of water over the sheds of the cattle and poultry will reduce the heat stress or even hanging of wetted gunny bags will also reduce the temperature in considerable extent.</p> <p>With increase in temperature and low humidity mastitis disease may come to milch animals. Clean the udder with 1% potassium permanganate solution, before and after milking.</p>

SMS advisory

Light rain with wind speed of 10 kmph is expected. Protect five months and above old banana.

Nilgiris

Agro Advisory

Crop	Stage	Advisory
General		Next five days rainfall expected at isolated places. Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Harvest the matured crop immediately and store the harvested products at safe places.
Potato		While planting potato for this season, use disease resistant varieties like Kufri Giridhari and Kufri Swarna.
Carrot		To control nematode in carrot crop, apply Paecilomyces lilacinus @ 10 kg / ha at the time of sowing along with well decomposed farm yard manure.
Cabbage		In cabbage crop, to avoid root knot nematode infestation, follow the seed treatment with 10 grams of Paecilomyces, 10 grams of Trichoderma and 10 grams of Pseudomonas per kg of seed.
Cattle		Due to rainfall, allow the animals to graze outside, do not standing near the trees or electric poles. Provide adequate dry feed/fodder and drinking water.

SMS advisory

Next five days rainfall expected at isolated places. Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Harvest the matured crop immediately and store the harvested products at safe places.

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur and Tiruvarur

Agro Advisory

Crop	Stage	Advisory
General		Summer ploughing can be done and to control weeds and larva of insects.
Green manure		Raising of green manure crops like daincha, sunnhemp and kolinji can be done to utilizing the soil moisture.
Pulse		Application of Pentimethalin at 1lit/acre on three day after sowing as pre emergence herbicide in irrigated black gram.
Livestock	Cattle and Goat	Highly reflective aluminum roofs may be provided to cattle shed to reduce the heat stress to the cattle underneath.

SMS advisory

Summer ploughing can be done and to control weeds and larva of insects.

Tiruchirapalli

Tamilnadu's average rainfall is likely to be normal during this week (04.05.2022 to 10.05.2022) From 1.66 mm to 1.40 mm. Light to moderate rainfall will be expected in the forthcoming days, proper drainage may be provided to all the crops to avoid water logging condition.

Horticulture(Varieties)	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.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Light to 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.
GENERAL ADVICE	To know the precaution of thunder and lightning, download DAMINI app and use it wisely.
GENERAL ADVICE	To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.
GENERAL ADVICE	Due to prevailing weather harvest the matured crops and stored it safely.

Dindigul

Extended range Forecast for next week (06th – 12th May 2022): Rainfall: As per extended range predictions, there is possibility of below normal to near normal rainfall likely during the subsequent week. 06 to 12 May 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 36°C over the plains of the district during next week. 06 to 12 May 2022. Minimum Temperature: Minimum temperatures are likely to be generally normal and are likely to be in the range 20°C to 26°C over the district during next week. 06 to 12 May 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at one or two places over Tamilnadu during 03.05.2022 to 07.05 2022. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. Chances of Moderate rain on 3, 5 May & light rain on 4 May. Max temp-40°C & Min temp -25°C-26°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SW & NW directions.

Horticulture(Varieties)	Horticulture Specific Advisory
Faba bean/ Broad bean	Due to the prevailing weather condition, irrigation should be done for Lablab in an interval of 7 to 10 days depending upon soil and weather conditions. Flowering and pod formation stages are crucial periods where irrigation is must. Avoid water stagnation at all stages. If there is moisture stress, apply 50gm KCl as foliar spray during vegetative stage.
Drumstick	Drumstick cultivating farmers are advised to follow the fertilizer recommendation for annual Moringa crop. A fertilizer dose of 45:16:30 gram of NPK/pit may be applied 3 months after sowing. Apply 45g of Nitrogen per pit after 6 months when the crop is in bearing stage.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Due to the prevailing weather the feed intake of chicks will be decreased, to overcome this issue, increase the quantity of amino acids, mineral mixture with the chick feed. Also, during the summer season the egg shells are much thinner than usual. To

	avoid this, put large amount of oyster in plates and always make it available for the layer birds. During the summer, number of water tanks should be increased than usual (ie. 20% to 30%). To reduce the dehydration process, add more mineral in the water.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	TEMPERATURE WARNING: Maximum temperature is likely to increase by 2 to 3degree Celsius above normal over the Tamilnadu for next two days. (03.05.2022 & 04.05.2022) To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred for your cattle. Cover the sides of cow shed with wet gunny bags.

Madurai

Extended range Forecast for next week (06th – 12th May 2022): Rainfall: As per extended range predictions, there is possibility of below normal to near normal rainfall likely during the subsequent week. 06 to 12 May 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 36°C over the plains of the district during next week. 06 to 12 May 2022. Minimum Temperature: Minimum temperatures are likely to be generally normal and are likely to be in the range 20°C to 26°C over the district during next week. 06 to 12 May 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at one or two places over Tamilnadu during 03.05.2022 to 07.05 2022. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. Chances of Moderate rain on 3, 5 May & light rain on 4 May. Max temp-40°C & Min temp -25°C-26°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SW & NW directions.

Horticulture(Varieties)	Horticulture Specific Advisory
SAPOTA	Due to the prevailing weather condition, the incense of Fruit rot disease is noticed in Sappotta fruit crop. The symptoms are sunken lesions on the fruit-filled with pinkish fungal ooze. To control, spray Camphor solution @ 250ml + Amirtha karaisal @ 250ml with 10litres of water. Spray 3 times in 12 days intervals.
COCONUT	Due to the prevailing weather condition, mulching technology can be practiced in Coconut groove to reduce the water evaporation, 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 1.8m radius around the palms as mulch for soil moisture conservation particularly during summer season.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Due to the prevailing weather the feed intake of chicks will be decreased, to overcome this issue, increase the quantity of amino acids, mineral mixture with the chick feed. Also, during the summer season the egg shells are much thinner than usual. To avoid this, put large amount of oyster in plates and always make it available for the layer birds.

	During the summer, number of water tanks should be increased than usual (ie. 20% to 30%). To reduce the dehydration process, add more mineral in the water.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	TEMPERATURE WARNING: Maximum temperature is likely to increase by 2 to 3 degree Celsius above normal over the Tamilnadu for next two days. (03.05.2022 & 04.05.2022) To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred for your cattle. Cover the sides of cow shed with wet gunny bags.

Ramanathapuram

From extended range forecast, Normal rainfall, Normal maximum temperature and minimum temperature expected for the period of May 04 to May 10 over Tamil Nadu Due to the high temperature farmers are advised to avoid farming activities during noon time.

Crop(Varieties)	Crop Specific Advisory
COTTON	Due to the prevailing weather conditions incidence of stem weevil is expected in cotton. The damage symptoms are swellings on the stem just above the ground level and Older plants that survive lack vigor and strength, breaks at the nodes due to strong wind. If damage symptoms are observed 10% of ETL uproot and destroy the infested plants and drenching collar region with chlorpyriphos 2.5ml/1 liters of water
Horticulture(Varieties)	Horticulture Specific Advisory
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 caster 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

Extended range Forecast for next week (06th – 12th May 2022): Rainfall: As per extended range predictions, there is possibility of below normal to near normal rainfall likely during the subsequent week. 06 to 12 May 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 36°C over the plains of the district during next week. 06 to 12 May 2022. Minimum Temperature: Minimum temperatures are likely to be generally normal and

are likely to be in the range 20°C to 26°C over the district during next week. 06 to 12 May 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at one or two places over Tamilnadu during 03.05.2022 to 07.05 2022. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your livestock. Chances of light rain during 3, 4, 6 & 7 May. Max temp-40°C & Min temp -25°C-26°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SW & NW directions.

Crop(Varieties)	Crop Specific Advisory
JASMINE	Due to the prevailing weather condition the incidence of Flower midge is expected in Jasmine. During the beginning stage, affected buds turns into yellowish grey colour and buds becomes smaller in size with brown colour. To control, spray Profenophos @ 30ml + Cartap hydrochloride @ 20gm + sticky agent @ 10ml with 10 litres of water.
OKRA/ LADYFINGER	Due to the prevailing weather condition the incense of Cercospora Leaf Spot disease is expected in Bhendi. The symptoms are brown, irregular spots with sooty black found in leaves and leaf spots cause severe defoliation. To control spray Copper oxychloride @ 30gm + Copper hydroxide @ 20gm+ sticky agent @ 10ml with 10 litres of water.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Due to the prevailing weather the feed intake of chicks will be decreased, to overcome this issue, increase the quantity of amino acids, mineral mixture with the chick feed. Also, during the summer season the egg shells are much thinner than usual. To avoid this, put large amount of oyster in plates and always make it available for the layer birds. During the summer, number of water tanks should be increased than usual (ie. 20% to 30%). To reduce the dehydration process, add more mineral in the water.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	TEMPERATURE WARNING: Maximum temperature is likely to increase by 2 to 3degree Celsius above normal over the Tamilnadu for next two days. (03.05.2022 & 04.05.2022) To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred for your cattle. Cover the sides of cow shed with wet gunny bags.

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Extended range Forecast for next week (06th – 12th May 2022): Rainfall: As per extended range predictions, there is possibility of below normal to near normal rainfall likely during the subsequent week. 06 to 12 May 2022. Maximum Temperature: Maximum temperatures is likely to be generally near normal and are likely to be in the range 28°C to 36°C over the plains of the district during next week. 06 to 12 May 2022. Minimum Temperature: Minimum temperatures are likely to be generally normal and are likely to be in the range 20°C to 26°C over the district during next week. 06 to 12 May 2022. THUNDERSTORM WARNING: Thunderstorms with lightning are likely to occur at one or two places over Tamilnadu during 03.05.2022 to 07.05 2022. Farmers are advised to take precautionary measures while grazing/herding the sheep, goat, cow on agriculture land for manuring purpose. Do not allow the animals to graze outside, standing near the trees or electric poles. Provide safe shelter for your

livestock. Chances of light rain on 5 May. Max temp-38°C & Min temp -24°C-25°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from SW & NW directions.

Crop(Varieties)	Crop Specific Advisory
JASMINE	Due to the prevailing weather condition the incense of Alternaria leaf blight is expected in Jasmine. The symptoms of disease appear in the leaves with dark brown spots. On fumed condition the spots enlarges covering larger area causing blighting of leaves. The disease also affects stem, petiole and flowers. Collect and remove the fallen leaves and Spray Copper Oxy Chloride @ 2gm/litre of water.
Drumstick	At this stage, weed management and after care is important in Annual Moringa. Up to 2 months after planting, it is necessary to follow the weed management practices and clean the moringa field without weed. Pinch the terminal bud on the central leader stem, when it attains a height of 75cm (two months after planting). This will promote the growth of many lateral branches and reduce the height of the tree.
Poultry(Varieties)	Poultry Specific Advisory
CHICK	Due to the prevailing weather the feed intake of chicks will be decreased, to overcome this issue, increase the quantity of amino acids, mineral mixture with the chick feed. Also, during the summer season the egg shells are much thinner than usual. To avoid this, put large amount of oyster in plates and always make it available for the layer birds. During the summer, number of water tanks should be increased than usual (ie. 20% to 30%). To reduce the dehydration process, add more mineral in the water.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	TEMPERATURE WARNING: Maximum temperature is likely to increase by 2 to 3 degree Celsius above normal over the Tamilnadu for next two days. (03.05.2022 & 04.05.2022) To protect your animal, ensure the increased mineral supplementation to the animals during hot weather to meet the increased demand of minerals. Potassium rich mineral mixture should be preferred for your cattle. Cover the sides of cow shed with wet gunny bags.

Virudhunagar

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted for next five days. Summer rainfall varies with location. Hence, based on the local weather and crop need, irrigation may be planned.
Agricultural/ Horticultural crops	Rainfall	As light rainfall is expected. Harvested agricultural and horticultural produce may be stored under protective shelter.
	Spraying/ Fertilizer	Based on the local weather, spraying of chemicals and fertilizer application may be done.
Livestock	Rainfall &	Light rainfall is expected, avoid leakage roof and livestock

	Thunder	feed to be kept under protective area. If thunder occurrence is noticed avoid grazing.
Human		Stay indoors and avoid travel if possible, during heavy rainfall and thunderstorm.
Dry land		Farmers are requested to practice the summer ploughing based on the receipt of rainfall.
Sapota	Leaf Spot	Prevailing weather is conducive for Leaf Spot diseases The disease is characterized by numerous, small, pinkish to reddish brown spots with whitish centers in the leaf. Control: Spraying of <i>Mancozeb</i> (0.2%) 2 times at 15 days interval.

SMS: Rain: 03-07.05-4,2,4,&2 mm. Irrigation, spraying may be avoided for next two days. Harvested agricultural and horticultural produce may be stored under protective shelter.

Tamil Nadu		
Next five days	Weather warning	Thunderstorm with light to moderate rain is likely to occur at one or two places over interior Tamilnadu and south coastal Tamilnadu on Day 1(03.05.2022) and Day 2 (04.05.2022) Thunderstorm with light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry & Karaikal area on Day 3 (05.05.2022) to Day 5 (07.05.2022).
	Thunderstorm warning:	Day 1(03.05.2022) to Day 5(07.05.2022): Thunderstorm with lightning is likely to occur at one or two places over Tamilnadu.
	Temperature Forecast	Maximum temperatures are likely to be above normal by 2-3 °C at isolated pockets over Tamilnadu for next two days (03.05.2022 to 04.05.2022).

Tirunelveli

Agro Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Light rainfall is predicted for next five days. Summer rainfall varies with location. Hence, based on the local weather and crop need, irrigation may be planned.
Agricultural/ Horticultural crops	Rainfall	Rainfall is expected for next five days. Harvested agricultural and horticultural produce may be stored under protective shelter.
	Spraying/ Fertilizer	Based on the local weather, spraying of chemicals and fertilizer application may be done.
Livestock	Rainfall & Thunder	Light rainfall is expected, avoid leakage roof and livestock feed to be kept under protective area. If thunder occurrence is noticed avoid grazing.
Human		Stay indoors and avoid travel if possible during heavy rainfall and thunderstorm.
Dry land		Farmers are requested to practice the summer ploughing based on the

		suitable soil moisture prevailing for ploughing.
Black gram	Flowering stage	Based on the local weather, spraying 2% DAP at the time of first appearance of flowers and a second spray at 15 days after first spray for enhanced seed set may be practice.
Coconut	All stages	Rugose Spiralling whitefly is noticed in the prevailed weather condition. Application of water, maida solution as spray in order to increase the population of Encarsia parasitic. Also keep yellow stick trap.

SMS: Rain: 03-07.05-5,8,5,3&3 mm. Irrigation, Spraying may be avoided. Harvested agricultural and horticultural produce may be stored under protective shelter.

Tamil Nadu		
Next five days	Weather warning	Thunderstorm with light to moderate rain is likely to occur at one or two places over interior Tamilnadu and south coastal Tamilnadu on Day 1(03.05.2022) and Day 2 (04.05.2022) Thunderstorm with light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry & Karaikal area on Day 3 (05.05.2022) to Day 5 (07.05.2022).
	Thunderstorm warning:	Day 1(03.05.2022) to Day 5(07.05.2022): Thunderstorm with lightning is likely to occur at one or two places over Tamilnadu.
	Temperature Forecast	Maximum temperatures are likely to be above normal by 2-3 °C at isolated pockets over Tamilnadu for next two days (03.05.2022 to 04.05.2022).

Thoothukudi

Agromet Advisory

Crop/ Ecosystem	Stage / Activities	Advisories
Irrigated crops	Water management	Very light rainfall is predicted for next five days. Summer rainfall varies with location. Hence, based on the local weather and crop need, irrigation may be planned.
Agricultural/ Horticultural crops	Rainfall	As light rainfall is expected. Harvested agricultural and horticultural produce may be stored under protective shelter.
	Spraying/ Fertilizer	Based on the local weather, spraying of chemicals and fertilizer application may be done.
Livestock	Rainfall & Thunder	rainfall is predicted, avoid leakage roof and livestock feed to be kept under protective area. If thunder occurrence is noticed avoid grazing.
Human		Stay indoors and avoid travel if possible during heavy rainfall and thunderstorm.
Dry land		Farmers are requested to practice the summer ploughing based on the suitable soil moisture prevailing for ploughing.
Black gram	Flowering stage	Based on the local weather, spraying 2% DAP at the time of first appearance of flowers and a second spray at 15 days after first spray for enhanced seed set may be practice.
Coconut	All stages	Rugose Spiralling whitefly is noticed in the prevailed weather condition. Application of water, maida solution as spray in order to

		increase the population of Encarsia parasitic. Also keep yellow stick trap.
Banana	All stages	Under prevailing weather condition Wilt disease noticed. Soil drenching of Carbendazim 0.1 per cent solution around the pseudostem at bimonthly intervals starting from five months after planting

SMS: Rain: 05&07.05-2&3 mm. Irrigate the crop and Spraying may be given. Harvested agricultural and horticultural produce may be stored under protective shelter.

Tamil Nadu		
Next five days	Weather warning	Thunderstorm with light to moderate rain is likely to occur at one or two places over interior Tamilnadu and south coastal Tamilnadu on Day 1(03.05.2022) and Day 2 (04.05.2022) Thunderstorm with light to moderate rain is likely to occur at a few places over Tamilnadu, Puducherry & Karaikal area on Day 3 (05.05.2022) to Day 5 (07.05.2022).
	Thunderstorm warning:	Day 1(03.05.2022) to Day 5(07.05.2022): Thunderstorm with lightning is likely to occur at one or two places over Tamilnadu.
	Temperature Forecast	Maximum temperatures are likely to be above normal by 2-3 °C at isolated pockets over Tamilnadu for next two days (03.05.2022 to 04.05.2022).

Salem

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Salem:		
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.
Vegetable crops	Vegetative	Application of micro nutrients to vegetable crops may give good results. Farmers are advised to apply micronutrients to the vegetable crops through fertigation or foliar spray during the flowering to fruiting stage.
Paddy	Vegetative	Due to prevailing weather condition leaf folder infestation identified in paddy crop. To manage the leaf folder Release Trichogramma chilonis @5 cc (1, 00,000/ha) thrice at 37, 44 and 51 days.
Livestock	Sheep and Goat	Farmers are advised to apply Butox solution (2 ml in 1 litre water) externally to remove ecto - parasites in sheep and goats.
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.
Livestock	General	Considering the temperature, artificial insemination to animals can be done in morning before 11am after cooling the animals by bathing.
Livestock	General	Flea bite in livestock leads to allergy reaction all over body. Treatment for this apply mixer of betel vine leaves, salt, pepper paste below the tongue.

Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory
Poultry	General	<p>Ethno Veterinary Herbal Research Centre for Poultry, Namakkal</p> <p>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. Desi birds should be vaccinated against Ranikhet Disease on 7th day with F1 strain (Eye drop), on 28th day with Lasota (Eye drop) and on 56th day with RDVK vaccine. Along with that to reduce the incidence of Ranikhet Disease use ethno veterinary medicine as follows</p> <p>Required Ingredients for 10 desi birds Cumin seeds (Seeragam) – 10 grams Black pepper (Milagu) - 5 grams Turmeric powder - 5 grams Small onion - 5 numbers Garlic - 5 cloves Phyllanthus amarus (Keelanelli) – 50 grams</p> <p>Procedure: Grind all the ingredients and make slimy paste into small balls. The balls may be giving in divided doses through oral route or mix with feed ingredients and can be given to the affected birds.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Brinjal	Vegetative stage	Due to change in climate shoot and fruit borer incidence was noticed in brinjal.

		To control of this insect – pest, topping of infested plants should be done. Setting up of pheromone trap 5 numbers / acre for monitoring of male adults. If the damage is beyond the economic threshold level, foliar spraying of Neem Seed Kernel Extract 5 % or spinoderan @ 1 ml / litre of water should be done for effective control of this pest.
Tapioca	Vegetative stage	Mealy bug management in Tapioca Due to increase in temperature mealy bug incidence was reported in Tapioca crop. To control this foliar spraying of neem oil 3 ml and adjuvant 1ml in 1 litre of water can be done for 2 times at 15 days interval. For, further information please contact KVK Namakkal.
Mango	Fruiting stage	To reduce the fruit drop and increase the yield in mango give foliar spraying with mango special @ 5 gram / litre of water along with shampoo and lemon juice.

Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Dharmapuri :		
Coconut	General	To control button shedding in coconut trees, give root feeding of TNAU coconut tonic @ 200ml/tree 6 months interval.
Crops	General	In coconut tree basins application coconut leaves and coir waste can help to prevent evaporation loss, so farmer can able to save water.
Mango	General	For all mango growers, after harvest to prevent post-harvest diseases anthracnose during storage, dipping of fruits in 52°C hot water for 5minutes followed by coating of fruits with wax is recommended.
Poultry	Chicks	In this season ranikhet disease may to occur chicks, to prevent that follow vaccination schedule. F1 strain on 7 th day and lasota 21 th day for controlling of ranikhet disease.
Livestock	Cattle	Due to increasing temperature, chances for incidence of ephemeral fever in cattle's are very high. To control the fever, shade the animal under tree and feed the cattle with soaked fenugreek (50g/l) along with lemon water (1 lemon+ 20L of water +200g of jaggery +50g baking soda+50g of salt).

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry & Crop	Stage	Weather advisory

Poultry	General	<p>Ethno Veterinary Herbal Research Centre for Poultry, Namakkal</p> <p>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. Desi birds should be vaccinated against Ranikhet Disease on 7th day with F1 strain (Eye drop), on 28th day with Lasota (Eye drop) and on 56th day with RDVK vaccine. Along with that to reduce the incidence of Ranikhet Disease use ethno veterinary medicine as follows</p> <p>Required Ingredients for 10 desi birds Cumin seeds (Seeragam) – 10 grams Black pepper (Milagu) - 5 grams Turmeric powder - 5 grams Small onion - 5 numbers Garlic - 5 cloves Phyllanthus amarus (Keelanelli) – 50 grams</p> <p>Procedure: Grind all the ingredients and make slimy paste into small balls. The balls may be giving in divided doses through oral route or mix with feed ingredients and can be given to the affected birds.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Brinjal	Vegetative stage	<p>Due to change in climate shoot and fruit borer incidence was noticed in brinjal.</p> <p>To control of this insect – pest, topping of infested plants should be done.</p> <p>Setting up of pheromone trap 5 numbers / acre for monitoring of male adults.</p> <p>If the damage is beyond the economic threshold level, foliar spraying of Neem Seed Kernel Extract 5 % or spinoderan @ 1 ml / litre of water should be done for effective control of this pest.</p>
Tapioca	Vegetative stage	<p>Mealy bug management in Tapioca</p> <p>Due to increase in temperature mealy bug incidence was reported in Tapioca crop. To control this foliar spraying of neem oil 3 ml and adjuvant 1ml in 1 litre of water can be done for 2 times at 15 days interval. For, further information please contact KVK Namakkal.</p>
Mango	Fruiting stage	<p>To reduce the fruit drop and increase the yield in mango give foliar spraying with mango special @ 5 gram / litre of water along with shampoo and lemon juice.</p>

Karaikal

Weather based Agro-Advisories.

Crop/livestock	Stage/Particulars	Agro Advisory
Cotton	Vegetative stage	To control sucking pest in cotton spray Imidacloprid 17.8 SL @ 100 ml/ha (or) Azadirachtin 0.03% (300 ppm) 2500 ml/ha.
		To control mealy bug in cotton spray neem oil 2 % or NSKE 5 % or Buprofezin 25 SC @ 2 ml/ litre.

		To manage weeds in cotton, hand weeding on 45 DAS or apply post emergence herbicide pyriithobac sodium @ 62.5g a.i./ha + quizalofop ethyl @ 50 g a.i./ha at 45 DAS.
Coconut	Fruiting stage	To control spiraling whitefly in coconut, spray water forcibly and set up yellow sticky trap @ 8 numbers /ac. In severe cases, spray neem oil 0.5 %+ tween 80 (0.005%)
Gourds	Flowering stage	Spray ethrel @ 100 ppm (1 ml/10 litres of water) in snake gourd and bitter gourd and @ 250 ppm (2.5 ml/10 litres of water) in ribbed gourd, four times commencing from 15th days after sowing at weekly intervals to increase female flowers.

SMS: Light to moderate rain is expected for next few days. Hence, farmers may postpone irrigation.

Puducherry

Weather based Agro-Advisories.

Crop	Stage/Particulars	Agro Advisory
Rice	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.
		To manage rice leaf folder release Trichogramma chilonis 5cc (1,00,000/ha) at 37, 44, 51 day after planting. Avoid excess application of nitrogen fertilizers. Setup light trap to attract adult moths. Setup T- shaped bird perches for predatory birds to control these pests. Apply cartaphydrochloride 50% SP @ 2g/l or flubendiamide 20 WG @ 0.25 g/l or thiamethoxam 25 WG @ 0.2 g/l.
Brinjal	Reproductive stage	To manage Brinjal shoot borer, apply neem cake 200 kg/ha or spray Emamectin Benzoate 4% SG@ 0.4g/l.
Coconut	Fruiting stage	To control spiraling whitefly in coconut, spray water forcibly and set up yellow sticky trap @ 8 numbers /ac. In severe cases, spray neem oil 0.5 %+ tween 80 (0.005%).
Gourds	Flowering stage	Spray ethrel @ 100 ppm (1 ml/10 litres of water) in snake gourd and bitter gourd and @ 250 ppm (2.5 ml/10 litres of water) in ribbed gourd, four times commencing from 15th day after sowing at weekly intervals to increase female flowers.

SMS: Light to moderate rain is expected for next few days. Hence, farmers may postpone irrigation.

BLOCK LEVEL FORECAST

CHENNAI DISTRICT

Chennai Block

From extended range forecast Normal rainfall and Normal maximum temperature & minimum temperature expected for the period of 04.05.2022 to 10.05.2022 over Tamil Nadu. The following next three days would experiences maximum temperature above normal by 2-3 °C in some places of tamil nadu.

Live Stock(Varieties)	Live Stock Specific Advisory
COW	1. Increasing the frequency of feeding from three to four times per day to high yielding crossbreed, dairy cattle would nominally increase milk production and at the same time will reduce the heat stress. 2. Abrupt or sudden changes in feed are feeding schedule in dairy cattle must be avoided during summer season. Moreover the feed must comprise more of succulent green fodder to reduce heat stress.
PIG	6. White pigs meant for fattening purpose which are fed with high fat containing swill feed would suffer heat load during digestion, during summer season. Hence to prevent this fat containing swill feed should be fed during late evening hours
RABBIT	7. Rabbitaries with asbestos/metal roofs will experience more heat during summer, hence covering the roof with coconut leaves or gunny bags and splashing water over them will reduce the inner micro climate of rabbit shed
CHICKEN	8. Provision of cool wholesome drinking water to poultry during summer is essential

TIRUVANNAMALAI DISTRICT

Anukkavur, Chengam, Arani, Chetput, Cheyyar, Jawadhu Hill, Kalasapakkam, Keelpennathur, Pernamallur, Polur, Pudupalayam, Thandrampet, Thellar, Tiruvannamalai, Thurinapuram, Vandavasi, Verbakkam, West Arani Blocks

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be receive normal rainfall and normal temperature for the period of 04.05.2022 to 10.05.2022. 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. The following next three days would experiences maximum temperature above normal by 2-3 °C in some places of tamil nadu.

Crop(Varieties)	Crop Specific Advisory
RICE	Rice ear head bug in rice symptom of sucking the sap from individual grains, which are in milky stage. Individual grains become chaffy. To Control ear head bug in rice Spray thiamethoxam 1gm/ litre of water and Notchi leaf extract 10 %.
JASMINE	Prevailing weather condition is favourable incidence in jasmine for controlling this, apply spinosad @ 0.5 ml/litre.

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.
PAPAYA	To control aphids in papaya , spray Imidachloprid @ 0.5 ml / litre.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	Keep cow and buffalos in shaded area and give clean & cool drinking water at all the time. Bath the cow and buffaloes at morning and evening. Don't allow for grazing during hot summer time. When heat stoke occur the animal respirate rapidly and more frothy salivation happen give Electro best powder or ORS powder 20 gram in 20 litre of water for drink. Vaccinate the cow and buffalo with foot and mouth disease vaccine.

VILLUPURAM DISTRICT

Chinnasalam, Gingee, Kallakurichi, Kallrayan hill, Kana, Kandamangalam, Koliyanur, Mailam, Marakanam, Melmalayanur, Mugaiyur, Olakkur, Rishivandiyam, Sankarapuram, Thirukovilur, Thirunavalur, Thiruvainallur, Thiyagadurgam, Ulundurpet, Vallam, Vanur, Vikravandi Blocks

From extended range forecast normal rainfall, maximum temperature and minimum temperature expected for the period of 04.05.2022 to 10.05.2022 over Tamil Nadu. The following next three days would experience maximum temperature above normal by 2-3 °C in some places of Tamil Nadu.

Crop(Varieties)	Crop Specific Advisory
RICE	Alage in paddy field reduces the growth of crops. To control apply, 2 kg of copper sulphate mix with sand. 2. Due to prevailing weather condition leaf folder and stem borer infestation is found in paddy crop. To manage them, spray chlorantraniliprole 18.5% 150ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.
SUGARCANE	Due to prevailing weather condition changes of sugarcane early shoot borer infection. To control spray chlorantraniliprole 18.5 SC (0.5 ml/l) or fipronil 5 % SC (2 ml/l).
COCONUT	Installation of yellow sticky traps (25 Nos./ ha) on the palm trunk to trap the adult whiteflies. 2. Encourage buildup of parasitoids (Encarsia sp.) and reintroduce parasitized pupae at emerging zones of whitefly outbreak. 3. In severe case, spray neem oil 20 ml/l of water or spray Azadirachtin 2.0 ml/l of water with 1.0 ml of sticking agent.

TIRUCHIRAPPALLI DISTRICT

ANDANALLUR, LALGUDI, MANACHANELLUR, MANAPPARAI, MANIKANDAM, MARUNGAPURI, MUSIRI, PULLAMBADI, TATTAYANGARPETTAI, THIRUVERAMBUR, THOTTIAM, TURAIYUR, UPPILIAPURAM & VAIYAMPATTI Blocks

Tamilnadu's average rainfall is likely to be normal during this week (04.05.2022 to 10.05.2022) From 1.66 mm to 1.40 mm. Light to moderate rainfall will be expected in the forthcoming days, proper drainage may be provided to all the crops to avoid water logging condition.

Horticulture(Varieties)	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.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Light to 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.
GENERAL ADVICE	To know the precaution of thunder and lightning, download DAMINI app and use it wisely.
GENERAL ADVICE	To know the weather forecast and agro advisory bulletins, download MEGHDOOT app and use it wisely.
GENERAL ADVICE	Due to prevailing weather harvest the matured crops and stored it safely.

NILGIRIS DISTRICT

Coonoor, Gudalur, Kotagiri and Ooty Blocks

Agro Advisory

Crop	Stage	Advisory
General		Next five days rainfall expected at isolated places. Avoid irrigation, intercultural operation and application of plant protection measures and fertilizers to the standing crops. Harvest the matured crop immediately and store the harvested products at safe places.
Potato		While planting potato for this season, use disease resistant varieties like Kufri Giridhari and Kufri Swarna.
Carrot		To control nematode in carrot crop, apply Paecilomyces lilacinus @ 10 kg / ha at the time of sowing along with well decomposed farm yard manure.
Cabbage		In cabbage crop, to avoid root knot nematode infestation, follow the seed treatment with 10 grams of Paecilomyces, 10 grams of Trichoderma and 10 grams of Pseudomonas per kg of seed.

Cattle		Due to rainfall, allow the animals to graze outside, do not standing near the trees or electric poles. Provide adequate dry feed/fodder and drinking water.
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SMS advisory

Next five days rainfall expected at isolated places. Avoid irrigation, inter-cultural operation and application of plant protection measures and fertilizers to the standing crops. Harvest the matured crop immediately and store the harvested products at safe places.

