



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 062/2021

For the period 0830 IST, 03rd August 2021 to
0830 IST, 08th August 2021

Issued on Tuesday, 03rd August 2021

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 30.07.21 to 02.08.21 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 30°C – 40°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 17°C – 19°C during the period.

Minimum temperature of range 23°C - 29°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 10°C - 11°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 (Isolated Places)	30.07.21, 31.07.21, 01.08.21 & 02.08.21	Tamil Nadu
Dry	30.07.21, 31.07.21, 01.08.21 & 02.08.21	Puducherry

Chief Amounts of Rainfall (in cms):-

30.07.21 : Devala (dist Nilgiris) 1.

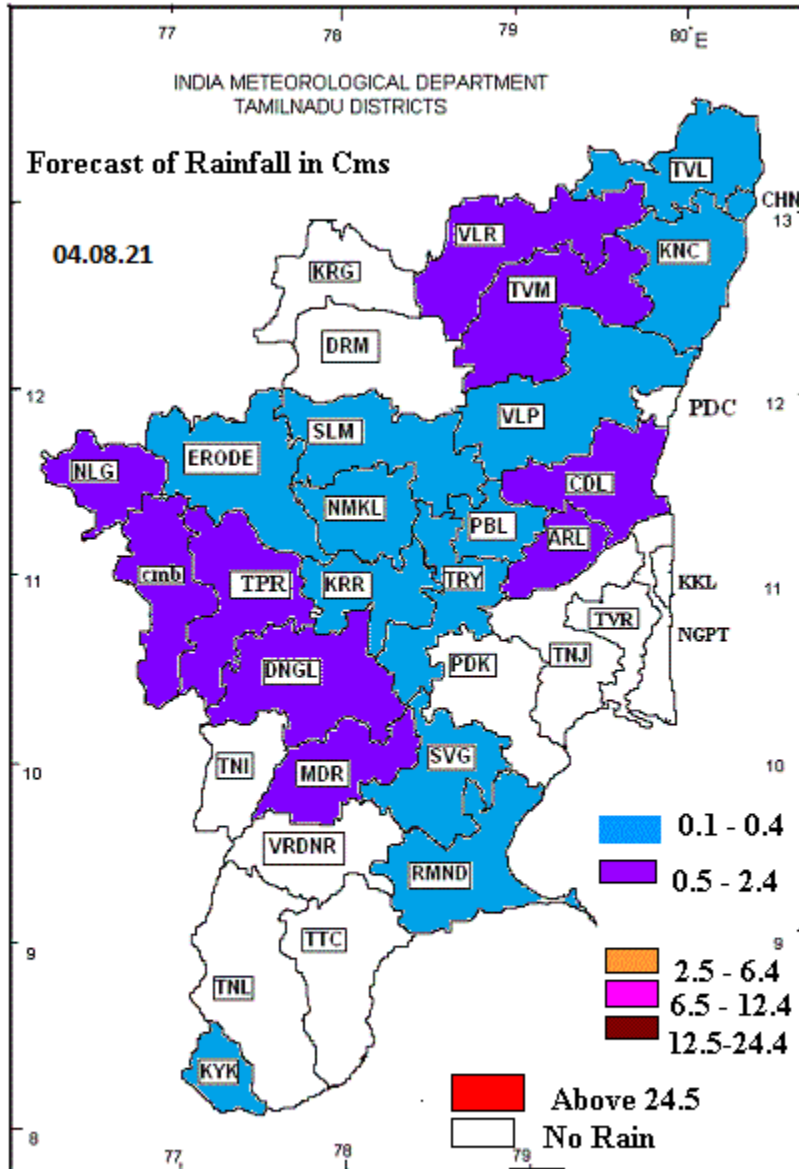
31.07.21 : Chinnakalar (dist Coimbatore), Valparai PAP (dist Coimbatore) 1 each.

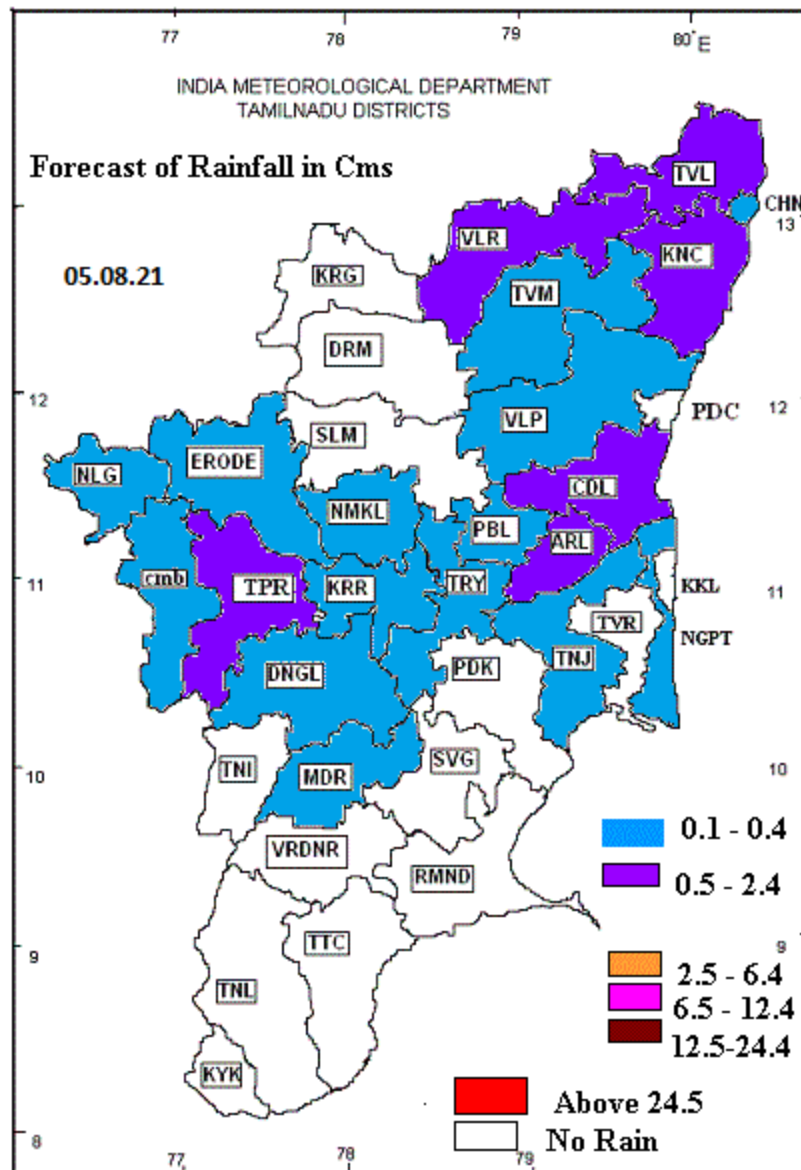
01.08.21 : Wallajah (dist Ranipet) 5, Mahabalipuram (dist Chengalpattu) 4, Thirukalukundram (dist Chengalpattu), Thiruvalangadu (dist Tiruvallur) 3 each, Kaveripakkam (dist Ranipet), Dgp Office (dist Chennai), Satyabama Uty Arg (dist Chengalpattu), Cholavaram (dist Tiruvallur), Ammundi (dist Vellore), Chembarambakkam Arg (dist Tiruvallur), Poonamallee (dist Tiruvallur), Anna University (dist Chennai), Mgr Nagar (dist Chennai), Ennore Aws (dist Tiruvallur), Kelambakkam (dist Chengalpattu) 2 each, Poondi (dist Tiruvallur), Ambathur (dist Tiruvallur), Chembarabakkam (dist Tiruvallur), Arcot (dist Ranipet), Chennai(n) (dist Chennai), Tiruttani (dist Tiruvallur), Puzhal Arg (dist Tiruvallur), Chennai Ap (dist Chennai), Alandur (dist Chennai), Sriperumbudur (dist Kancheepuram), Perambur (dist Chennai), Sholinganallur (dist Chennai), Tiruvallur (dist Tiruvallur), Kancheepuram (dist Kancheepuram), Tiruttani Pto (dist Tiruvallur), Villivakkam (dist Tiruvallur), Taramani Arg (dist Chennai), Devala (dist Nilgiris),

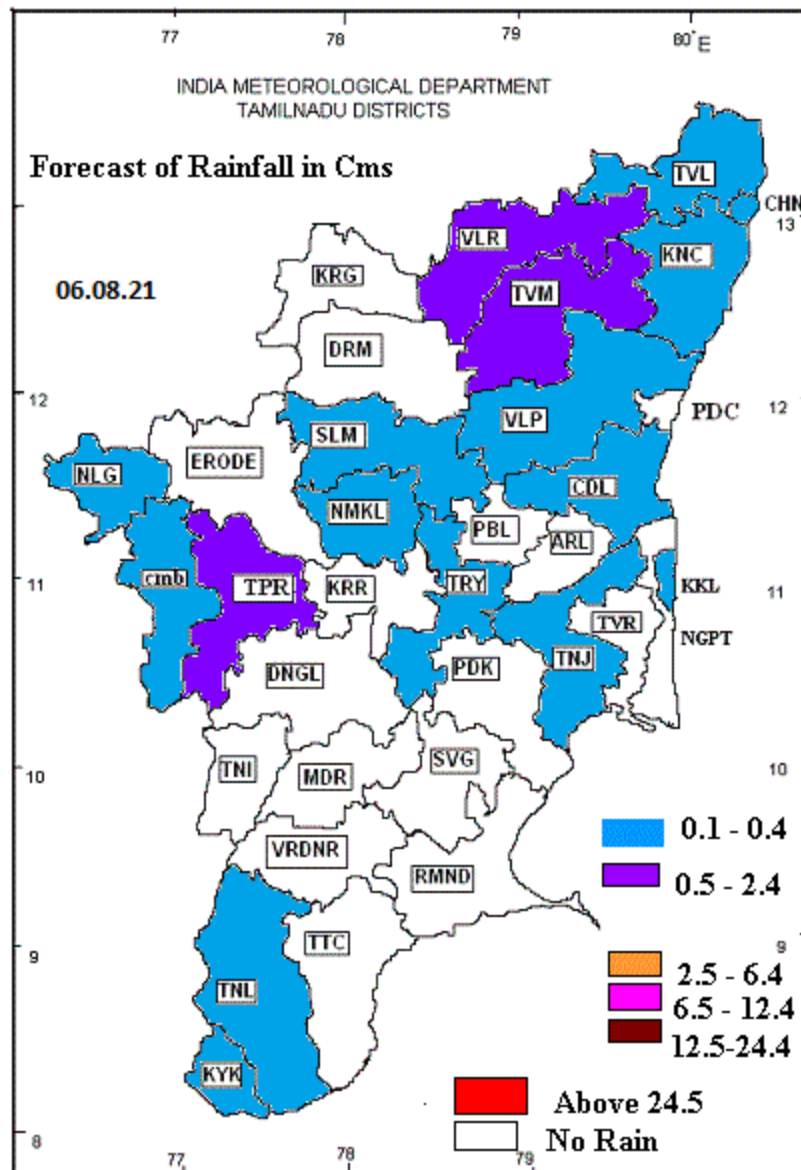
Naduvattam (dist Nilgiris), Cheyyar (dist Tiruvannamalai), Thirupporur (dist Chengalpattu), Chengalpattu (dist Chengalpattu) 1 each.

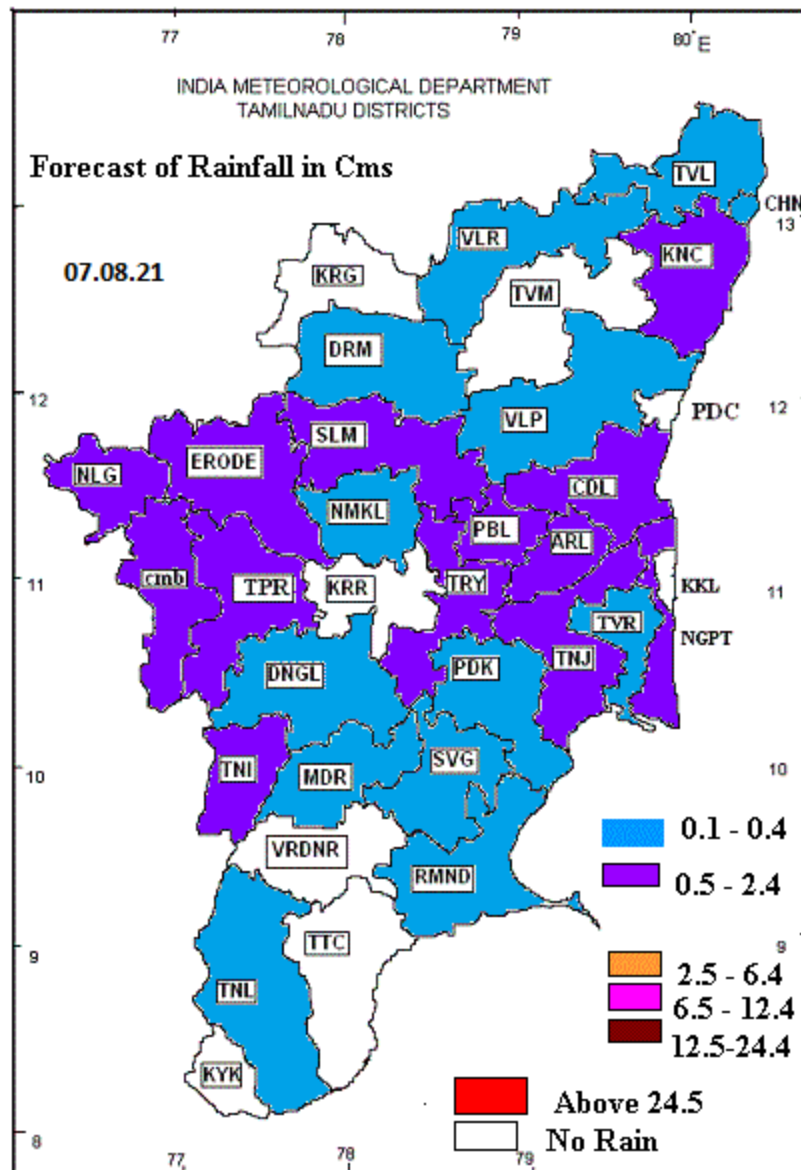
02.08.21 : Nil.

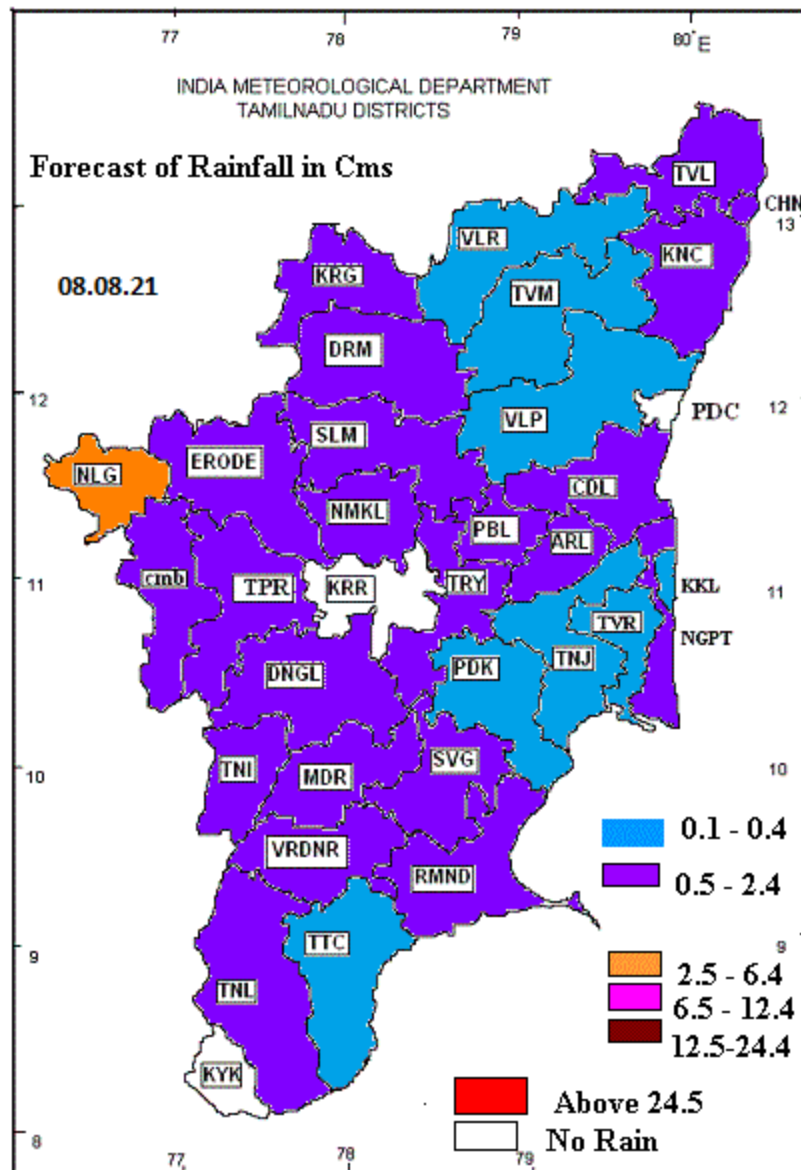
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 03.08.21
VALID FOR THE NEXT 5 DAYS**











Districtwise Agromet Advisories

Chennai

SMS Advisory: (05.08.2021-07.08.2021):

Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu.

Livestock Advisory

1. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
2. The concentrated feed and dry fodder must be stored in water proof god-owns to prevent aflatoxin and mould development.
3. To prevent mortality due to thunder strike during very heavy rainfall with thunderstorm, grazing during heavy rainfall should be prevented.
4. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation.
5. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitry must be maintained damp free.
6. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.
7. To prevent the ammonia accumulation there must be in the big house, good ventilation.
8. The livestock should be given dipping ones in two month to prevent exoparasitic infestation.
9. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
10. In deep litter system of poultry rearing, the moisture level of litter system must be under check to prevent ammonia accumulation in poultry houses.

Kancheepuram

As per IMD Extended Range Forecast for the period of 08.08.2021 to 14.08.2021 Tamil Nadu & Pondicherry region may likely to receive higher rainfall than the normal. Thunderstorm with lightning is likely to occur at isolated places over Kanchipuram district of Tamilnadu on 05.08.2021 to 07.08.2021. Farmers are advised to irrigate the crop field based on the soil moisture availability. There are possibilities of Budworm infestation in Jasmine crop. For management farmers may spray 5% of Neem seed kernel extract.

Crop(Varieties)	Crop Specific Advisory
RICE	The forecasted weather may cause leaf folder infestation in rice crop. The farmers are advised to monitor the field, if symptoms are observed it's advised to spray Chlorantraniliprole 18.5% 150 ml/ha.
OKRA/ LADYFINGER	There is possibilities yellow vein mosaic virus infestation in bhendi crops. This virus transmitted by whitefly for the management of whitefly farmers are advised Phosalone 35 EC @ 2.5 l/ha or Quinalphos 25 EC @ 2.0 l/ha or Triazophos 40 EC @ 2.0 l/ha.
CROSSANDRA	There are possibilities of sucking pest incidence in Crossandra crops. Farmers are advised to monitor the field and take necessary plant protection measures.

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	There are Possibilities of Fruit and shoot borer infestation in brinjal. Farmers are advised to monitor the brinjal field and advised to take necessary plant protection measures.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	All calve at 0-3 months should be given cocaidiostat for 3-5 successive days to control infection in newborn calve. Provide salt lick to avoid mud eating in calves. Farmers are advised to provide salt dose daily through feed 40-50gm of salt per adult animal and 10-20gm for small ruminants and calves.
GOAT	Kids and lambs start to develop pot bellies or bottle jaws, which is a sign of protein deficiency and additional protein as well as energy feed to be provided to the animals to improve growth rate. Farmers are advised to slowly introduce novel feeds when supplementary feed is resorted to sheep and goat to avoid illness or other negative consequences.
Fisheries(Varieties)	Fisheries Specific Advisory
INLAND	The forcasted weather may alter the pH level of fish and prawn ponds. For management farmers are advised to go for application of 100-200 kg of lime.
COMMON FISH	During raining days, farmers are advised to avoid the accumulation of plant debris and other organic matter along with runoff to sustain the pH variation. By viewing the rainfall forecast farmers are advised to reduce the farm water level of 20-30 cm form normal.
Poultry(Varieties)	Poultry Specific Advisory
LAYER	Farmers are advised to provide sufficient water adlbitum with sufficient spacing for optimal temperature maintenance for egg production in layers and meat in broilers. Farmers may provide B-complex supplementation to poultry birds to avoid stress in birds and to improve production.

Villupuram

SMS Advisory: (05.08.2021-07.08.2021):

Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu.

Livestock Advisory:

1. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
2. The concentrated feed and dry fodder must be stored in water proof god-owns to prevent aflotoxin and mould development.
3. To prevent mortality due to thunder strike during very heavy rainfall with thunderstorm, grazing during heavy rainfall should be prevented.

4. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation.
5. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.
6. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.
7. To prevent the ammonia accumulation there must be in the big house, good ventilation.
8. The livestock should be given dipping ones in two month to prevent exoparasitic infestation.
9. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
10. In deep litter system of poultry rearing, the moisture level of litter system must be under check to prevent ammonia accumulation in poultry houses.

Agricultural advisory:

Rice:

1. Prevailing weather condition is favourable for bacterial leaf blight infection in ricecrop. To control spray 20% fresh cow dung extract twice (starting from initial appearance of the disease and another at fortnightly interval) or spray twice copperhydroxide 77 WP @ 1.25 kg/ha 30 and 45 days after planting or spray streptomycinsulphate + tetracycline combination @ 300 g + copper oxychloride @c1.25 kg/ha. If necessary repeat 15 days later.
2. Due to prevailing weather condition leaf folder and stem borer infestation is identified in paddy crop. To manage the leaf folder and stem borer, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.

Sugarcane:

Mealy bug and pokkah boeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkah boeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

Tapioca:

Prevailing weather condition is favourable for mealy bug infestation in tapioca crop. To control spray profenophos 2.0 ml/l or thiamethoxam 25% WG 100 g/ha with sticking agent. 2. Prevailing weather condition is favorable for mite infestation in tapioca crop. To control spray propargite 57% EC 2.0 ml/liter or spiromesifer 22.9 SC 1.0 ml/liter or dicofol 18.5 EC 2.0 ml/liter.

Thiruvannamalai

SMS Advisory: (05.08.2021-07.08.2021):

Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu.

Livestock Advisory:

1. Since moderate rain is forecasted in the fourth coming week farmers are advised to tether livestock in the inside sheds, to prevent from rain water drenching.
2. The concentrated feed and dry fodder must be stored in water proof god-owns to prevent aflatoxin and mould development.
3. To prevent mortality due to thunder strike during very heavy rainfall with thunderstorm, grazing during heavy rainfall should be prevented.
4. To counteract over occurrence of infection during rainy season pregnant goat (adult goat) must be provided with vitamin and mineral supplementation.
5. Higher air temp and relative humidity will pre dispose the rabbit to respiratory distress; to prevent this rabbitory must be maintained damp free.

6. Water logged damp areas will predispose the young kids and lambs to coccidial infection leading to mortality, Hence to prevent this kids and lambs must be provided with raised platform system of housing or they must be housed in well ventilated damp free area.
7. To prevent the ammonia accumulation there must be in the big house, good ventilation.
8. The livestock should be given dipping ones in two month to prevent exoparasitic infestation.
9. The farmers rearing poultry in backyard system must prevent the birds from drinking, the stagnant water to prevent parasitic infestation.
10. In deep litter system of poultry rearing, the moisture level of litter system must be under check to prevent ammonia accumulation in poultry houses.

Agricultural advisory

Rice:

1. In the paddy planting field to apply Beautachlor for weed control 2.5 litre+25 Kg sand per hectare on the third day.
2. Prevailing weather condition is favourable for leaf folder incidence in rice. Hence farmers are requested to monitor the field and spray fipronil 2ml/litre.
3. Paddy thrips may be found in nursery field. To control this, spray acetamid@ 0.4g/litre.

Groundnut:

1. Prevailing weather is favorable for tikka leaf spot disease in groundnut. For controlling this spray Mancozeb @ 2g / litre.
2. During rainy season iron deficiency may be seen in groundnut. So, apply Feso4 1% @ 10ml /litre.

Coconut:

During rainy season, to control rhinoceros beetle in coconut setup light traps.

Banana:

Spray mancozeb 2g/litre, to control sigatoka leaf spot in banana.

Papaya:

To control papaya yellow mosaic virus, spray Imidachloprid @ 0.5 ml / litre.

Bhedi:

Setup pheromone trap @ 12/ha or spray Azadirachtin 0.03 % 5 g/litre to control bhendi fruit borer.

Rose:

Prevailing weather condition is favorable for black spot disease in rose. For controlling this disease spray, carbendazim @ 1 gm/lit twice at fortnight intervals.

Thiruvallur

From the extended range forecast, Above normal rainfall and normal temperature expected for the period of 08th to 14th August over Tamil Nadu. Inward ring basin may be strengthened around fruit trees to harvest anticipated rainfall in the root zone. Since light to moderate rainfall is expected irrigation may be done according to soil moist.

Crop(Varieties)	Crop Specific Advisory
RICE	RICE-Vegetative Stage-1.Stem bore- Spray Azadirachtin 0.03% 400 ml (Or) Flubendiamide 20% WG 50g per acre in 200 litre of water ; 2.Bacterial leaf blight - Initial stages- spray twice copper hydroxide 77 WP 500g per acre in 200 litre of water and severe stage- Spray streptomycin + Tetracycline 120g + copper oxychloride 500g for one acre in 200 litre of water; 3.Leaf folder- Spray Azadirachtin 0.03% 400 ml 200 litres of water (Or) Spray NSKE 5 %; 4.Brown leaf Spot-Spray metominostrobin @ 200 ml per acre in 200 of water; after observing initial infection of the disease.

RICE	RICE- Flowering stage-1.False smut- Spray for Propiconazole 25 EC @ 200 ml/acre; (or) Copper hydroxide 77 WP @ 500g /acre at boot leaf and 50% flowering stages.
RICE	RICE- Harvesting stage-1. Ear head bug -Spray Neem seed kernel extract 5%; 2.farmers are advice to harvest the mature crop immediately and maintain 8-12% moisture content for safe storage.
SUGARCANE	Sugarcane- Inter nodes borer- Release egg parasitoid, Trichogramma chilonis at the rate of @ 2.5 cc / release / acre. at 15 days intervals starting from 4th month on wards. Avoid the use of excessive nitrogenous fertilizers. Collect and destroy the eggs periodically. Detrash the crop on 150th and 210th day of planting.
OKRA/ LADYFINGER	Bhendi/Okra-Seed Treatment- Seed treatment with Trichoderma viride @ 4 g/kg of seeds and again with 400 g of Azospirillum using starch as adhesive and dried in shade for 30 minutes.
GROUNDNUT	Groundnut-leaf miner-spray Methyl demeton 25 EC 1000 ml per acre in 200 litres of water ; and Set up light trap between 8 to11 pm at ground level.
Horticulture(Va rieties)	Horticulture Specific Advisory
CHILLI	Chilli- Damping Off- Treat the seeds with Trichoderma viride @ 4 g / kg or Pseudomonas fluorescens @ 10 g /kg of seeds treat with 24 hours before sowing.
BRINJAL	Brinjal- Damping Off- Treat the seeds with Trichoderma viride @ 4 g / kg or Pseudomonas fluorescens @ 10 g /kg of seeds treat with 24 hours before sowing.

Vellore

As per the IMD extended range forecast (ERF), Tamil Nadu and Puducherry may be receive above normal rainfall and normal temperature for the period of 08.08.2021 to 14.08.2021. Prevailing weather condition is favorable for pest and disease incidence for all crops. Farmers are advised to monitor their field and take necessary plant protection measures based on symptoms of damage. Protect dry paddy straw and sorghum straw from raining and subsequent fungal contamination. If so, avoid feeding them to cow.

Crop(Varieties)	Crop Specific Advisory
RICE	Prevailing weather condition is favorable for leaf folder incidence in rice. Hence farmers are requested to monitor the field and spray azadirachtin 0.03% 100ml/ha.
GROUNDNUT	Prevailing weather is favorable for tikka leaf spot disease in groundnut. For controlling this spray Mancozeb @ 2g / litre. To control aphid, apply Chlorpyrifos 20% EC 1000ml/ha.
JASMINE	Prevailing weather condition is favorable for budworm incidence in jasmine. For controlling this, apply spinosad @ 0.5 ml/litre.
OKRA/ LADYFINGER	Prevailing weather condition is favorable for yellow mosaic virus in bhendi crop. To control this, spray thiamethoxam 25%WG 2g/litre.

Horticulture(Varieties)	Horticulture Specific Advisory
TOMATO	Prevailing weather condition is favorable for wilting in tomato crop. To control this, drenching with Copper oxychloride 2.5g/litre.
BRINJAL	To control shoot borer/ fruit borer, spray Azadirachtin 1% EC (10000 ppm) 3ml/litre or Flubendiamide 20WDG 7.5g/10 litre.
PAPAYA	To control mealy bug attack in papaya spray neem oil 2% or neem seed kernel extract @ 5%.
COCONUT	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.
GUAVA	To control fruit fly in guava use methyl eugenol lure trap (4/acre) to monitor and kill adults of fruit flies or apply neem oil 3%.
Live Stock(Varieties)	Live Stock Specific Advisory
COW	The farmers are advised to vaccinate their livestock against FMD by taking their livestock to the nearby veterinary dispensary.
GOAT	Provide deworming medicine and antidiarhea medicine in consultation with veterinariyan.
Poultry(Varieties)	Poultry Specific Advisory
BREEDER	Give powder Amprolium or Ran cox or Supercox for coccidiosis in consultation with veterinarian.

Cuddalore

From extended range forecast, above normal rainfall, Normal maximum temperature and minimum temperature expected for the period of 8th to 14th August 2021 over Tamil Nadu. Light to moderate rainfall will be expected in the forthcoming days, proper drainage may be provided to the crops to avoid water logging condition.

Crop(Varieties)	Crop Specific Advisory
RICE	Due to prevailing weather condition leaf folder and stem borer infestation is identified in paddy crop. To manage the leaf folder and stem borer, spray chlorantraniliprole 18.5% 150 ml/ha or flubendiamide 39.35 SC 50 g/ha during morning or evening hours.
SUGARCANE	Mealy bug and pokkah boeng infection identified in sugarcane crop. Mealy bug affect growth of plants and pokkah boeng cause death of young spindles of sugarcane crop. To control spray imidacloprid 17.8 SL 0.6 ml/l or carbendazim 1.0 g/l.

GROUNDNUT	Due to prevailing weather condition changes of groundnut leaf miner infection. To control spray Dimethiate 30 EC 660 ml/ha or methyl demeton 25% EC 1000 ml/ha with 500 lit of water.
MAIZE	Prevailing weather condition is favorable for fall army worm infestation in maize crop. To control spray spinetoram 0.5 ml/litre or chloratriniliprole 18.5 SC @ 0.4 ml/liter water.
Horticulture(Varieties)	Horticulture Specific Advisory
CHILLI	To control the damping of infection in Chilli treat seeds with Trichodermaviride @ 4 g / kg or bacillus subtilis @ 10 g /kg of seeds treat with 24 hours before sowing.
BRINJAL	To control the damping of infection in brinjal treat seeds with Trichodermaviride @ 4 g / kg or bacillus subtilis @ 10 g /kg of seeds treat with 24 hours before sowing.
TAPIOCA	1. Prevailing weather condition is favourable for mealy bug infestation in tapioca crop. To control spray profenophos 2.0 ml/l or thiamethoxam 25% WG 100 g/ha with sticking agent. 2. Prevailing weather condition is favorable for mite infestation in tapioca crop. To control spray propargite 57% EC 2.0 ml/liter or spiromesifer 22.9 SC 1.0 ml/liter or dicofol 18.5 EC 2.0 ml/liter.

Coimbatore

Agro Advisory

Crop	Stage	Advisory
General		Thunderstorm with light rainfall is likely to occur at isolated places over Western Ghats. Wind speed of 15 - 20 km/hour is expected, hence provide adequate support to banana and sugarcane.
Maize	Sowing & Vegetative	Utilizing the received and anticipated rainfall, sowing of irrigated maize may be continued. Irrigated maize crop at 30 days old may be top dressed with urea 55kg and 12kg MOP/ acre after weeding. The maximum temperature will be more than 32 °C in the next five days and hence irrigation may be given based on soil moisture condition to maize crop.
Groundnut	Flowering	Prevailing weather condition is conducive for the Cercospora leaf spot in groundnut monitor the disease initiation and if already crop is infected spray mangozeb @ 2.5 g per litre of water.
Sugarcane	Vegetative	Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall.
Cotton	Sowing	By utilizing past and anticipated rainfall land preparation may be initiated for irrigated cotton to be sown on August 15.
Gourds Vegetable	Land preparation	Utilizing the anticipated rain, start sowing of Gourds.

Grapes		Considering the anticipated high relative humidity, grapes may be infected with either powdery mildew or downy mildew. To control powdery mildew spray 0.3% wettable Sulphur. To control downy mildew, spray 1% Bordeaux mixture.
Turmeric	Vegetative	In turmeric crop at 60 days, apply second topdressing with 50 kg of urea and 30kg of muriate of potash.
Tea	Vegetative	Right time for training and pruning of shade trees in Tea plantations in Valparai.
Animal		Due to high relative humidity, animals may have more thirst for water. Hence, provide adequate drinking water to animals. Due to high wind speed feed material of poultries may be drifted hence hanging of gunny bags at the borders of the shed to reduce the wind speed. Maximum temperature is more than 32 °C, electrolytes or mineral mix in poultry and animal feeds may be added to increase the feed intake.

SMS advisory

Maximum temperature is more than 32 °C, electrolytes or mineral mix in poultry and animal feeds may be added to increase the feed intake.

Erode

Agro Advisory

Crop	Stage	Advisory
General		Thunderstorm with light rainfall is likely to occur at isolated places over Western Ghats. Wind speed of 15 - 20 km/hour is expected, hence provide adequate support to banana and sugarcane.
Maize	Sowing & Vegetative	Utilizing the received and anticipated rainfall, sowing of irrigated maize may be continued. Irrigated maize crop at 30 days old may be top dressed with urea 55kg and 12kg MOP/ acre after weeding. The maximum temperature will be more than 32 °C in the next five days and hence irrigation may be given based on soil moisture condition to maize crop.
Groundnut	Flowering	Prevailing weather condition is conducive for the Cercospora leaf spot in groundnut monitor the disease initiation and if already crop is infected spray mangozeb @ 2.5 g per litre of water.
Sugarcane	Vegetative	Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall.
Gourds Vegetable	Land preparation	Utilizing the anticipated rain, start sowing of Gourds.
Banana		Rain may be accompanied with high wind speed of >15 km/hour. Provide adequate stacking to 5 months old and above banana against lodging.
Turmeric	Vegetative	In turmeric crop at 60 days, apply second topdressing with 50 kg of urea and 30kg of muriate of potash.

Animal		<p>Due to high relative humidity, animals may have more thirst for water. Hence, provide adequate drinking water to animals.</p> <p>Due to high wind speed feed material of poultries may be drifted hence hanging of gunny bags at the borders of the shed to reduce the wind speed.</p> <p>Maximum temperature is more than 32 °C, electrolytes or mineral mix in poultry and animal feeds may be added to increase the feed intake.</p>
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SMS advisory

Maximum temperature is more than 32 °C, electrolytes or mineral mix in poultry and animal feeds may be added to increase the feed intake.

Tiruppur

Agro Advisoy

Crop	Stage	Advisory
General		<p>Thunderstorm with light rainfall is likely to occur at isolated places over Western Ghats.</p> <p>Wind speed of 15 - 20 km/hour is expected, hence provide adequate support to banana and sugarcane.</p>
Maize	Sowing & Vegetative	<p>Utilizing the received and anticipated rainfall, sowing of irrigated maize may be continued.</p> <p>Irrigated maize crop at 30 days old may be top dressed with urea 55kg and 12kg MOP/ acre after weeding.</p> <p>The maximum temperature will be more than 32 °C in the next five days and hence irrigation may be given based on soil moisture condition to maize crop.</p>
Groundnut	Flowering	<p>Prevailing weather condition is conducive for the Cercospora leaf spot in groundnut monitor the disease initiation and if already crop is infected spray mangozeb @ 2.5 g per litre of water.</p>
Sugarcane	Vegetative	<p>Detrashing and propping may be done in six months old sugarcane to protect against anticipated high wind speed and rainfall.</p>
Cotton	Sowing	<p>By utilizing past and anticipated rainfall land preparation may be initiated for irrigated cotton to be sown on August 15.</p>
Gourds Vegetable	Land preparation	<p>Utilizing the anticipated rain, start sowing of Gourds.</p>
Banana		<p>Rain may be accompanied with high wind speed of >15 km/hour. Provide adequate stacking to 5 months old and above banana against lodging.</p>
Turmeric	Vegetative	<p>In turmeric crop at 60 days, apply second topdressing with 50 kg of urea and 30kg of muriate of potash.</p>
Animal		<p>Due to high relative humidity, animals may have more thirst for water. Hence, provide adequate drinking water to animals.</p> <p>Due to high wind speed feed material of poultries may be drifted hence hanging of gunny bags at the borders of the shed to reduce the wind speed.</p> <p>Maximum temperature is more than 32 °C, electrolytes or mineral mix in</p>

	poultry and animal feeds may be added to increase the feed intake.
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SMS advisory

Maximum temperature is more than 32 °C, electrolytes or mineral mix in poultry and animal feeds may be added to increase the feed intake.

Nilgiris

Agro Advisory

Crop	Stage	Advisory
General	All the stage	Next five days light 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.
Carrot crop	Vegetative stage	For carrot crop, apply 78 kg urea, 200 kg super phosphate and 60 kg potash as basal application. Apply half dose of the above as top dressing at 45th day.
Plantation crops		In cardamom plantation, apply 10 tons of Farm Yard Manure, 33 kg Urea, 84 kg Super phosphate and 50 kg potash per acre during July month.
		The apt season for planting Tea seedlings. Farmers can benefit by availing Tea seedlings from Horticulture Department at subsidized rates.
Cattle		Due to light 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

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

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur & Thiruvarur

Agro-meteorological Advisory

- At active tillering stage of Kuruvai paddy, top dressing can be done with 35 kg urea and 10 kg MOP/acre by keeping thin film of water in the field. The prevailing weather condition favorable for gall midge infection in rice. It leads to the formation of onion like leaf and prevents the panicle formation. To control this apply chloropyrifos 20 EC 500 ml/ ha.
- Farmers are requested to download and utilize the agricultural based mobile apps suggested by TNAU (TNAU AAS, Meghdoot and DAMINI).
- To avoid mastitis disease in milching animals use potassium permanganate solution for cleaning the udder before and after milking.

SMS advisory

- At active tillering stage of Kuruvai paddy, top dressing can be done with 35 kg urea and 10 kg MOP/acre by keeping thin film of water in the field.

Thiruchirapalli

Tamilnadu's average rainfall is likely to be decrease than the normal during this week (04.08.2021 to 10.08.2021) From 2.22 mm to 1.70 mm. Blackgram VBN 8 seed 10 tons available in KVK, Sirugamani, Trichy – 115. Contact: 8508835287.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Due to prevailing weather leaf spot incidence may occur in blackgram. To control leaf spot spray mancozeb at 1000 g / ha at the initiation of the disease and 10 days later.
RICE	Due to prevailing weather thrips infestation may occur in paddy at nursery stage. To control thrips infestation spray thiamethoxam 25% WG 4g
COTTON	Due to prevailing weather the white fly infestation may occur in cotton. To control white fly in cotton, Spray profenophos 50% EC 1000ml/ha.
GROUNDNUT	Due to prevailing weather leaf spot disease may occur in groundnut. To control this disease spray mancozeb @1000 g/ha.
Horticulture(Varieties)	Horticulture Specific Advisory
COCONUT	To control & decreases the button shedding in coconut, Give root feeding of the coconut tonic @ 200 ml/palm at 6-month interval. Coconut tonic (Rs. 310 / litre) available at KVK, Sirugamani, Trichy – 115. Contact: 6381186765.
TAPIOCA	To control mealy bug in tapioca, Release of mealy bug parasitoid (<i>Acerophagus papayae</i>) @100 Nos./acre.
BANANA	Light to heavy wind/gust speed will expected in forthcoming days so farmers are advised to save the banana crop by using stacking method with casuarina poles.

Dindigul

THUNDERSTORM WARNING: 05.08.2021 to 07.08.2021:

Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu. Keep your Livestock / Animals safely in the shelters. Chances of Moderate rain on 4, 8 Aug & light rain on 7 Aug. Max temp- 36°C-37°C & Min temp - 24°C-25°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from W direction.

Horticulture(Varieties)	Horticulture Specific Advisory
ONION	Due to the prevailing weather condition the incense of Basal Rot is expected in Onion. The leaves turn yellow and then dry up slowly. The affected plant shows drying of leaf tip downwards. The entire plant shows complete drying of the foliage. The bulb of the affected plant shows soft rotting and the roots get rotted. There will be a whitish mouldy growth on the scale. Growers must follow crop rotation. At the initial stage of disease spray 40gm of Trichoderamma viride per tank and during severe stage of disease spray 30 gm Copper oxychloride with 10 litre of water.
Live Stock(Varieties)	Live Stock Specific Advisory

GOAT	Since the monsoon has started in some parts and expecting in other places. Goat rearers are advised to protect your goat from Enterotoxaemia disease. Vaccinate the young goat and growing kids at 6th month. Also vaccinate the animals once in a year, before the onset of monsoon and at the time of lambing stage of Goat.
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Madurai

THUNDERSTORM WARNING: 05.08.2021 to 07.08.2021:

Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu. Keep your Livestock / Animals safely in the shelters. Chances of light rain on 4, 7 Aug & Moderate rain on 8 Aug. Max temp- 36°C-37°C & Min temp - 24°C-25°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from W direction.

Horticulture(Varieties)	Horticulture Specific Advisory
BRINJAL	Due to the prevailing weather condition the incense of Bacterial Wilt is expected in Brinjal. Symptoms of Bacterial wilt are leaf surface wilting, stunting growth, yellowing of the foliage and finally collapse of the entire plant. To control, soil drenching of Trichoderma Viride @ 45 gms per 10 litre of water is recommended
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Since the monsoon has started in some parts and expecting in other places. Goat rearers are advised to protect your goat from Enterotoxaemia disease. Vaccinate the young goat and growing kids at 6th month. Also vaccinate the animals once in a year, before the onset of monsoon and at the time of lambing stage of Goat.

Pudukottai

Extended Range Forecast For Tamil Nadu 08 .08.2021 to 14.08.2021. During the Week from 01 th to 10 th August Above Normal Rainfall . maximum temperature and minimum temperature Normal is likely to occur over Tamilnadu. Since the day temperature is expected to be increased, provide enough clean water at frequent intervals to both animals and poultry.

Crop(Varieties)	Crop Specific Advisory
RICE	The prevailing weather condition favours the stem borer incidence in paddy. Place pheromone traps @ 4 / ac to control stem borer population. Also to control this, spray profenophos at 400 ml/acre.(or) Apply Cartarp hydrochloride 4 G @ 6 kg/ac for effective control of stemborer.
MAIZE	Farmers Can cultivate Maize during Adipattam (July - August). TNAU Maize hybrid Co 6 in suitable for this Before sowing Seed treatment with imidacloprid 70 ws at the rate of 10 g / kg seed and treat the seed and then sow.
Horticulture(Varieties)	Horticulture Specific Advisory

BRINJAL	Farmers are requested to take up Sowing and planting operations, especially vegetable crops like chilies, brinjal, gourd, banana and perennial crops.
TAPIOCA	Due to cloudy Weather micronutrient deficiency may occur in Tapioca under calcareous soils. Hence, spray 1% ferrous sulphate + 1% Magnesium sulphate + 0.1% urea solution under enough soil moisture condition
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.
COCONUT	Farmers are advised to apply 10 kg vermicompost + 1 kg neem cake around the coconut tree and apply irrigation twice in a week to r avoid button shedding during drought condition.
Drumstick	The prevailing weather condition is favorable for fruit fly incidence in drumstick. To control the above pest, spray of Neem Seed Kernel Extract 5% is recommended.
Others (Soil / Land Preparation) (Varieties)	Others (Soil / Land Preparation) Specific Advisory
GENERAL ADVICE	Due to low rainfall expected Irrigation may be done during early morning or late evening hours For crops that are in the flowering stage .
GENERAL ADVICE	During adipattam farmers can soak seed in one percent potassium chloride solution for 6 hours one day before sowing of quality seeds and leave to dry for 16 hours in the shade before sowing. Through this seed hardening treatment the young seedlings get uniform germination capacity and growth and the seedlings emerge and develop into active seedlings.

Ramanathapuram

From extended range forecast, above normal rainfall, Normal maximum temperature and minimum temperature expected for the period of August 8 to August 14 over Tamil Nadu. Changing weather condition is favourable for ectoparasites in livestock so apply de-ticking solution like cypermethrin 1% (clinar) externally.

Crop(Varieties)	Crop Specific Advisory
COTTON	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 chlorpyrifos 2.5ml/1 liters of water
Horticulture(Varieties)	Horticulture Specific Advisory

COCONUT	<p>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.</p> <p>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. Spraying of 5 ml of neem oil in one liter of water along with 1 ml of sandovit.</p>
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Sivagangai

THUNDERSTORM WARNING: 05.08.2021 to 07.08.2021:

Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu. Keep your Livestock / Animals safely in the shelters. Chances of light rain on 7 Aug & Moderate rain on 8 Aug. Max temp- 36°C-37°C & Min temp - 24°C-25°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from W direction.

Crop(Varieties)	Crop Specific Advisory
SUGARCANE	<p>Due to the prevailing weather the occurrence of Termites may be noticed in Sugarcane. The characteristic symptoms appears on the leaves with semi- circular feeding marks on the margin in the standing crop, Poor germination of setts (after planting), also it causes yellowing and drying of outer leaves, followed by the inner leaves. Entire shoot dries up and can be pulled out. To control, follow soil application of 30Kg of Neem Cake per acre and soil drenching of Chloriphyriphos @ 35ml with 10 litre of water.</p>
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	<p>Since the monsoon has started in some parts and expecting in other places. Goat rearers are advised to protect your goat from Enterotoxaemia disease. Vaccinate the young goat and growing kids at 6th month. Also vaccinate the animals once in a year, before the onset of monsoon and at the time of lambing stage of Goat.</p>

Theni

THUNDERSTORM WARNING: 05.08.2021 to 07.08.2021:

Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu. Keep your Livestock / Animals safely in the shelters. Chances of light rain on 7 Aug & Moderate rain on 8 Aug. Max temp- 32°C-34°C & Min temp - 22°C-24°C. Generally cloudy sky for next 5 days. Wind speed 8 kmph from W direction.

Crop(Varieties)	Crop Specific Advisory
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MAIZE	As the farmers are getting ready for sowing maize in their field, it is very important to treat the seeds before sowing. Farmers are advised to select good quality seeds suitable for their soil. Adopt the seed rate @ 20 kg per hectare for hybrids and 25 kg per hectare for varieties. Adopt a spacing of 45 cm between rows and 20 cm between plants in the row. Seeds treated with fungicides may be treated with three packets (1600 gms per hac) of Azospirillum. Dibble or drill the seeds at a depth of 4 cm.
Live Stock(Varieties)	Live Stock Specific Advisory
GOAT	Since the monsoon has started in some parts and expecting in other places. Goat rearers are advised to protect your goat from Enterotoxaemia disease. Vaccinate the young goat and growing kids at 6th month. Also vaccinate the animals once in a year, before the onset of monsoon and at the time of lambing stage of Goat.

Virudhunagar District

Crop/ Ecosystem	Stage / Activities	Advisories
Block level Weather forecast		Thunderstorm with Light to moderate rain is likely to occur on Day5 (07.08.21). Day 3(05.08.2021) to Day 5(07.08.2021): Thunderstorm with lightning is likely to occur at isolated places. 9-21 km/hr. of wind speed is predicted for block level.
Irrigated crops	Water management	As dry weather and high wind speed will increase the evapotranspiration. Hence, Irrigation may be given.
Onion		Hot and humid climate with temperature ranging from 21-30°C and high relative humidity (80-90%) favour the development of purple blotch diseases. To control give foliar spray either Mancozeb or ridomil @2 gm /litre of water.
Livestock protection	Poultry	Ranikhet Disease: viral disease of poultry affecting all ages of domestic fowl characterized by the rapid onset, respiratory signs, nervous signs and high mortality. The virus spread mainly through aerosol route and by Ingestion of contaminated feed and water. Prevention: Periodical vaccination should be followed. Poultry farmers can vaccinate their birds at nearby veterinary Dispensary where vaccination programme for Rainkhet disease in being carried out on every Saturday.

SMS: Rain: 08.08.2021 – 5 mm. Irrigation may be given. Onion - purple blotch diseases, foliar spray either Mancozeb or ridomil @2 gm /litre of water.

Tirunelveli District

Crop/ Ecosystem	Stage / Activities	Advisories
Block level Weather forecast		Light rain is likely to occur at isolated places on Day1 (03.08.21) and Day2 (04.08.21). Thunderstorm with Light rain is likely to occur at isolated places on

		Day3 (05.08.21) and Day4 (06.08.21). Thunderstorm with Light to moderate rain is likely to occur over Tirunelveli district of Tamil Nadu on Day5 (07.08.21). 14-30 km/hr. block level wind speed is predicted.
Irrigated crops	Water management	Irrigation may be given
Plant protection		As the relative humidity is predicted to be high, disease incidence may emergence. So farmers are advised to go for plant protection measures according to the crop after consulting with the Agricultural scientist.
Rice	Tillering stage	Prevailed weather is conducive for Leaf folder. So farmers are advised to spray Azadirachtin 0.03% 1000ml/ha. (or) Chlorontrinirole 18.5%SC @ 150g/ha. (or) Thiamethoxam 25% WG @ 100g/ha.
Cotton	Vegetative stage	Prevailing weather is conducive for Aphids. To control spray Dimethoate 30 EC 500ml/ha (or) Azadirachtin 0.03% EC 500 ml/ha
Banana	Bunch development and harvest stage	High wind speed may damage the crop; hence farmers are requested to provide support to bunch (propping).
Dry land cultivation	Crop residue recycling	In order to improve the soil quality recycles the residues of harvested crops of maize, sorghum and pulses. Use rotovator or roto-slasher for cutting the residues into small pieces and incorporate them into the soil.

SMS: Rain: 06,07&08.08.2021 – 2,4&8 mm. Irrigation may be provided. Cotton- Aphids - To control spray Dimethoate 30 EC @500ml/ha (or) Azadirachtin 0.03% EC @500 ml/ha.

Thoothukudi District

Crop/ Ecosystem	Stage / Activities	Advisories
Block level Weather forecast		Light rain is likely to occur at isolated places on Day1 (03.08.21) and Day2 (04.08.21). Thunderstorm with Light rain is likely to occur at isolated places on Day3 (05.08.21) and Day4 (06.08.21). Thunderstorm with Light to moderate rain is likely to occur over Thoothukudi district of Tamil Nadu on Day5 (07.08.21). 17-29 km/hr. wind speed is predicted for block level
Irrigated crops	Water management	Provide Irrigation.
Paddy	Vegetative to Tillering stage	Prevailed weather is conducive for Leaf folder. So farmers are advised to spray Azadirachtin 0.03% 1000ml/ha. (or) Chlorontrinirole 18.5%SC @ 150g/ha. (or) Thiamethoxam 25% WG @ 100g/ha. The prevailing weather condition is conducive for incidence of Stem borer. Spray Azadirachtin 0.03% 1000 ml/ha (or) Carbofuran% 3 G @25 kg/ha (or) Chlorantraniliprole 18.5% SC 150 ml/ha
Dry land cultivation	Crop residue recycling	In order to improve the soil quality recycles the residues of harvested crops of maize, sorghum and pulses. Use rotovator or roto-slasher for cutting the residues into small pieces and incorporate them into the soil.
Banana	Bunch	High wind speed may damage the crop; hence farmers are requested

	development and harvest stage	to provide support to bunch (propping).
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SMS: Rain: 08.08.2021 – 3 mm. Irrigation may be given. Paddy- Leaf folder. spray Azadirachtin 0.03% 1000ml/ha. (or) Chlorontrinirole 18.5%SC @ 150g/ha.

Tamil Nadu		
Next five days	Weather Warning	Light rain is likely to occur at isolated places over Nilgiris, Coimbatore, Salem, coastal Tamil Nadu, Puducherry and Karaikal. Mainly dry weather is likely to prevail over rest Tamilnadu on Day 1 (03.08.2021) and Day 2 (04.08.2021). Thunderstorm with Light rain is likely to occur at isolated places over Nilgiris, Coimbatore, Salem, coastal Tamil Nadu and adjoining districts of Tamil Nadu, Puducherry and Karaikal. Mainly dry weather is likely to prevail over rest Tamilnadu on Day 3 (05.08.2021) and Day 4 (06.08.2021). Thunderstorm with Heavy rain is likely to occur at isolated places over Nilgiris district of Tamil Nadu. Thunderstorm with Light to moderate rain is likely to occur over rest western Ghat districts, coastal Tamil Nadu and interior districts of Tamil Nadu on Day 5 (07.08.2021).
	Heavy Rainfall Warning	Day 5 (07.08.2021): Thunderstorm with Heavy rain is likely to occur at isolated places over Nilgiris district of Tamilnadu.
	Thunderstorm Warning	Day 3(05.08.2021) to Day 5(07.08.2021): Thunderstorm with lightning is likely to occur at isolated places over Tamilnadu.
Extended range of forecast		weather forecast (rainfall) for 08 August 2021- 14 August 2021 is found above normal.

Kanyakumari

AGRO ADVISORIES

S. N.	CROP	STAGES	ADVISORIES
1.			There are possibilities of rainfall on 04.08.21 and 06.08.21. Maximum temperature will be around 32°C and minimum temperature will be around 24°C. Cloudy condition may prevail. The relative humidity will be 50 to 90 %. Wind speed may be 20 km / hr in West direction.
2.	Horticultural crops.	Planting stage.	As 20 km/hr wind speed is anticipated, it is advised to provide staking to newly planted horticultural plants.
3	Jasmine	Vegetative stages	Apply 10 g of Phorate granules near root zone and irrigate to control the nematode pest.
4.	Horticultural crops	Young plants	Irrigate the newly planted fruit trees and tree spices due to low rainfall.

5.	Paddy	Tillering stage	Due to the prevailing weather conditions, there are chances for increase in the severity of infection of rice stem borer and leaf folder. Hence, spraying of chlorantriliprole 0.3 ml/litre or flubendiamide 0.1ml/litre is essential for their management.
6.	Coconut	All stages	For nut bearing coconut root feeding of TNAU coconut tonic @ 200 ml per tree.

SMS Advisory

As 20 km/hr wind speed is anticipated, it is advised to provide staking to newly planted horticultural plants.

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	Sowing of the pulses and millets can be taken up by utilising the expected rainfall
Maize	Vegetative	In maize (15 -20 days) to control fall army worm spray Chlorantraniliprole 18.5 SC- 4ml/ 10 lit (or flubendimide 20 WG – 5 gm/ 10 lit) of water in whorl region using hand sprayer.
Cotton	Vegetative	In cotton at vegetative stage for the management of sucking pest spray acetamiprid 50 sp @ 50gm / ha or imidacloprid 17 sl @ 125 ml / ha.
Citrus	Vegetative	Prevailing weather condition is suitable for the incidence of canker in leaf and fruits of citrus. The application of copper oxy chloride @0.2% and streptomycin sulphate @ 1 gm/lit of water is recommended. For the incidence of mite in citrus fruits, propargite @ 1ml/lit of water is advisable.
Groundnut	Vegetative	In groundnut, the incidence of leaf miner will be observed, for which chlorpyrifos 20 EC@ 2.5 ml /lt or Acephate 75 SP @ 2 gm / lt of water is recommended.
Small onion	Vegetative	In small onion, Thrips are seems mostly so, clean cultivation, regular hoeing. Flooding of infested field will check the thrips population.
Tapioca	Vegetative	The incidence of mealy bug will be noted during this weather condition. The mealy bug incidence may be managed by application of Thiodicarb 75 WP @ 5gm/lit or acephate 75 SP 1 gm /lt of water is recommended.
Poultry	Young	During brooding of young chicks in brooder, artificial heat should be given by using incandescert bulb at the rate of 2 watt / chick.Silpaulins / tarpaulins should be placed on either sideof poultry house to present entry of rain water inside the shed.
Livestock	Cattle	In rainy season management practices shouldbe followed to prevent stagnation of water in cattle shed. The floor of cattle shed should be

		clean and dry. Potassium permanganate solution should be used for washing of udder and hands of milkman before and after milking to prevent mastitis.
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Namakkal

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, poultry & Crop	Stage	Weather advisory
Livestock	General	<p>Due to prevailing weather condition, livestock are likely to be affected with infectious diseases. Hence, cattle rearing farmers are advised to feed their adult cattle with 50 gm of mineral mixture per day.</p> <p>Also deworm young calves and adults at regular schedule with the support of nearby veterinarian.</p> <p>To get high milk yield during lactation, the milch animal should be properly fed and necessary care and managerial practices should be followed. Provide green succulent forage together with leguminous hay or straw to the extent of animal can consume, so that its maintenance requirements met through forage only. At the same time, feeding of young succulent forage alone may depress milk fat content.</p> <p>Extra concentrate at the rate of 1 kg should be provided for every 2 to 2.5 liters of milk yield.</p> <p>Concentrate mixture is fed before milking, where as roughages to be fed after milking.</p>
Poultry and Livestock	General	<p>Control of flies in poultry and livestock farms</p> <p>In Tamil Nadu, during monsoon season rainy days interspersed with a day of sunshine. This favours fly population to increase at a faster pace, and hence fly menace will be high in the forthcoming months. Necessary fly control measures with special attention for farm sanitation.</p>
Ethno Veterinary Herbal Research Centre for Poultry, Namakkal		
Poultry	Adult birds	<p>Ethno Veterinary practices to control lice infestation in native chicken</p> <p>Take 10 sticks of Vasambu (Acorus calamus), powder it and mix with 5 litres of water and dip the affected hen sparing the head. The same ratio should be sprayed around the poultry pen to kill the nits.</p> <p>The procedure must be repeated after a week for complete eradication of lice.</p> <p>Brooding hens should not be dipped, instead vasambu powder can be mixed with equal quantity of ash and dusted all over the body.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Castor	Flowering stage	Wilt disease occurred in castor crop some places. Hence farmers are advised root drenching of copper oxy chloride @ 2 gram / litre of water to control it.
Groundnut	Flowering stage	Groundnut growers are requested to give foliar spraying with Groundnut rich @ 2 kg / acre at flowering and pod initiation stage in 200 liters of water along with sticking agent.
Vegetables	Sowing	Wind speed will be high in forthcoming days. Hence, the vegetable growers are advised to sow either castor/ sesbania or sithagathi seed around the field as a border crop @ 7 feet interval to prevent flower and fruit drop in vegetable crops.

Small onion	Vegetative	To improve the bulb yield of onion give foliar spraying with Arka microbial consortia @ 20 gram / litre of water.
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Dharmapuri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, Poultry and Crop	Stage	Weather advisory
Agro advisory from Krishi Vigyan Kendra, Dharmapuri :		
Coconut	All	To control button shedding in coconut trees, give root feeding of TNAU coconut tonic @ 200ml/tree 6 months interval.
Groundnut	Flowering	This is right time for spraying of TNAU ground nut rich 2 Kg /acre in 200 liters of water for the groundnut crops which is in flowering stage and apply gypsum 400 kg/ha at 45th day after sowing.
Tapioca	Vegetative	<p>Management practices to be followed on tapioca mealy bug affected plant:</p> <ol style="list-style-type: none"> 1. Infected shoots should be removed. 2. Collect infected dry plants and discard or burn away from the field. <p>In early stage of infection, any one of the following insecticide can be sprayed:</p> <ol style="list-style-type: none"> 1. Azadirachtin 0.15 % @ 5.0 ml/ litre of water 2. Fish oil resin soap @ 2.0 ml/ litre of water <p>Any one of the following insecticide can be sprayed on rotation basis as and when required:</p> <ol style="list-style-type: none"> 1. Thiamethoxam 25 WG @ 0.5 gram /litre of water 2. Flonicamid 50 WG @ 0.3 gram/ litre of water 3. Spirotetramat 150 OD @ 1.25 ml / litter of water.
Livestock	General	During this season peste des petits ruminants in goat, blue tongue disease in sheep vaccination are suggested
		Farmers are advised to preserve the green fodder as silage making for preventing scarcity of green fodder during summer and also to feed concentrate.

Krishnagiri

Weather Advisory Bulletin for livestock, poultry and agriculture

Livestock, poultry & Crop	Stage	Weather advisory
Livestock	General	Due to prevailing weather condition, livestock are likely to be affected with infectious diseases. Hence, cattle rearing farmers are advised to feed their adult cattle with 50 gm of mineral mixture per day.

		<p>Also deworm young calves and adults at regular schedule with the support of nearby veterinarian.</p> <p>To get high milk yield during lactation, the milch animal should be properly fed and necessary care and managerial practices should be followed. Provide green succulent forage together with leguminous hay or straw to the extent of animal can consume, so that its maintenance requirements met through forage only. At the same time, feeding of young succulent forage alone may depress milk fat content.</p> <p>Extra concentrate at the rate of 1 kg should be provided for every 2 to 2.5 liters of milk yield.</p> <p>Concentrate mixture is fed before milking, where as roughages to be fed after milking.</p>
Poultry and Livestock	General	<p>Control of flies in poultry and livestock farms</p> <p>In Tamil Nadu, during monsoon season rainy days interspersed with a day of sunshine. This favours fly population to increase at a faster pace, and hence fly menace will be high in the forthcoming months. Necessary fly control measures with special attention for farm sanitation.</p>
Ethno Veterinary Herbal Research Centre for Poultry, Namakkal		
Poultry	Adult birds	<p>Ethno Veterinary practices to control lice infestation in native chicken</p> <p>Take 10 sticks of Vasambu (Acorus calamus), powder it and mix with 5 litres of water and dip the affected hen sparing the head. The same ratio should be sprayed around the poultry pen to kill the nits.</p> <p>The procedure must be repeated after a week for complete eradication of lice.</p> <p>Brooding hens should not be dipped, instead vasambu powder can be mixed with equal quantity of ash and dusted all over the body.</p>
Agro advisory from Krishi Vigyan Kendra, Namakkal :		
Castor	Flowering stage	Wilt disease occurred in castor crop some places. Hence farmers are advised root drenching of copper oxy chloride @ 2 gram / litre of water to control it.
Groundnut	Flowering stage	Groundnut growers are requested to give foliar spraying with Groundnut rich @ 2 kg / acre at flowering and pod initiation stage in 200 liters of water along with sticking agent.
Vegetables	Sowing	Wind speed will be high in forthcoming days. Hence, the vegetable growers are advised to sow either castor/ sesbania or sithagathi seed around the field as a border crop @ 7 feet interval to prevent flower and fruit drop in vegetable crops.
Small onion	Vegetative	To improve the bulb yield of onion give foliar spraying with Arka microbial consortia @ 20 gram / litre of water.

BLOCK LEVEL FORECAST

TIRUCHIRAPPALLI District

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

Tamilnadu's average rainfall is likely to be decrease than the normal during this week (04.08.2021 to 10.08.2021) From 2.22 mm to 1.70 mm. Blackgram VBN 8 seed 10 tons available in KVK, Sirugamani, Trichy – 115. Contact: 8508835287.

Crop(Varieties)	Crop Specific Advisory
BLACK GRAM	Due to prevailing weather leaf spot incidence may occur in blackgram. To control leaf spot spray mancozeb at 1000 g / ha at the initiation of the disease and 10 days later.
RICE	Due to prevailing weather thrips infestation may occur in paddy at nursery stage. To control thrips infestation spray thiamethoxam 25% WG 4g
COTTON	Due to prevailing weather the white fly infestation may occur in cotton. To control white fly in cotton, Spray profenophos 50% EC 1000ml/ha.
GROUNDNUT	Due to prevailing weather leaf spot disease may occur in groundnut. To control this disease spray mancozeb @1000 g/ha.
Horticulture(Va rieties)	Horticulture Specific Advisory
COCONUT	To control & decreases the button shedding in coconut, Give root feeding of the coconut tonic @ 200 ml/palm at 6-month interval. Coconut tonic (Rs. 310 / litre) available at KVK, Sirugamani, Trichy – 115. Contact: 6381186765.
TAPIOCA	To control mealy bug in tapioca, Release of mealy bug parasitoid (Acerophagus papayae) @100 Nos./acre.
BANANA	Light to heavy wind/gust speed will expected in forthcoming days so farmers are advised to save the banana crop by using stacking method with casuarina poles.

NILGIRIS DISTRICT

Coonoor, Gudalur, Kotagiri and Ooty Blocks

Agro Advisory

Crop	Stage	Advisory
General	All the stage	Next five days light 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.

Carrot crop	Vegetative stage	For carrot crop, apply 78 kg urea, 200 kg super phosphate and 60 kg potash as basal application. Apply half dose of the above as top dressing at 45th day.
Plantation crops		In cardamom plantation, apply 10 tons of Farm Yard Manure, 33 kg Urea, 84 kg Super phosphate and 50 kg potash per acre during July month.
		The apt season for planting Tea seedlings. Farmers can benefit by availing Tea seedlings from Horticulture Department at subsidized rates.
Cattle		Due to light 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

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