



जिला स्तर तमिलनाडु के लिए कृषि मौसम सलाहकार बुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 087 /2015

For the period 0830 IST, 30th October 2015 to

0830 IST, 03rd November 2015

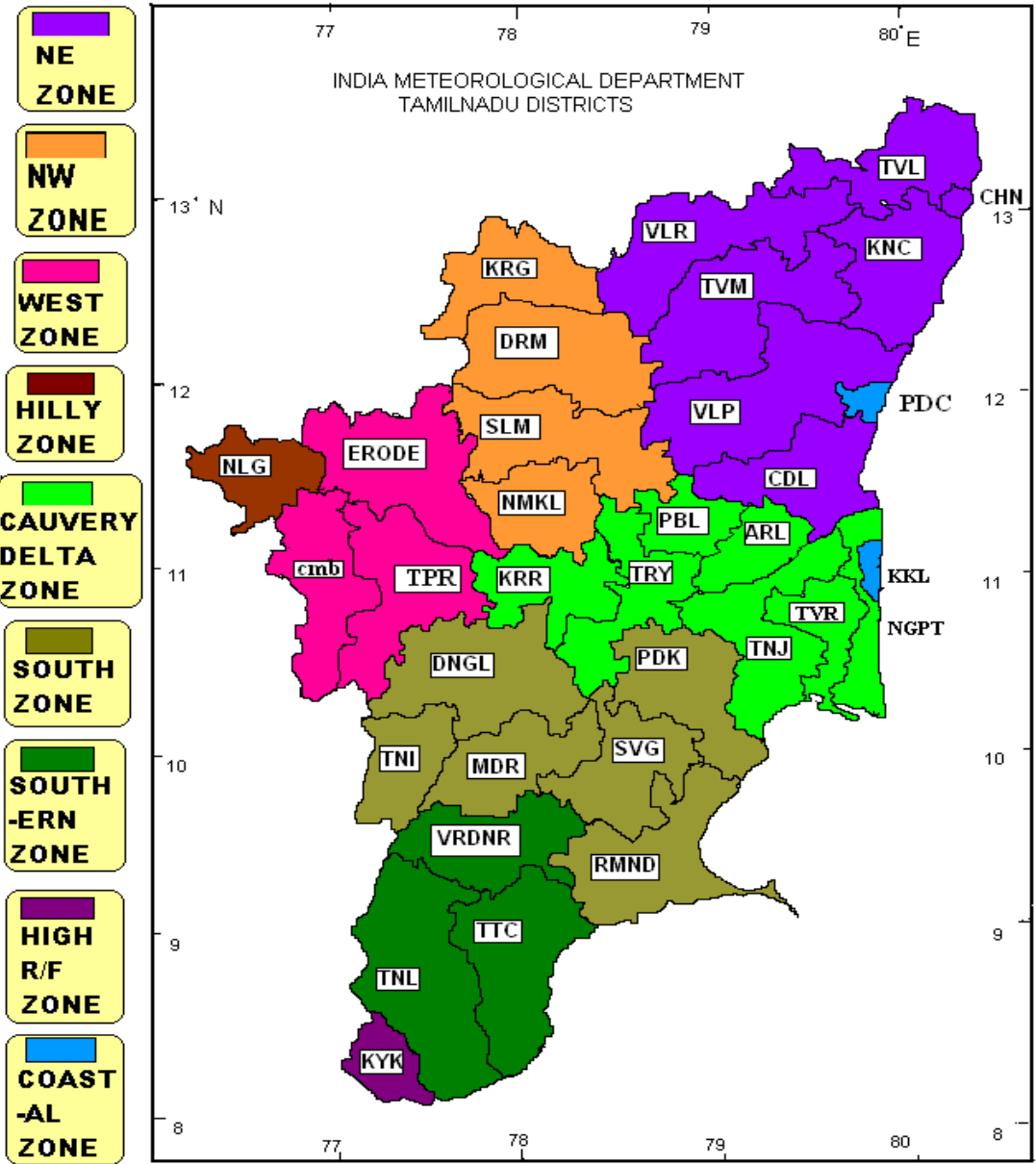
Issued on Friday, 30th October 2015

Issued by

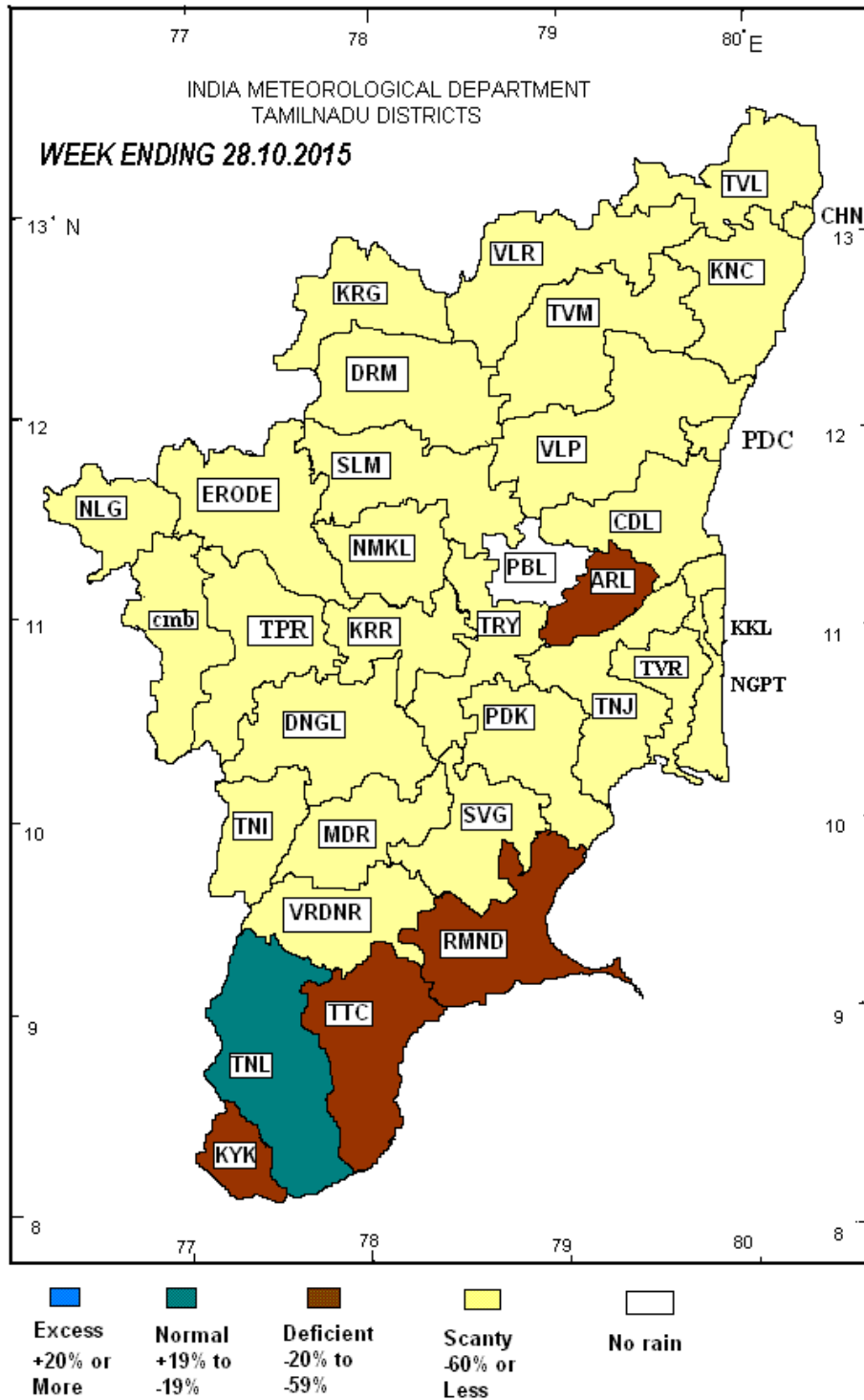
DDGM, Regional Meteorological Centre, India Meteorological Department,
Chennai in collaboration with TNAU and nine AMFU's of Agro climatic Zones of
the Tamil Nadu state

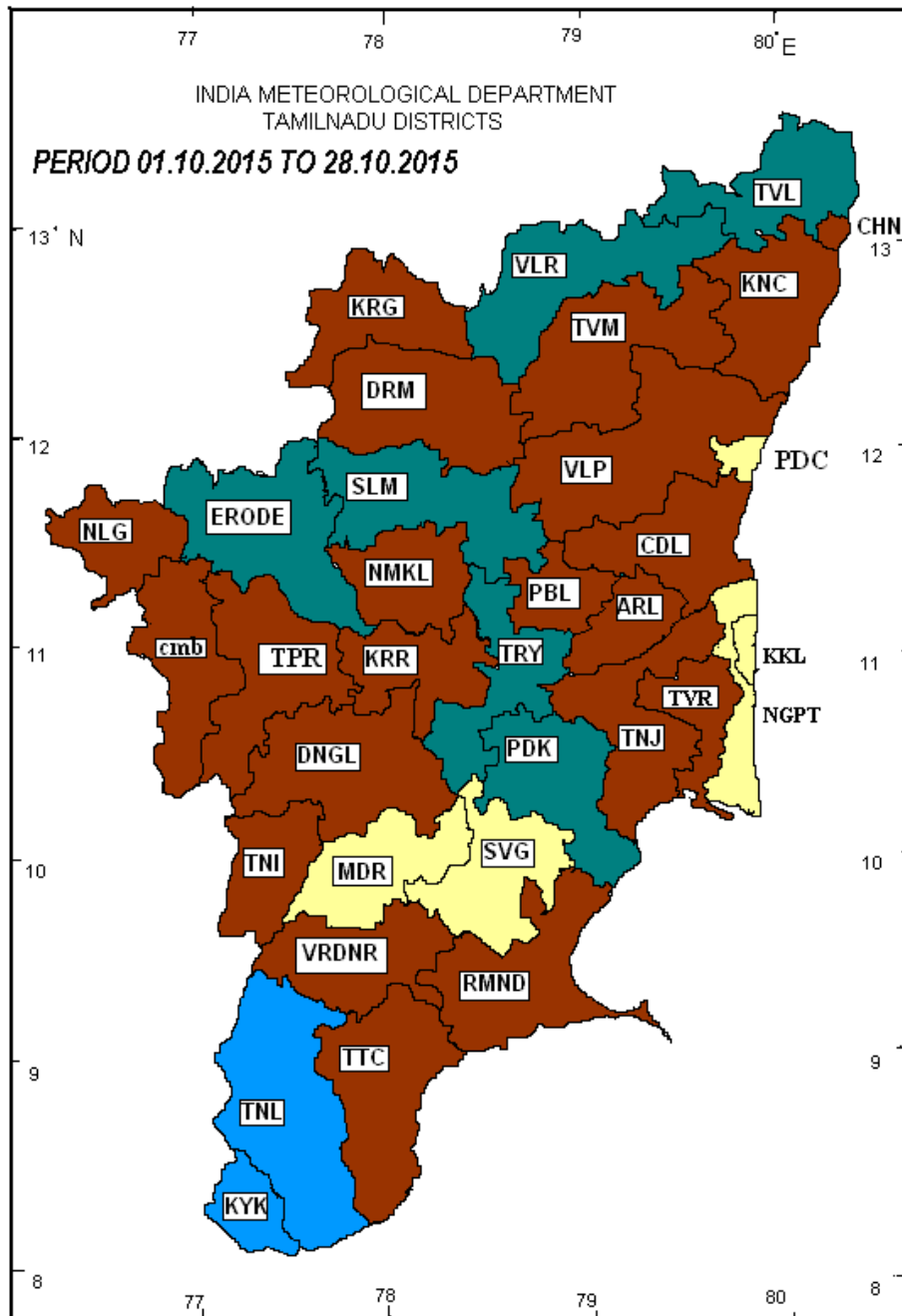
Agro climatic zones of the state

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, Tiuppur and Coimbatore,	Coimbatore,
4	Cauvery Delta zone	Thanjavur, Nagapattinam, Thiruvarur, Karur, Perambalur, Ariyalur and Tiruchirapalli.	Adudurai
5	Southern zone	Virudhunagar, Tirunelveli and Toothugudi	Kovilpatti
6	South Zone	Pudukottai, 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



Percentage Departure Of Rainfall

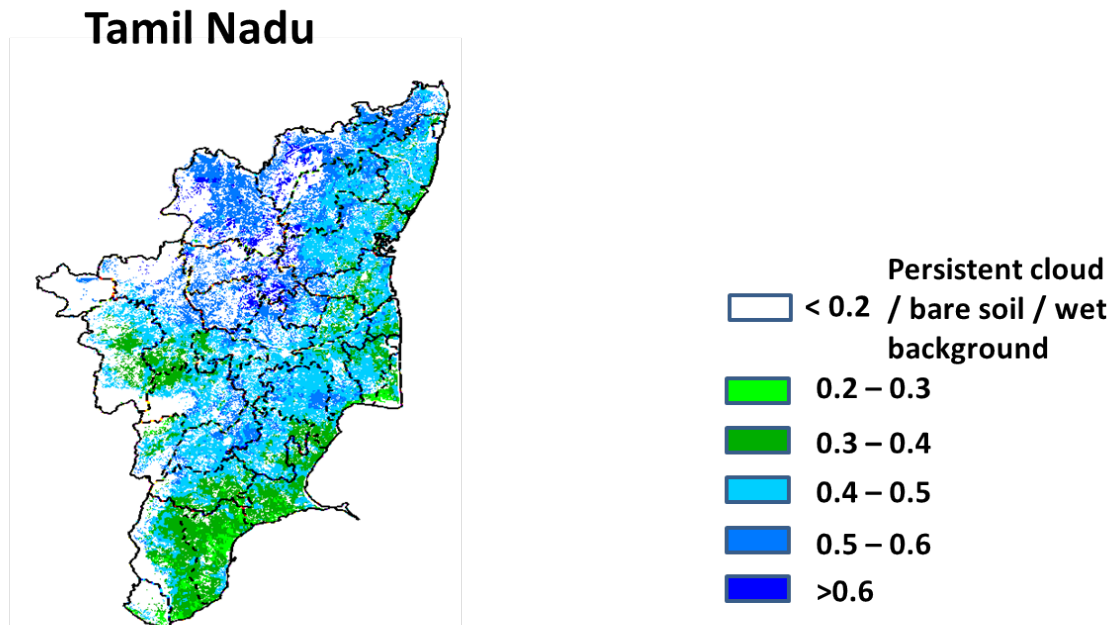




Normalised Difference Vegetation Index

NDVI Map

28 October 2015



Agricultural vigour is good over Tamil Nadu with NDVI values varying from 0.4 - 0.6 whereas normal values of NDVI (0.2 – 0.3) are observed in southern and western part of the state.

Past Weather Summary for the period 27.10.15 to 29.10.15 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 29°C – 34 °C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 16°C – 20°C during the period.

Minimum temperature of range 21°C - 27°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 10°C - 12°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	--	--
Fairly widespread (Many places)	28.10.15 29.10.15	Coastal Tamilnadu Tamilnadu
Scattered (Few Places)	28.10.15 28.10.15 & 29.10.15	Interior Tamilnadu Puducherry
Isolated (Isolated Places)	27.10.15	Tamilnadu
Dry	27.10.15	Puducherry

Chief Amounts of Rainfall (in cms):-

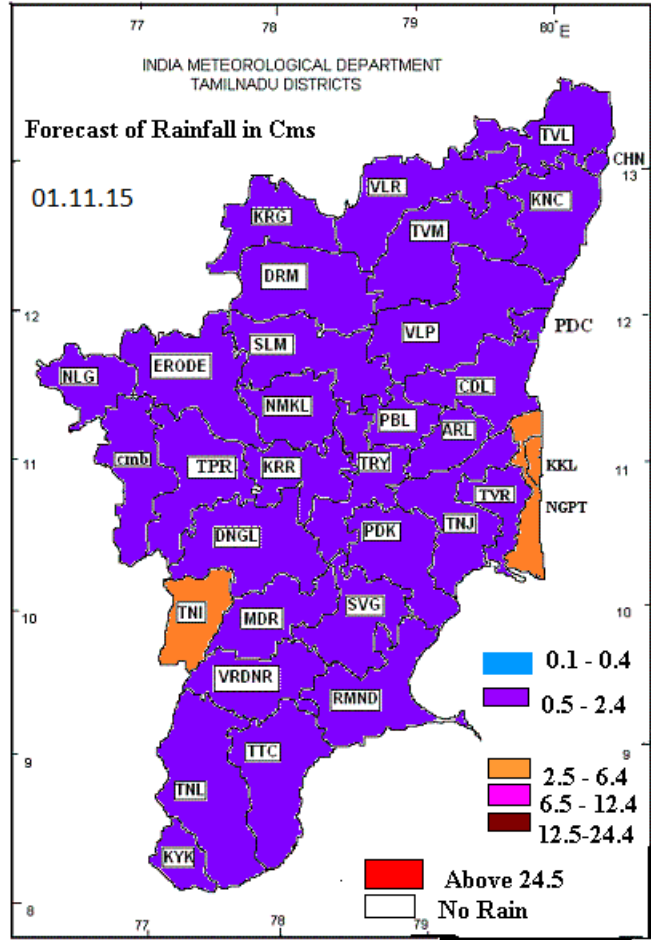
27.10.15: Ponneri (Tiruvallur Dist), Red hills (Tiruvallur Dist), Satankulam (Toothukudi Dist) 1 each.

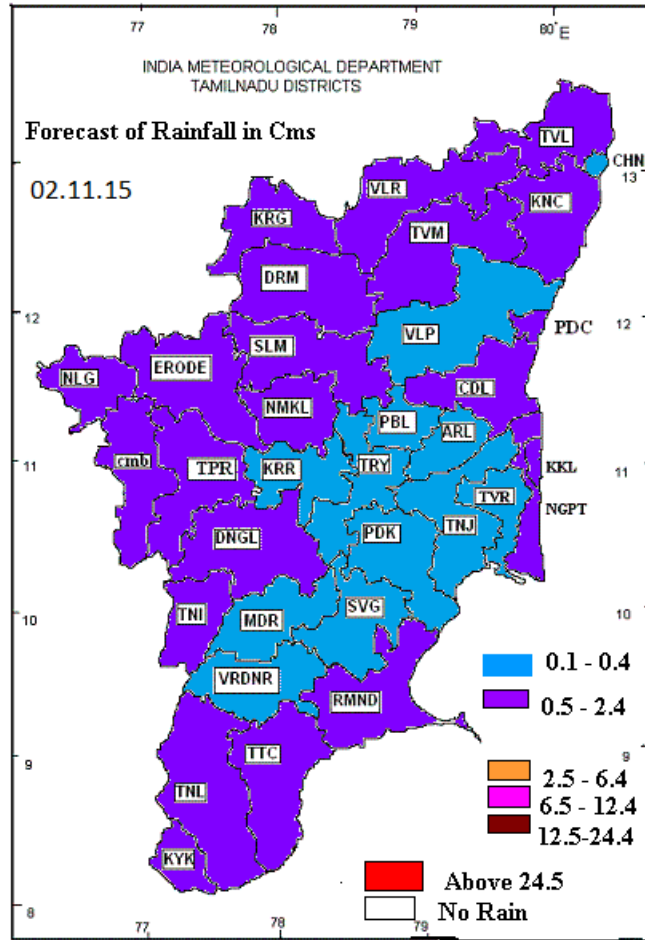
28.10.15: Vallam (Thanjavur Dist) 9, Tambaram (Kancheepuram Dist), Mettupalayam (Coimbatore Dist) 7 each, Chembarabakkam (Tiruvallur Dist) 5, Papanasam (Tirunelveli Dist), Sendurai (Ariyalur Dist), Ariyalur (Ariyalur Dist) 4 each, Mahabalipuram (Kancheepuram Dist), Krishnagiri (Krishnagiri Dist), R.s.mangalam (Ramanathapuram Dist), Tiruvaiyaru (Thanjavur Dist), Thuvakudi IMTI (Trichy Dist), Mylaudy (Kanyakumari Dist), Mettur (Salem Dist), Tiruchirappalli AP (Trichy Dist) 3 each, Thirumanur (Ariyalur Dist), Thanjavur (Thanjavur Dist), Kumarapalayam (Namakkal Dist), Namakkal (Namakkal Dist), Tirukattupalli (Thanjavur Dist), Bhavani (Erode Dist), Paramathivelur (Namakkal Dist), Virudachalam (Cuddalore Dist), Pondicherry (Puducherry Dist), Trp town (Trichy Dist), Denkanikottai (Krishnagiri

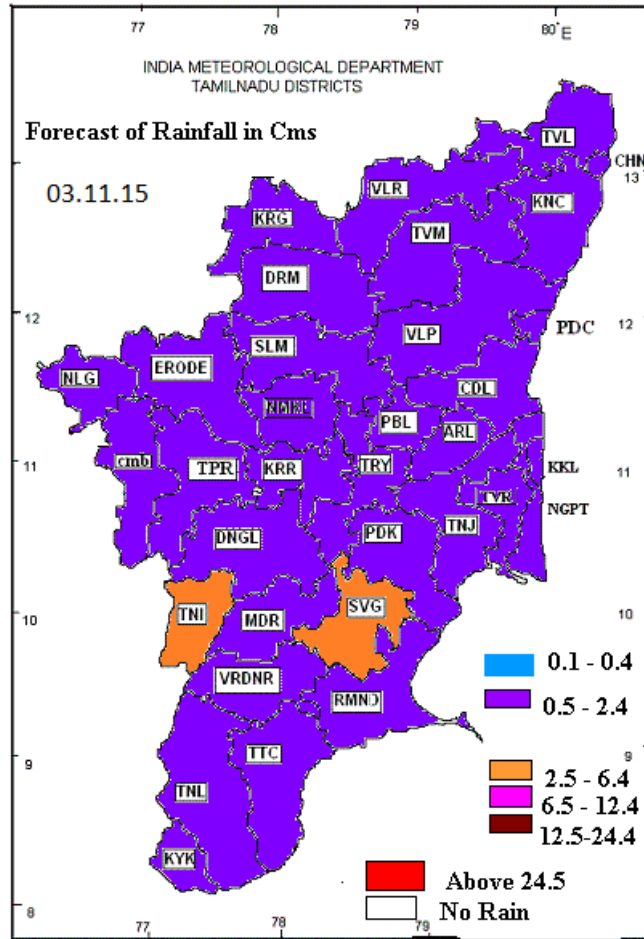
Dist) 2 each, Cuddalore (Cuddalore Dist), Naduvattam (Nilgiris Dist), Tiruvadanai (Ramanathapuram Dist), Pullambadi (Trichy Dist), Chennai AP (Kancheepuram Dist), Erode (Erode Dist), Pamban (Ramanathapuram Dist), Maduranthagam (Kancheepuram Dist), Kelambakkam (Kancheepuram Dist), Cheyyur (Kancheepuram Dist), Gandarvakottai (Pudukkottai Dist), Illuppur (Pudukkottai Dist), Poonamallee (Tiruvallur Dist), Samayapuram (Trichy Dist), Ramanathapuram (Ramanathapuram Dist), Orthanad (Thanjavur Dist), Thiruvaidaimaruthur (Thanjavur Dist), Tindivanam (Villupuram Dist), Kumbakonam (Thanjavur Dist), Rameswaram (Ramanathapuram Dist), K.m.koil (Cuddalore Dist), Shoolagiri (Krishnagiri Dist), Tondi (Ramanathapuram Dist), Mayanur (Karur Dist), Anaikaranchatram(KolliDam (Nagapattinam Dist), Tirukoilur (Villupuram Dist), Hogenekal (Dharmapuri Dist), Chengalpattu (Kancheepuram Dist), Thiruthuraipoondi (Tiruvarur Dist), Barur (Krishnagiri Dist) 1 each.

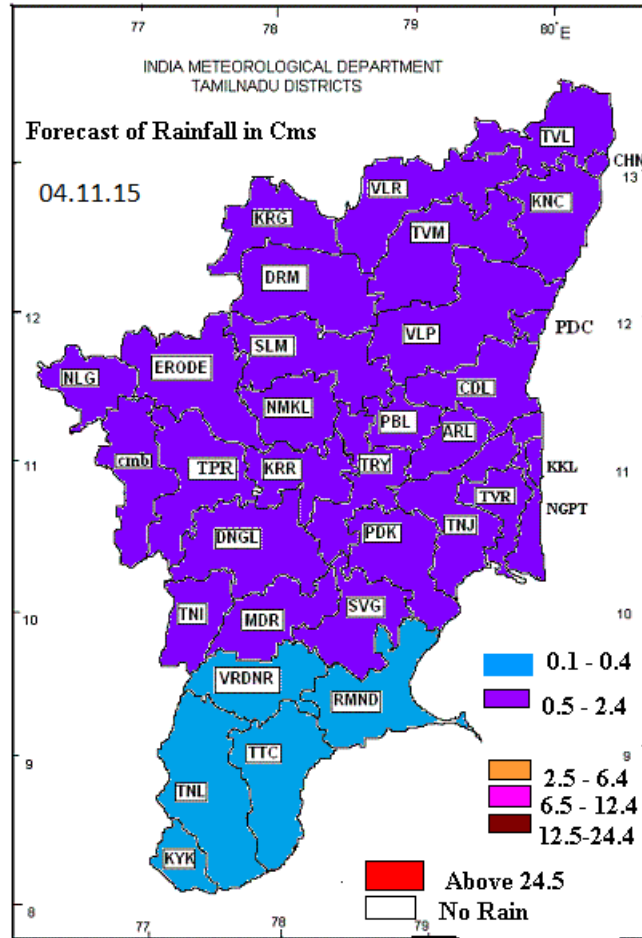
29.10.15 : Mylaudy (Kanyakumari Dist), Ayikudi (Tirunelveli Dist) 8 each, Pechiparai (Kanyakumari Dist) 7, Thenkasi (Tirunelveli Dist), Virudhunagar (Virudhunagar Dist) 6 each, Palayamkottai (Tirunelveli Dist), Papanasam (Tirunelveli Dist), Eraniel (Kanyakumari Dist), Sivagiri (Tirunelveli Dist), Valparai pto (Coimbatore Dist) 5 each, Sattur (Virudhunagar Dist), Aranmanaipudur (Theni Dist), Thuvakudi IMTI (Trichy Dist), Pollachi (Coimbatore Dist), Kodavasal (Tiruvarur Dist), Colachel (Kanyakumari Dist) 4 each, Periyar (Theni Dist), Srivaikuntam (Toothukudi Dist), Alangayam (Vellore Dist), Kuzhithurai (Kanyakumari Dist), K.paramathi (Karur Dist), Cholavaram (Tiruvallur Dist), Nagercoil (Kanyakumari Dist), Manapparai (Trichy Dist), Omalur (Salem Dist), Uttamapalayam (Theni Dist), Erode (Erode Dist), Red hills (Tiruvallur Dist), Kanyakumari (Kanyakumari Dist) 3 each, Shencottah (Tirunelveli Dist), Thuckalay (Kanyakumari Dist), Tirukattupalli (Thanjavur Dist), Mayanur (Karur Dist), Sankarankoil (Tirunelveli Dist), Illuppur (Pudukkottai Dist), Rajapalayam (Virudhunagar Dist), Venbavur (Perambalur Dist), Yercaud (Salem Dist), Kumbakonam (Thanjavur Dist), Bhoothapandy (Kanyakumari

Dist), Bodinaickanur (Theni Dist), Kovilpatti (Toothukudi Dist), Thalavadi (Erode Dist), Pamban (Ramanathapuram Dist), Chennai(N) (Chennai Dist), Valangaiman (Tiruvarur Dist), Grand anaicut (Thanjavur Dist) 2 each, Sirkali (Nagapattinam Dist), Rasipuram (Namakkal Dist), R.k.pet (Tiruvallur Dist), Kulithalai (Karur Dist), Srivilliputhur (Virudhunagar Dist), Chennai AP (Kancheepuram Dist), Salem (Salem Dist), Dindigul (Dindigul Dist), Pondicherry (Puducherry Dist), Penucondapuram (Krishnagiri Dist), Anaikaranchatram(KolliDam (Nagapattinam Dist), Chettikulam (Perambalur Dist), Thathiengrpet (Trichy Dist), Vaniaymbadi (Vellore Dist), Sathyamangalam (Erode Dist), Vadipatti (Madurai Dist), Namakkal (Namakkal Dist), Naduvattam (Nilgiris Dist), Gudalur (Theni Dist), Kalugumalai (Toothukudi Dist), Panchapatti (Karur Dist), Papanasam (Thanjavur Dist), Cheranmahadevi (Tirunelveli Dist), Ambasamudram (Tirunelveli Dist), Mannargudi (Tiruvarur Dist), Samayapuram (Trichy Dist), Thirumanur (Ariyalur Dist), Tirumangalam (Madurai Dist), Vedaranyam (Nagapattinam Dist), Manimutharu (Tirunelveli Dist), Cheyyur (Kancheepuram Dist), Thogamalai (Karur Dist), Alangudi (Pudukkottai Dist), Nanguneri (Tirunelveli Dist), Chembarabakkam (Tiruvallur Dist), Orthanad (Thanjavur Dist), NeeDamangalam (Tiruvarur Dist), JayamkonDam (Ariyalur Dist), Poonamallee (Tiruvallur Dist), Anna University (Chennai Dist), Barur (Krishnagiri Dist), Rameswaram (Ramanathapuram Dist), Keeranur (Pudukkottai Dist), Valparai taluk office (Coimbatore Dist), Maniyachi (Toothukudi Dist), Lalgudi (Trichy Dist), Marakkanam (Villupuram Dist), Vilupuram (Villupuram Dist), Nagapattinam (Nagapattinam Dist), Trp town (Trichy Dist) 1 each.









Districtwise Agromet Advisories

Chennai , Kancheepuram , Villupuram , Thiruvannamalai , Thiruvallur ,vellore & Cuddalore

Livestock:

Moderate rainfall is expected for the next five days.

During rainy time kids, lambs and calves are to be protected from rain.

Due to the expected rainfall, farmers are advised to safeguard the dry fodders for their livestock.

Feed ingredient for the concentrate feed should be stored in rainproof areas to avoid development of aflatoxin.

Animal shed roofs should be repaired to avoid rain water getting into the sheds.

Sheep, goats and young calves should be dewormed by using suitable anthelmintics.

In case of poultry, farmers are advised to provide clean drinking water to avoid E.coli infection

Agriculture (Krishi Vigyan Kendra, Kattupakkam)

Imp.Crops: Rice, Sugarcane and Groundnut

Since moderate to heavy rain is expected during the next five days farmers are advised to defer fertilizer application for crops.

Farmers are advised to take suitable measures to save the rainwater (Rainwater harvesting). The Paddy growing areas, Brown spot incidence was observed. Hence, farmers are advised to spray mancozeb (2.0g/lit) 2 to 3 times at 10 - 15 day intervals, based on the intensity of disease. In chillies to manage fruit borers set up pheromone traps @ 5/acre to attract adult moths

Karaikal

Farmers are requested to take up line planting in North – South direction with spacing of 20x10 cm for medium duration rice variety.

For one hectare of rice, a basal dose of 80 kg of urea, 300 kg of super phosphate, 20 kg of potash and 25 kg of ZnSO₄ (separately) may be applied before planting.

To manage weeds in transplanted rice apply Butachlor 2.5 litre per hectare at 3 days after transplanting. Under direct sown condition of rice apply Pendimethalin @ 3.0 l/ha at 5 days after germination or Pretilachlor + safener (Sofit) 1.50 l/ha. Post emergence herbicide Bispiribac Sodium (Nominee gold / Adora) @ 200 g/ha or Cyalapof (Clincher) @ 100g/ha may be applied at 20 days after germination.

Puducherry

Farmers are requested to take up line planting in North – South direction with spacing of 20x10 cm for medium duration rice variety.

For one hectare of rice, a basal dose of 80 kg of urea, 300 kg of super phosphate, 20 kg of potash and 25 kg of ZnSO₄ (separately) may be applied before planting.

To manage weeds in transplanted rice apply Butachlor 2.5 litre per hectare at 3 days after transplanting. Under direct sown condition of rice apply Pendimethalin @ 3.0 l/ha at 5 days after germination or Pretilachlor + safener (Sofit) 1.50 l/ha. Post emergence herbicide Bispiribac Sodium (Nominee gold / Adora) @ 200 g/ha or Cyalapof (Clincher) @ 100g/ha may be applied at 20 days after germination.

Dindigul

Imp. Crop: Cotton, Maize, Banana, Sugarcane and Vegetables

Stage: Cotton- Germination stage, Maize-Sowing Period, Sugarcane- Tillering stage

Since Light and moderate rainfall is expected based on crop stage and soil moisture irrigation can be planned.

To control thrips and other sucking pest in cotton spray Imidacloprid 200SL 100ml/ha.

In sugarcane, iron deficiency may be rectified by foliar spraying of 250g of Ferrous Sulphate dissolved in 100 lit of water or Soil application of 25kg/ha of Ferrous Sulphate.

Drip irrigation can be followed to reduce the water shortage.

To control Rust in sugarcane spray with Mancozeb 2.0gram/ac.

Lemon leaf folder can be controlled by spraying Quinolphos 25EC@2 ml/lit.

Madurai

Imp. Crop: Paddy

Stage: Paddy – Maturity & Harvest stage

Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops at suitable time during dry spell.

During late Samba season direct sown paddy seeds should be treated with Pseudomonas fluorescence 10g/kg of seed before sowing. The seed treatment increases seed germination, seedling vigour and control the seed borne infection.

Brown spot incidence was found in paddy crop. Hence farmers are advised to spray mancozeb 2g/lit and 2 to 3 times at 10-15 days intervals.

Black bug incidence was noticed in paddy at flowering stage. To control this spray profenophos 50 EC at 400 ml /ac with 200 litre of water.

Pudukottai

Imp. Crop: Paddy, Maize and Sugarcane.

Stage: Paddy–Flowering & Maturity stage, Maize- Harvesting stage

Since Light to moderate rainfall is expected based on crop stage and soil moisture irrigation can be planned.

To control blast in rice spray Hinosan @ 200 ml/ac or tricyclazole @ 200g/ac. A prophylactic spray of Pseudomonas talc powder formulation @ 500 g/ac in 200 litres of water during late evening hours will avoid the incident of blast.

Brown spot incidence was found in paddy crop. Hence farmers are advised to spray mancozeb 2g/lit and 2 to 3 times at 10-15 days intervals.

To control Downy mildew disease in maize crops spray with Metalaxyl+Mancozeb @100g/ha at 20 days after sowing.

To control Rust in sugarcane spray with Mancozeb 2.0gram/ac.

Ramanathapuram

Imp. Crop: Paddy, Cotton, Pulses

Stage: Paddy- Tillering stage

Farmers are advised to do proper arrangement for storing rain water at one portion in the field. This water can be used for irrigation in the crops at suitable time during dry spell.

During late Samba season direct sown paddy seeds should be treated with Pseudomonas fluorescence 10g/kg of seed before sowing. The seed treatment increases seed germination, seedling vigour and control the seed borne infection.

Black bug incidence was noticed in Kuruvai paddy at flowering stage. To control this spray profenophos 50 EC at 400 ml /ac with 200 litre of water.

Mealy bug management: Neem oil 2% or Neem Seed Kernal Extract (NSKE) 5% or Thiamethoxam 25 WG 0.6g /litre.

To control thrips and other sucking pest in cotton spray Imidacloprid 200SL 100ml/ha.

Sivagangai

Imp. Crop: Paddy, Gingelly, Pulses, and Sugarcane

Stage: Paddy- Tillering stage

Drip irrigation can be followed to reduce the water shortage.

To control rice stem borer spray CartapHydrochloride 50%SP@400g/ac or Phosphamidon 40% SL 500 ml/ac.

To control rice Mealy bug spray with Neem oil 2% or Neem Seed Kernal Extract (NSKE) 5% or Thiamethoxam 25 WG 0.6g /litre.

Constant monitoring of paddy nurseries against attack of blast and brown spot is advised, spraying of Carbendazim or bavistin @ 2.0gram/litre of water.

In sugarcane, iron deficiency may be rectified by foliar spraying of 250g of Ferrous Sulphate dissolved in 100 lit of water or Soil application of 25kg/ha of Ferrous Sulphate.

Theni

Imp. Crop: Paddy, Maize, Sugarcane and Vegetables

Stage: Paddy- Maturity & Harvest stage

Drip irrigation can be followed to reduce the water shortage.

To control Green leafhopper in paddy spray with Phosalone 35% EC 120 ml/litre.

To control rice stem borer spray CartapHydrochloride 50 % SP @ 400g/ac or Phosphamidon 40% SL 500 ml/ac.

Brown spot incidence was found in paddy crop. Hence farmers are advised to spray mancozeb 2g/lit and 2 to 3 times at 10-15 days intervals.

In sugarcane, iron deficiency may be rectified by foliar spraying of 250g of Ferrous Sulphate dissolved in 100 lit of water or Soil application of 25kg/ha of Ferrous Sulphate.

To control Downy mildew disease in maize crops spray with Metalaxyl+Mancozeb @100g/ha at 20 days after sowing

Coimbatore

Blocks	Sugar cane	Banana	Turmeric	Vegetables	Pulses	Rice	Maize	Cotton
Thondamuthur	V	8 months	V	F	F	N&V	F	V
Karamadai	V	8 months	V	F	F	N&V	F	V
Sulur	V	8 months	V	F	F	N&V	F	V
Sultanpet	V	8 months	V	F	F	N&V	F	V
Pollachi	V	9 months	V	F	F	N&V	F	V
P.N Palayam	V	9 months	V	F	F	N&V	F	V
Kinathukadavu	NC	NC	V	F	F	N&V	F	V
Annur	NC	8 months	V	F	F	N&V	F	V
Madukarai	NC	8 months	V	F	F	N&V	F	V
Annaimalai	V	9 months	V	F	F	N&V	F	V

NC - No Crop; S- Sowing; Nursery & Transplanting, V- Vegetative; F - Flowering; M- Maturity

Agro Advisory

In samba rice top dressing of urea @ 30 kg and potash 8 kg/acre may be done and maintain water at 2 cm. Do not drain the water for two days, even if rain occurs.

To avoid mid-day wilt in turmeric, provide crop residue mulch to keep soil moisture. In next season, sow Agathi as inter crop to provide shade.

Due to high wind speed and anticipating rainfall propping may be done in five months and above old banana.

In mulch animals, clean the udder with potassium permanganate solution before milking to prevent udder disease.

SMS advisory

In samba rice top dressing of urea @ 30 kg and potash 8 kg/acre may be done and maintain water at 2 cm. Do not drain the water for two days, even if rain occurs.

Erode

Taluks	Sugarcane	Banana	Turmeric	Tapioca	Pulses	Rice	Cotton	Maize
Ammamet	V	8 months	V	V	F	S,F&M	F	F
Bhavani	V	8 months	V	V	F	S,F&M	F	F
Erode	V	8 months	V	V	F	S,F&M	F	F
Perundurai	V	8 months	V	V	F	S,F&M	F	F
Sathyamangalam	V	8 months	V	V	F	S,F&M	F	F
Nambiyur	V	8 months	V	V	F	S,F&M	F	F
Gobichettipalayam	V	8 months	V	V	F	S,F&M	F	F

V- Vegetative; H- Harvest; S – Sowing; Nursery & Transplanting, F – Flowering, M - Maturity

Agro Advisory

In samba rice top dressing of urea @ 30 kg and potash 8 kg/acre may be done and maintain water at 2 cm. Do not drain the water for two days, even if rain occurs.

To avoid mid-day wilt in turmeric, provide crop residue mulch to keep soil moisture. In next season, sow Agathi as inter crop to provide shade.

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In mulch animals, clean the udder with potassium permanganate solution before milking to prevent udder disease.

SMS advisory

In samba rice top dressing of urea @ 30 kg and potash 8 kg/acre may be done and maintain water at 2 cm. Do not drain the water for two days, even if rain occurs.

Tiruppur

Blocks	Tapioca	Sugarcane	Banana	Vegetables	Pulses	Rice	Cotton	Maize
Avinashi	V	V	9months	F	V	S&M	S & V	V
Kankayam	V	NC	NC	F	V	S&M	S & V	V
Madathukulam	V	NC	NC	F	V	S&M	S & V	V
Gudimangalam	V	V	11 months	F	V	S&M	S & V	V
Palladam	V	NC	NC	F	V	S&M	S & V	V
Dharapuram	V	V	7 months	F	V	S&M	S & V	V
Udumalpet	V	V	NC	F	V	S&M	S & V	V

NC - No Crop; S- Sowing; Nursery & Transplanting, V- Vegetative; F – Flowering, M - Maturity

Agro Advisory

In samba rice top dressing of urea @ 30 kg and potash 8 kg/acre may be done and maintain water at 2 cm. Do not drain the water for two days, even if rain occurs.

To avoid mid-day wilt in turmeric, provide crop residue mulch to keep soil moisture. In next season, sow Agathi as inter crop to provide shade.

Due to high wind speed and anticipating rainfall propping may be done in five months and above old banana.

In mulch animals, clean the udder with potassium permanganate solution before milking to prevent udder disease.

SMS advisory

In samba rice top dressing of urea @ 30 kg and potash 8 kg/acre may be done and maintain water at 2 cm. Do not drain the water for two days, even if rain occurs.

Salem , Namakkal , Dharmapuri & Krishnagiri

For next four days, sky will be generally cloudy with chance of fairly widespread rainfall. Maximum and minimum temperature will be 33.0°C (91.4°F) and 23.0°C (73.4°F) respectively. Wind speed will be around 2 km/hour, mostly from northeast. Relative humidity will be elevated in the range of 70 - 85 %.

Though, prevailing northeast monsoon keeps weather conditions favorable for poultry, feed and feed ingredients likely to have increased occurrence of mycotoxins. Hence, for next two months, keep tight control on the moisture content of feed ingredients. Test feed ingredients frequently before use.

Post mortem observations in the birds brought for diagnostic purpose at Poultry Disease Diagnosis and Surveillance Laboratory, VC & RI, Namakkal revealed death of birds due to ***E. coli infection and Necrotic Enteritis***. Hence, farmers are advised to test feed and drinking water for *E. coli* load at this laboratory and follow appropriate farm management practice and bio-security measures.

Special Agroadvisory from Krishi Vigyan Kendra:

Virudhunagar

Crop/ Farming system	Stage / Activities	Advisories
Agromet advisories in relation to the anticipated weather having high cloud cover, rainfall and moderate humidity		
Cotton, sorghum, maize and pulses	Vegetative stage	In dryland crops do hand weeding when soil moisture is optimum in order to eliminate competition due to weeds.
		As rainfall is expected in the coming days do thinning for maintaining optimum population when adequate soil moisture is available.
		As rainfall is expected in the coming days provide adequate drainage in the fields in order to prevent water stagnation.
Sunflower, pearl millet	Sowing	As rainfall is expected in the coming days do sowing of sunflower and pearl millet. Sow pearl millet and sunflower varieties at 45 x 15 cm. For hybrids the spacing for pearl millet is 45 x 15 cm and for sunflower 60 x

		25 cm.
Chilli	Seedling stage	<p>In chilli nursery damping off disease is observed due to poor drainage. For controlling the spread of the disease do soil drenching with 0.1% carbendazim when soil moisture is optimum.</p> <p>In the prevailing weather having high cloud cover and humidity thrips incidence is observed in chilli nursery. For controlling the pest spray dimethoate 2 ml/ l or methyl demeton 2 ml/ l. Decide the spraying operation based on the the local weather conditions and do it during rain-free period.</p>
Blackgram and greengram	Vegetative stage	In the prevailing weather having high cloud cover, rainfall and humidity there is incidence of sphinjid in blackgram and greengram. For controlling it spray monocrotophos 2 ml/ l.

SMS: Rain: Oct 31th- Nov 4th: 18, 18, 3, 24& 2 mm. Blackgram& greengram- sphinjid: spray monocrotophos 2 ml/ l.

Thoothukudi

Crop/ Farming system	Stage / Activities	Advisories
Agromet advisories in relation to the anticipated weather having high cloud cover, rainfall and moderate humidity		
Rice	Seedling stage	As rainfall is expected in the coming days avoid irrigation to the rice crop at seedling stage and provide adequate drainage in the field. Use conoweeder with forward and backward motion to bury the weeds and aerate the soil at 7-10 days interval on either direction of the rows and column. Remove the weeds closer to rice plants manually.

Cotton, sorghum, maize and pulses	Vegetative stage	In dryland crops do hand weeding when soil moisture is optimum in order to eliminate competition due to weeds.
		As rainfall is expected in the coming days do thinning for maintaining optimum population when adequate soil moisture is available.
		As rainfall is expected in the coming days provide adequate drainage in the fields in order to prevent water stagnation.
Sunflower, pearlmillet	Sowing	As rainfall is expected in the coming days do sowing of sunflower and pearl millet. Sow pearlmillet and sunflower varieties at 45 x 15 cm. For hybrids the spacing for pearl millet is 45 x 15 cm and for sunflower 60 x 25 cm.
Chilli	Seedling stage	In chilli nursery damping off disease is observed due to poor drainage. For controlling the spread of the disease do soil drenching with 0.1% carbendazim when soil moisture is optimum. In the prevailing weather having high cloud cover and humidity thrips incidence is observed in chilli nursery. For controlling the pest spray dimethoate 2 ml/ l or methyl demeton 2 ml/ l. Decide the spraying operation based on the the local weather conditions and do it during rain-free period.
Blackgram and greengram	Vegetative stage	In the prevailing weather having high cloud cover, rainfall and humidity there is incidence of sphinjid in blackgram and greengram. For controlling it spray monocrotophos 2 ml/ l.

SMS: Rain: Oct 31st- Nov 4th: 18, 16, 6, 12& 2 mm. Blackgram& greengram- sphinjid: spray monocrotophos 2 ml/ l.

Thirunelveli

Crop/ Farming system	Stage / Activities	Advisories
Agromet advisories in relation to the anticipated weather having very high cloud cover, moderate rainfall and moderate humidity		
Rice	Seedling stage	As rainfall is expected in the coming days avoid irrigation to the rice crop at seedling stage and provide adequate drainage in the field. Use conoweeder with forward and backward motion to bury the weeds and aerate the soil at 7-10 days interval on either direction of the rows and column. Remove the weeds closer to rice plants manually.
Cotton, sorghum, maize and pulses	Vegetative stage	In dryland crops do hand weeding when soil moisture is optimum in order to eliminate competition due to weeds.
		As rainfall is expected in the coming days do thinning for maintaining optimum population when adequate soil moisture is available.
		As rainfall is expected in the coming days provide adequate drainage in the fields in order to prevent water stagnation.
Sunflower, pearl millet	Sowing	As rainfall is expected in the coming days do sowing of sunflower and pearl millet. Sow pearl millet and sunflower varieties at 45 x 15 cm. For hybrids the spacing for pearl millet is 45 x 15 cm and for sunflower 60 x 25 cm.
Chilli	Seedling stage	<p>In chilli nursery damping off disease is observed due to poor drainage. For controlling the spread of the disease do soil drenching with 0.1% carbendazim when soil moisture is optimum.</p> <p>In the prevailing weather having high cloud cover and humidity thrips incidence is observed in chilli nursery. For controlling the pest spray dimethoate 2 ml/ l or methyl demeton 2 ml/ l. Decide the spraying operation based on the the local weather conditions and do it during</p>

		rain-free period.
Blackgram and greengram	Vegetative stage	In the prevailing weather having high cloud cover, rainfall and humidity there is incidence of sphinjid in blackgram and greengram. For controlling it spray monocrotophos 2 ml/ l.

SMS: Rain: Oct 31st- Nov 4th: 15, 16, 9, 14& 4 mm. Blackgram& greengram- sphinjid: spray monocrotophos 2 ml/ l.

Ariyalur & Perambalur

Imp. Crop: Rice

Stage: Late Samba: Tillering; Thaladi : Transplanting

Light to moderate rainfall (2 – 18 mm) is expected on next five days, prepare the main field for paddy transplanting in thaladi season.

Leaf folder incidence is being noticed in the samba paddy fields due to prevailing weather condition. To manage this, spray chlorpyrifos 500 ml or Profenophos 400 ml/acre with 200 ltrs of water.

Karur

Imp. Crop: Rice, Sugarcane and Banana

Stage: Samba: Transplanting

Light to moderate rainfall (3 – 22 mm) is expected on next five days, prepare the main field for paddy transplanting in thaladi season.

For Samba crop before transplanting, apply 200 kg of gypsum, 10 kg zinc sulphate, 30 kg of urea, 40 kg DAP and 10 kg potash as basal fertilizers for 1 acre. Apply 100 kg of neem cake before transplanting to avoid insect and nematode attack.

Nagapattinam

Imp. Crop: Rice

Samba: Tillering; Thaladi : Transplanting

Light to moderate rainfall (6 – 25 mm) is expected on next five days, prepare the main field for paddy transplanting in thaladi season.

Top dressing of fertilizers can be done for samba paddy (25 kg urea + 10 kg MOP /acre).

Blast incidence is being noticed in the samba paddy field due to prevailing weather condition. To control this, spray Carbendazim 200g/acre or Tricylazole @ 200g/acre in 200 litre of water.

Leaf folder incidence is being noticed in the samba paddy fields due to prevailing weather condition. To manage this, spray chlorpyrifos 500 ml or Profenophos 400 ml/acre with 200 ltrs of water.

Thanjavur & Thiruvarur

Imp. Crop: Rice

Samba: Tillering; Thaladi : Transplanting

Light to moderate rainfall (3 – 12 mm) is expected on next five days, prepare the main field for paddy transplanting in thaladi season.

Top dressing of fertilizers can be done for samba paddy (25 kg urea + 10 kg MOP /acre).

Blast incidence is being noticed in the samba paddy field due to prevailing weather condition. To control this, spray Carbendazim 200g/acre or Tricyclazole @ 200g/acre in 200 litre of water.

Leaf folder incidence is being noticed in the samba paddy fields due to prevailing weather condition. To manage this, spray chlorpyrifos 500 ml or Profenophos 400 ml/acre with 200 ltrs of water.

Thiruchirapalli

Imp. Crop: Rice

Samba: Tillering; Thaladi : Transplanting

Light to moderate rainfall (3 – 24 mm) is expected on next five days, prepare the main field for paddy transplanting in thaladi season.

Blast incidence is being noticed in the samba paddy field due to prevailing weather condition. To control this, spray Carbendazim 200g/acre or Tricyclazole @ 200g/acre in 200 litre of water.

Leaf folder incidence is being noticed in the samba paddy fields due to prevailing weather condition. To manage this, spray chlorpyrifos 500 ml or Profenophos 400 ml/acre with 200 ltrs of water

Nilgris

Moderate to light rainfall expected in the district for the next five days.

Growers are advised to Spray Propargite @ 200 ml / 200 l/ac to control mites in Tea crop

During the time of field preparation for horticultural crops, apply 12 tonnes of FYM per acre.

Kanyakumari

S. NO	CROP	STAGES	ADVISORIES
1	Banana	Harvesting stage.	Use transparent polythene sleeves (2%) to cover the bunches due to rainfall. It increases the quality of bunches.
2	Pine apple	Flowering stage.	Pour 20 ppm of ethrel @ 50 ml/plant into the crown to get uniform flowering.
3	Coconut	Juvenile period, pre-bearing and bearing stage.	If the attack of mite is noticed, spray commercial botanical pesticides containing azadirachtin 0.004 % @ 4 ml/litre of water on the bunches, especially on the perianth region of buttons and affected nuts.
4	Ginger	Rhizome setting stage.	If leaf spot disease is noticed, spray 1% Bordeaux mixture on the surface of the leaf.
5	Cocoa	Pod setting stage.	Weeding, earthing up and mulching is done on the need basis.
6	Pepper	Vegetative and Berries setting stage.	The growing vines are to be trained to the standards.

7	Paddy	Harvesting stage.	Store the grains in dry places. The moisture content of the grain is less than 12% while storage.
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SMS ADVISORY

There are possibilities for 65.0 mm rainfall during the forthcoming days.

Use transparent polythene sleeves (2%) to cover the bunches due to rainfall. It increases the quality of bunches.

