



जिला स्तरतमिलनाडुके लिएकृषि मौसमसलाहकारबुलेटिन

## **DISTRICT LEVEL**

# **Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 091 /2017**

For the period 0830 IST, 14<sup>th</sup> November 2017 to  
0830 IST, 17<sup>th</sup> November 2017

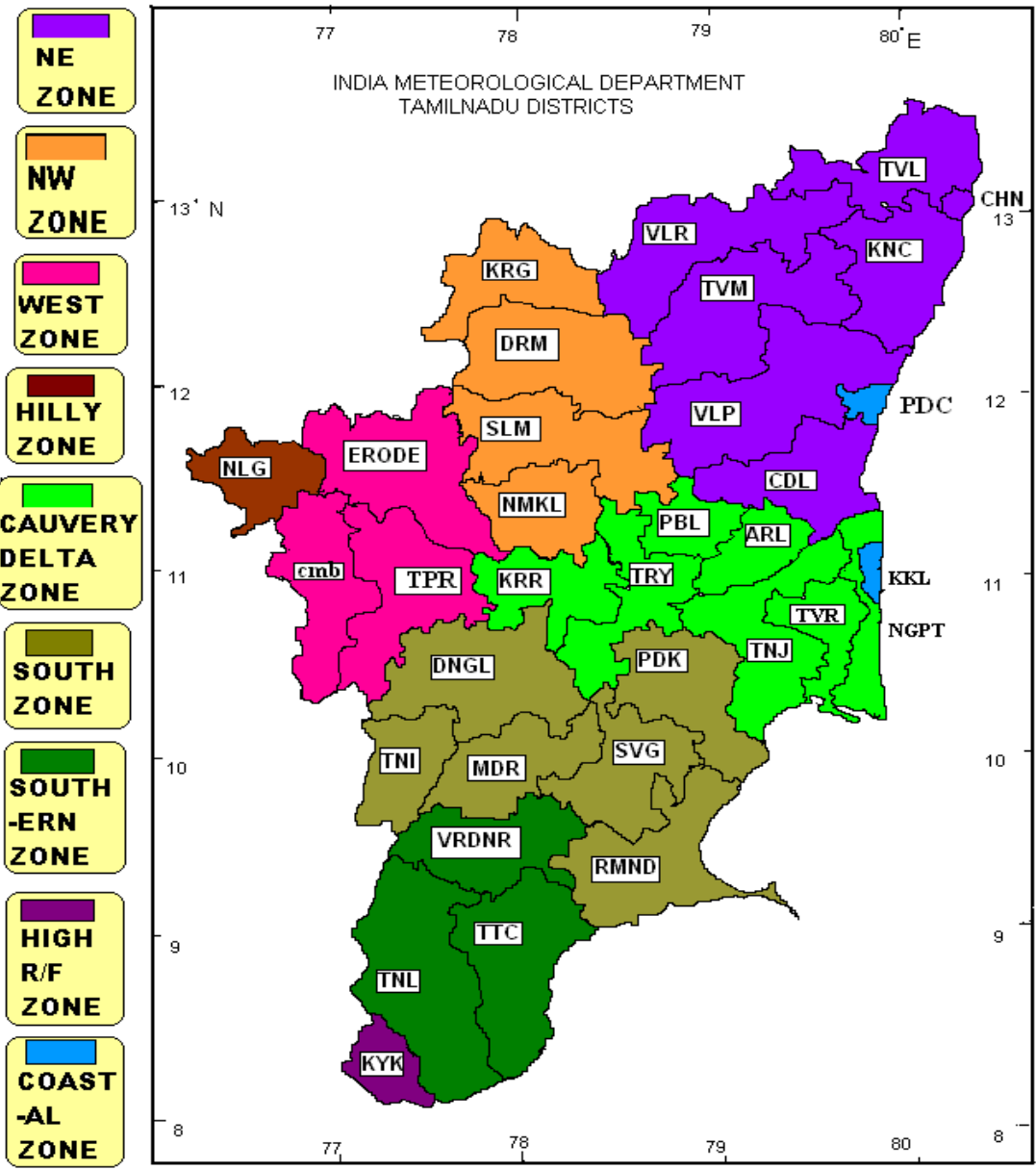
**Issued on Tuesday, 14<sup>th</sup> November 2017**

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



**Past Weather Summary for the period 10.11.17 to 13.11.17 for the State of Tamilnadu & Puducherry**

**Temperature:**

Maximum Temperature of range 32°C – 35°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 14°C – 18°C during the period.

Minimum temperature of range 18°C - 21°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 07°C - 09°C during the same period.

**Spatial distribution of Rainfall**

<b>Spatial distribution of Rainfall</b>	<b>Date</b>	<b>Area</b>
<b>Widespread (Most places)</b>	<b>10.11.17, 11.11.17</b>	<b>Puducherry</b>
<b>Fairly widespread (Many places)</b>	<b>--</b>	<b>--</b>
<b>Scattered (Few Places)</b>	<b>11.11.17</b> <b>13.11.17</b>	<b>Tamil Nadu</b> <b>Puducherry and North Coastal Tamil Nadu</b>
<b>Isolated (one or two Places)</b>	<b>10.11.17, 12.11.17</b> <b>13.11.17</b>	<b>Tamil Nadu</b> <b>South Coastal Tamil Nadu and Interior Tamil Nadu</b>
<b>Dry</b>	<b>12.11.17</b>	<b>Puducherry</b>

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

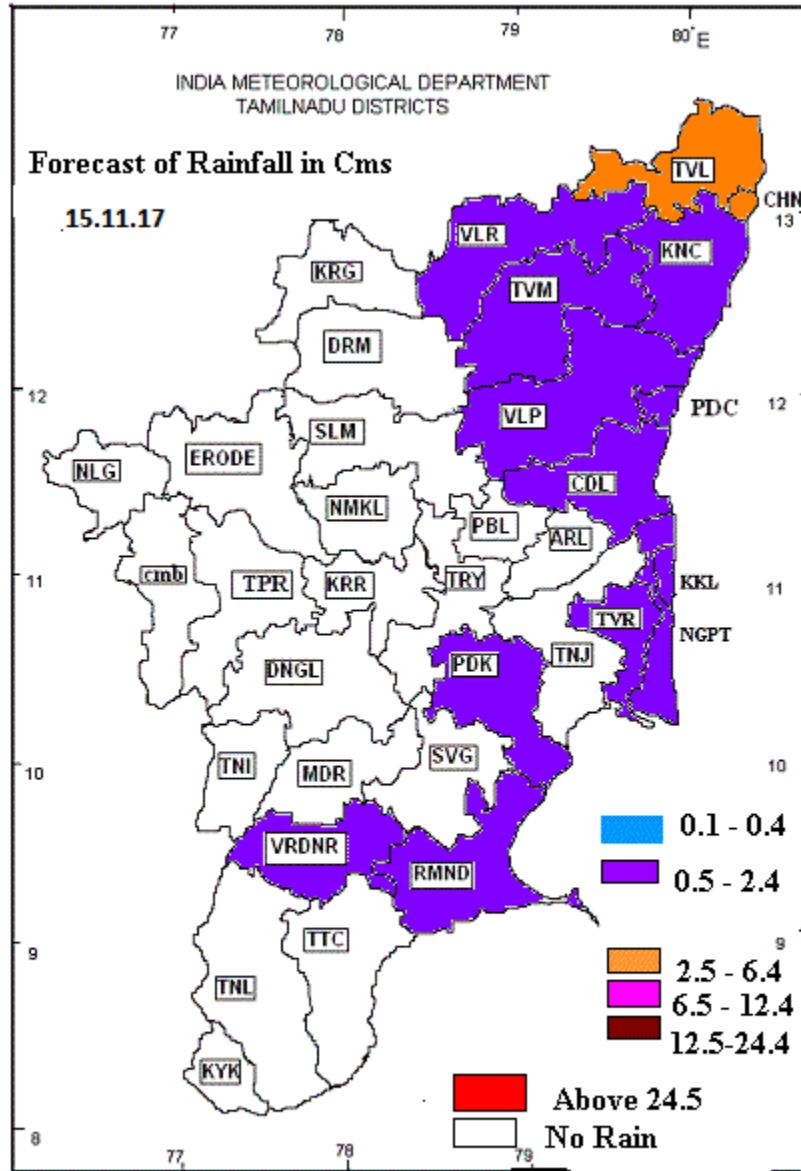
10.11.17: Thuckalay (Kanyakumari Dist) 5, Mylaudy (Kanyakumari Dist) 4, Ambasamudram (Tirunelveli Dist) 3, Karaikal (Karaikal Dist), Kalugumalai (Toothukudi Dist) 2 each, Papanasam (Tirunelveli Dist), Trangambadi(or)tranqueb (Nagapattinam Dist), Nanguneri (Tirunelveli Dist), Shencottah (Tirunelveli Dist), Colachel (Kanyakumari Dist), Periyar (Theni Dist) 1 each.

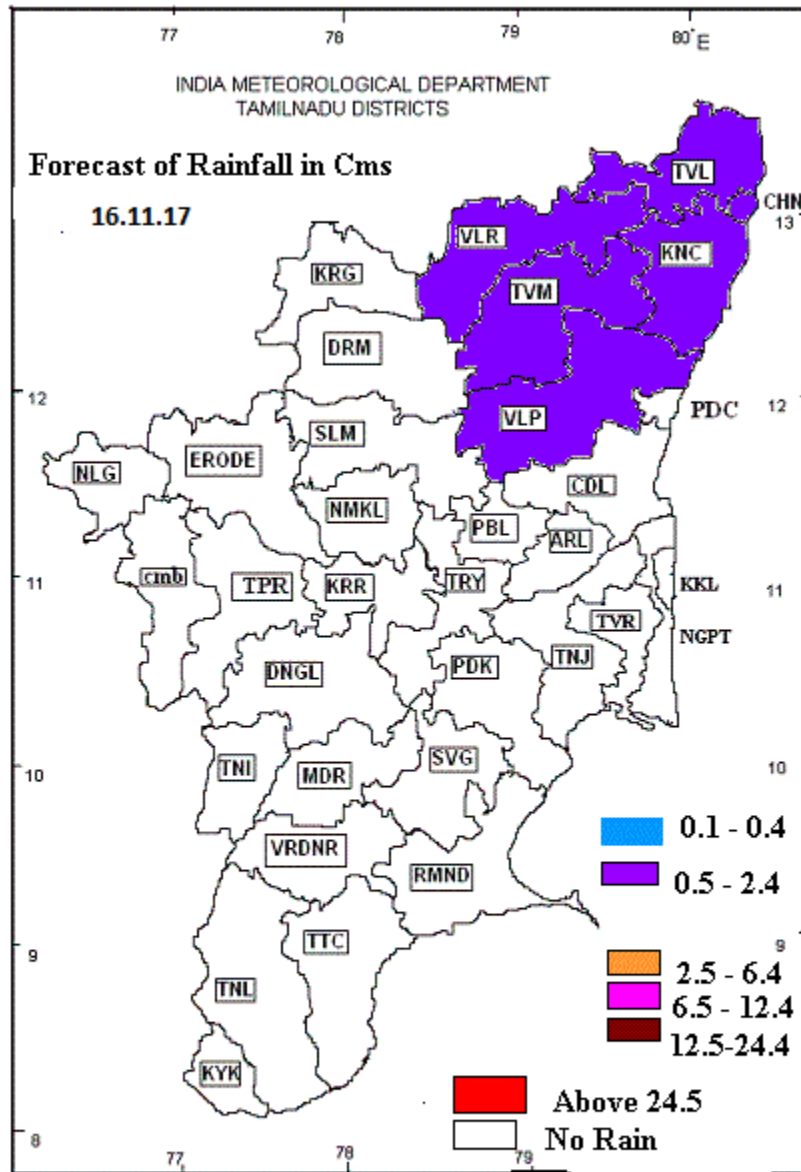
11.11.17: Vedaranyam (Nagapattinam Dist) 13, Nagapattinam (Nagapattinam Dist) 9, Marakkanam (Villupuram Dist) 7, Cuddalore (Cuddalore Dist) 6, Parangipettai (Cuddalore Dist), Chengalpattu (Kancheepuram Dist), Pondicherry (Puducherry Dist), Mahabalipuram (Kancheepuram Dist), Vanur (Villupuram Dist) 5 each, Karaikal (Karaikal Dist) 4, ChiDambaram (Cuddalore Dist), Anaikaranchatram (Kollidam (Nagapattinam Dist), Thiruthuraiipoondi (Tiruvarur Dist), Mayiladuthurai (Nagapattinam Dist), Trangambadi(or)tranqueb (Nagapattinam Dist), Neyveli AWS (Cuddalore Dist) 3 each, Cheyyur (Kancheepuram Dist), Sirkali (Nagapattinam Dist), K.m.koil (Cuddalore Dist), Kelambakkam (Kancheepuram Dist), Tiruvarur (Tiruvarur Dist), Srimushnam (Cuddalore Dist), Sethiathope (Cuddalore Dist), Satyabama uty arg (Kancheepuram Dist), Panruti (Cuddalore Dist), Kvk kattukuppam arg (Kancheepuram Dist) 2 each, JayamkonDam (Ariyalur Dist), Muthupet (Tiruvarur Dist), Nannilam (Tiruvarur Dist), Virudachalam (Cuddalore Dist), NeeDamangalam (Tiruvarur Dist), Mannargudi (Tiruvarur Dist), Aduthurai AWS (Thanjavur Dist), Kodavasal (Tiruvarur Dist), Thiruvidaimaruthur (Thanjavur Dist), Adirampatnam (Thanjavur Dist), Madukkur (Thanjavur Dist), Usilampatti (Madurai Dist), Maduranthagam (Kancheepuram Dist), Thenkasi (Tirunelveli Dist), Tindivanam (Villupuram Dist) 1 each.

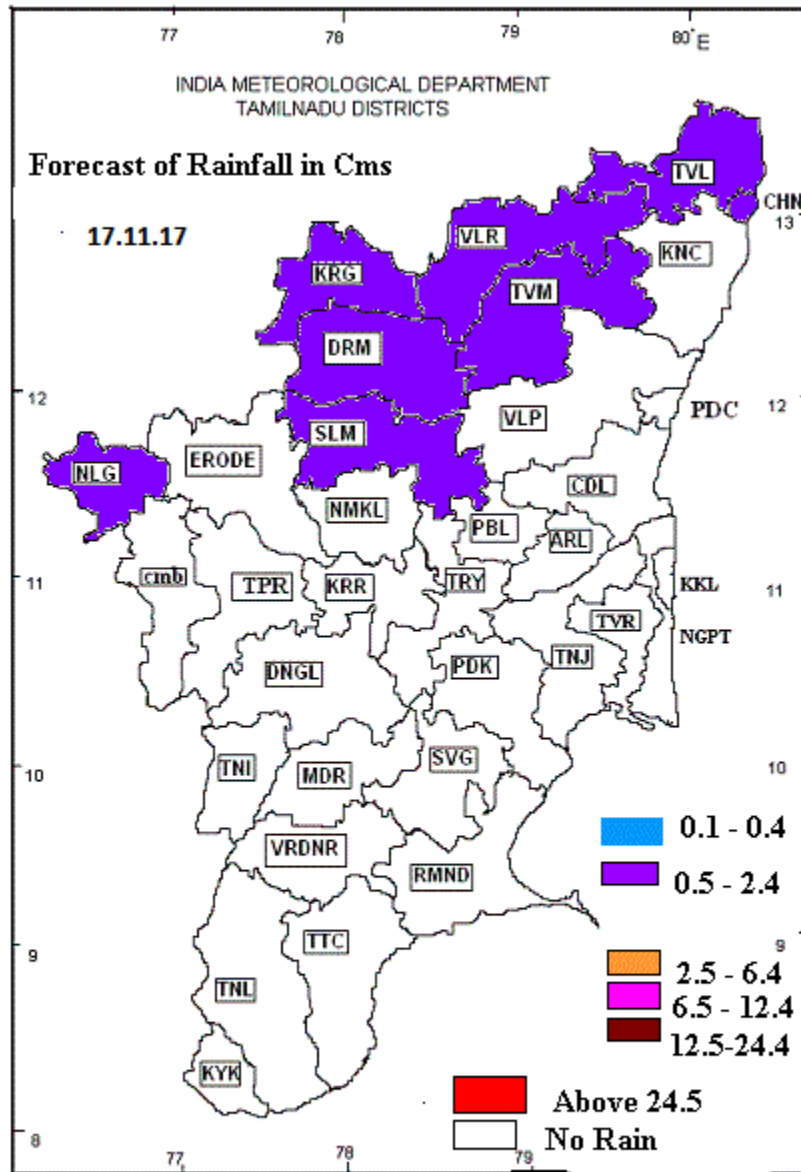
12.11.17: Nil.

13.11.17: Ennore AWS (Tiruvallur Dist) 11, Ponneri (Tiruvallur Dist), Chennai(N) (Chennai Dist), Madavaram AWS (Tiruvallur Dist) 7 each, DGP office (Chennai Dist), Kolapakkam arg (Kancheepuram Dist), Anna University (Chennai Dist), Anna uty arg (Chennai Dist), Aranmanaipudur (Theni Dist), Thamaraiappakkam (Tiruvallur Dist) 4 each, Cholavaram (Tiruvallur Dist), Red hills (Tiruvallur Dist), Chennai AP (Kancheepuram Dist), Taramani arg (Kancheepuram Dist) 3 each, Tiruvallur (Tiruvallur Dist) 2, Tambaram (Kancheepuram Dist), Mahabalipuram (Kancheepuram Dist), Chembarabakkam (Tiruvallur Dist), Poonamalle arg (Tiruvallur Dist), Poondi (Tiruvallur Dist), Thiruvalangadu (Tiruvallur Dist), Satyabama uty arg (Kancheepuram Dist) 1 each.

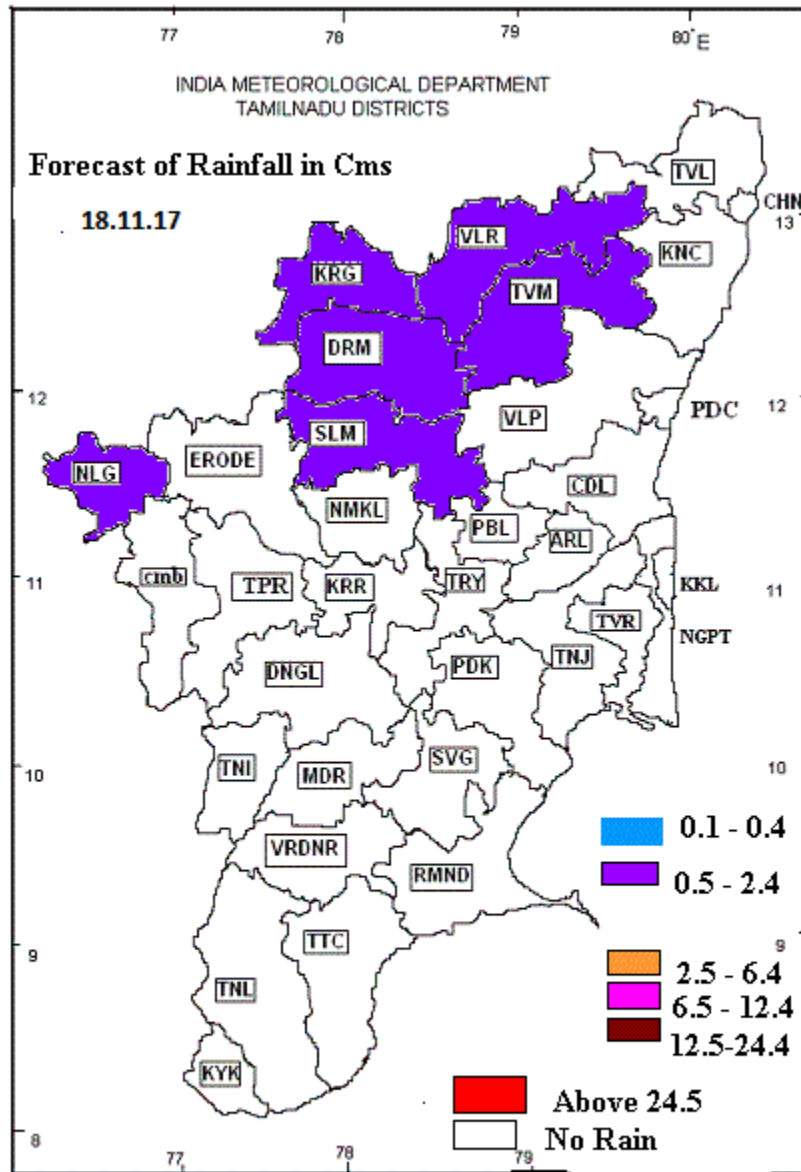
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 14.11.2017  
VALID FOR THE NEXT 5 DAYS**

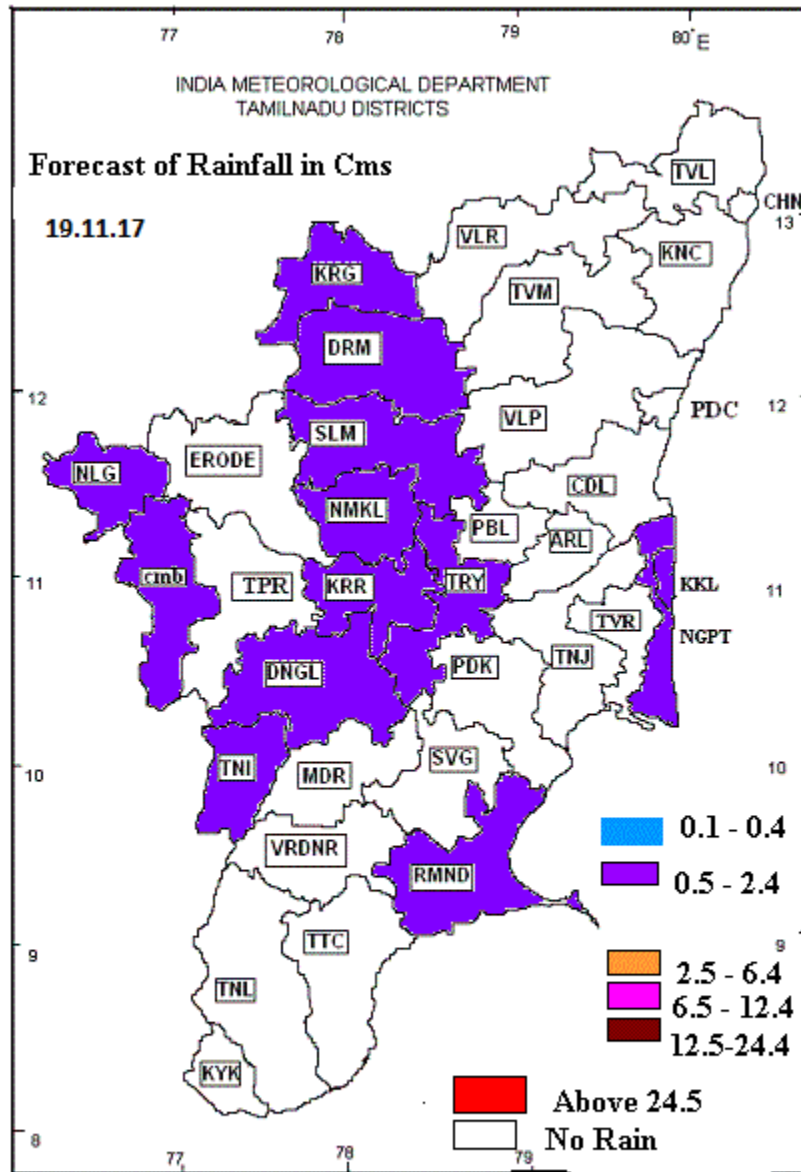












## **Districtwise Agromet Advisories**

### **Chennai, Kancheepuram, Villupuram, Thiruvannamalai, Thiruvallur, Vellore & Cuddalore**

#### **Livestock:**

1. Light rainfall may be expected for next three days.
2. Avoid stagnation of water nearby animal shed to prevent vector born diseases to the animals.
3. Sheep and goat should be housed in elevated area to avoid foot rot and apply neem oil to the foot.
4. Avoid feeding of wet paddy straw/ other dry fodders to the animals to prevent the incidence of aflatoxin.
5. Feed ingredients for the concentrate feed should be stored in rainproof areas to avoid development of aflatoxin.
6. Wet bedding material from the poultry shed should be replaced with fresh bedding materials to avoid ammonia odour.

#### **Agriculture (Krishi Vigyan Kendra, Kattupakkam)**

##### **Imp. Crops: Rice, Sugarcane and Groundnut**

1. Excess water in the paddy field and other crops should be drained out.
2. Farmers are advised to safe guard the harvested food grains in damp proof areas to avoid spoilage.

#### **Ariyalur**

Crop: Rice Stage: Samba: Panicle intitation stage; Thaladi: Tillering stage To eliminate or rectify nutrient deficiency in samba paddy field, top dressing can be done (22 kg urea + 18 kg gypsum + 4 kg neem cake mixed well and keep it over night and add 17 kg). Leaf folder incidence is being noticed in the samba paddy crop due to prevailing weather condition. To manage this, spray Profenophos 50 E.C. 400 ml/acre. Sheath blight incidence is being noticed in the samba paddy crop due to prevailing weather condition. To manage this, spray Propiconazole @ 1 ml/litre or Carbendazim @ 1g/litre. Livestocks To prevent the occurrence of Mastitis in milching animals, wash the udder and backside of the body with 1% Potassium permanganate solution before and after milking.

#### **Karur**

Crop: Rice Stage: Samba: Panicle intitation stage; Thaladi: Tillering stage To eliminate or rectify nutrient deficiency in samba paddy field, top dressing can be done (22 kg urea + 18 kg gypsum + 4 kg neem cake mixed well and keep it over night and add 17 kg). Leaf folder incidence is being noticed in the samba paddy crop due to prevailing weather condition. To manage this, spray Profenophos 50 E.C. 400 ml/acre. Sheath blight incidence is being noticed in the samba paddy crop due to prevailing weather condition. To manage this, spray Propiconazole @ 1 ml/litre or Carbendazim @ 1g/litre. Livestocks To prevent the occurrence of Mastitis in milching animals, wash the udder and backside of the body with 1% Potassium permanganate solution before and after milking.

#### **Nagapattinam**

Crop: Rice Stage: Samba: Panicle intitation stage; Thaladi: Tillering stage Provide adequate drainage facilities to drain the excess rainwater present in the paddy fields to improve better aeration in the

root zone. To eliminate or rectify nutrient deficiency in samba paddy field, top dressing can be done (22 kg urea + 18 kg gypsum + 4 kg neem cake mixed well and keep it over night and add 17 kg), when rainfall does not occur. Leaf folder incidence is being noticed in the samba paddy crop due to prevailing weather condition. To manage this, spray Profenophos 50 E.C. 400 ml/acre, when rainfall does not occur. Sheath blight incidence is being noticed in the samba paddy crop due to prevailing weather condition. To manage this, spray Propiconazole @ 1 ml/litre or Carbendazim @ 1g/litre, when rainfall does not occur. Livestocks To prevent the occurrence of Mastitis in milching animals, wash the udder and backside of the body with 1% Potassium permanganate solution before and after milking.

#### **Perambalur**

Crop: Rice Stage: Samba: Panicle intitation stage; Thaladi: Tillering stage To eliminate or rectify nutrient deficiency in samba paddy field, top dressing can be done (22 kg urea + 18 kg gypsum + 4 kg neem cake mixed well and keep it over night and add 17 kg). Leaf folder incidence is being noticed in the samba paddy crop due to prevailing weather condition. To manage this, spray Profenophos 50 E.C. 400 ml/acre. Sheath blight incidence is being noticed in the samba paddy crop due to prevailing weather condition. To manage this, spray Propiconazole @ 1 ml/litre or Carbendazim @ 1g/litre. Livestocks To prevent the occurrence of Mastitis in milching animals, wash the udder and backside of the body with 1% Potassium permanganate solution before and after milking.

#### **Thanjavur**

Crop: Rice Stage: Samba: Panicle intitation stage; Thaladi: Tillering stage To eliminate or rectify nutrient deficiency in samba paddy field, top dressing can be done (22 kg urea + 18 kg gypsum + 4 kg neem cake mixed well and keep it over night and add 17 kg). Leaf folder incidence is being noticed in the samba paddy crop due to prevailing weather condition. To manage this, spray Profenophos 50 E.C. 400 ml/acre. Sheath blight incidence is being noticed in the samba paddy crop due to prevailing weather condition. To manage this, spray Propiconazole @ 1 ml/litre or Carbendazim @ 1g/litre. Livestocks To prevent the occurrence of Mastitis in milching animals, wash the udder and backside of the body with 1% Potassium permanganate solution before and after milking.

#### **Tiruvarur**

Crop: Rice Stage: Samba: Panicle intitation stage; Thaladi: Tillering stage To eliminate or rectify nutrient deficiency in samba paddy field, top dressing can be done (22 kg urea + 18 kg gypsum + 4 kg neem cake mixed well and keep it over night and add 17 kg). Leaf folder incidence is being noticed in the samba paddy crop due to prevailing weather condition. To manage this, spray Profenophos 50 E.C. 400 ml/acre. Sheath blight incidence is being noticed in the samba paddy crop due to prevailing weather condition. To manage this, spray Propiconazole @ 1 ml/litre or Carbendazim @ 1g/litre. Livestocks To prevent the occurrence of Mastitis in milching animals, wash the udder and backside of the body with 1% Potassium permanganate solution before and after milking.

#### **Tirchy**

Crop: Rice Stage: Samba: Panicle intitation stage; Thaladi: Tillering stage To eliminate or rectify nutrient deficiency in samba paddy field, top dressing can be done (22 kg urea + 18 kg gypsum + 4 kg neem cake mixed well and keep it over night and add 17 kg). Leaf folder incidence is being noticed in the samba paddy crop due to prevailing weather condition. To manage this, spray Profenophos 50 E.C. 400 ml/acre. Sheath blight incidence is being noticed in the samba paddy crop due to prevailing weather condition. To manage this, spray Propiconazole @ 1 ml/litre or Carbendazim @ 1g/litre. Livestocks To prevent the occurrence of Mastitis in milching animals, wash the udder and backside of the body with 1% Potassium permanganate solution before and after milking.

#### **Coimbatore**

### **Crop Stages at Coimbatore**

Blocks	Sugar cane	Rice	Turmeric	Millets	Cotton
Thondamuthur	V	S	V	S	S & BP
Karamadai	V	-	V	S	S & BP
Sulur	V	-	V	S	S & BP
Sultanpet	V	-	V	S	S & BP
Pollachi	V	S	V	S	S & BP
P.N Palayam	V	-	V	S	S & BP
Kinathukadavu	V	S	V	S	S & BP
Annur	V	-	V	S	S & BP
Madukarai	V	-	V	S	S & BP
Annaimalai	V	S	V	S	S & BP

V-Vegetative;M-Maturity; BP-Boll picking; S-Sowing

### Agro Advisory

- ✓ This is the best time of sowing for bengal gram under rain fed situation considering the available soil moisture, further farmers are requested to complete the sowing before 20<sup>th</sup> November 2017.
- ✓ Detrashing and double line propping may be done to the late season sugarcane crop to avoid lodging due to moisture and light wind.
- ✓ Garden land banana may be planted by utilizing the rainfall. A sucker must weigh 2 kg each and must be dipped in 0.1% carbendazim solution before planting. Also again dip the sucker in clay water mixture and sprinkle 3 g of carbofuron per sucker.

### SMS advisory

- ✓ This is the best time of sowing for bengal gram under rain fed situation considering the available soil moisture, further farmers are requested to complete the sowing before 20<sup>th</sup> November 2017.

## Erode

### Crop Stages at Erode

Taluks	Sugar cane	Rice	Turmeric	Millets	Cotton
Ammamet	V	-	V	S	S & BP
Bhavani	V	S	V	S	S & BP
Erode	V	S	V	S	S & BP
Perundurai	V	-	V	S	S & BP
Sathyamangalam	V	-	V	S	S & BP
Nambiyur	V	S	V	S	S & BP
Gobichettipalayam	V	S	V	S	S & BP

V-Vegetative; M-Maturity; BP-Boll picking; S-Sowing

### Agro Advisory

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### SMS advisory

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## Tiruppur

### Crop Stages at Tiruppur

Blocks	Sugar cane	Millets	Turmeric	Irrigated Maize	Cotton
Avinashi	V	S	V	F	BP
Kankayam	V	S	V	F	BP
Madathukulam	V	S	V	F	BP
Gudimangalam	V	S	V	F	BP
Palladam	V	S	V	F	BP
Dharapuram	V	S	V	F	BP
Udumalpet	V	S	V	F	BP

V-Vegetative; M-Maturity; BP-Boll picking; F –Flowering; LP-Land preparation

#### Agro Advisory

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- ✓ Detrashing and double line propping may be done to the late season sugarcane crop to avoid lodging due to moisture and light wind.
- ✓ Garden land banana may be planted by utilizing the rainfall. A sucker must weigh 2 kg each and must be dipped in 0.1% carbendazim solution before planting. Also again dip the sucker in clay water mixture and sprinkle 3 g of carbofuron per sucker.

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