



जिला स्तरतमिलनाडुके लिएकृषि मौसमसलाहकारबुलेटिन

## **DISTRICT LEVEL**

### **Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 030 /2018**

For the period 0830 IST, 17<sup>th</sup> April 2018 to  
0830 IST, 20<sup>th</sup> April 2018

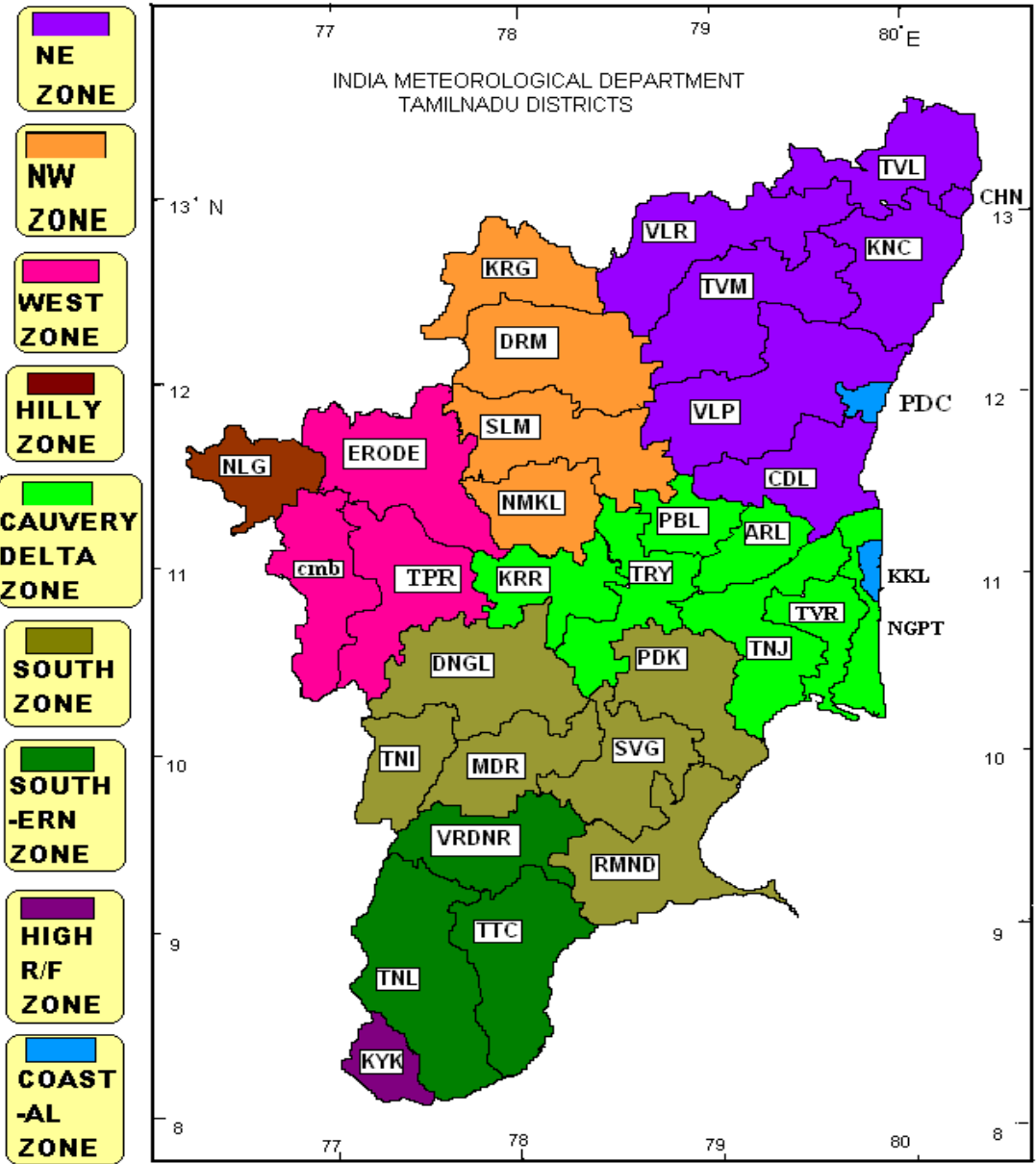
**Issued on Tuesday, 17<sup>th</sup> April 2018**

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 13.04.18 to 16.04.18 for the State of Tamilnadu & Puducherry**

**Temperature:**

Maximum Temperature of range 32°C –38°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 19°C – 25°C during the period.

Minimum temperature of range 22°C - 29°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 11°C - 13°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)	13.04.18 14.04.18	South Tamilnadu Tamil Nadu
Isolated (Isolated Places)	13.04.18 15.04.18 & 16.04.18	North Tamilnadu Tamil Nadu
Dry	13.04.18, 14.04.18, 15.04.18 & 16.04.18	Puducherry

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

13.04.18: Coonoor pto (Nilgiris Dist) 10, Kothagiri (Nilgiris Dist) 8, Sivagiri (Tirunelveli Dist) 7, K bridge (Nilgiris Dist) 5, Shencottah (Tirunelveli Dist) 4, Thenkasi (Tirunelveli Dist), Srivilliputhur (Virudhunagar Dist) 3 each, Ayikudi (Tirunelveli Dist), Periyakulam (Theni Dist), Palayamkottai (Tirunelveli Dist), Sankarankoil (Tirunelveli Dist), Coonoor (Nilgiris Dist), Bhoothapandy (Kanyakumari Dist), Cheranmahadevi (Tirunelveli Dist), Nagercoil (Kanyakumari Dist) 2 each, Peraiyur (Madurai Dist), Bodinayakanur arg (Theni Dist), Sivakasi (Virudhunagar Dist), Kalugumalai (Toothukudi Dist), Pollachi (Coimbatore Dist), Mettupalayam (Coimbatore Dist), Kuzhithurai (Kanyakumari Dist) 1 each.

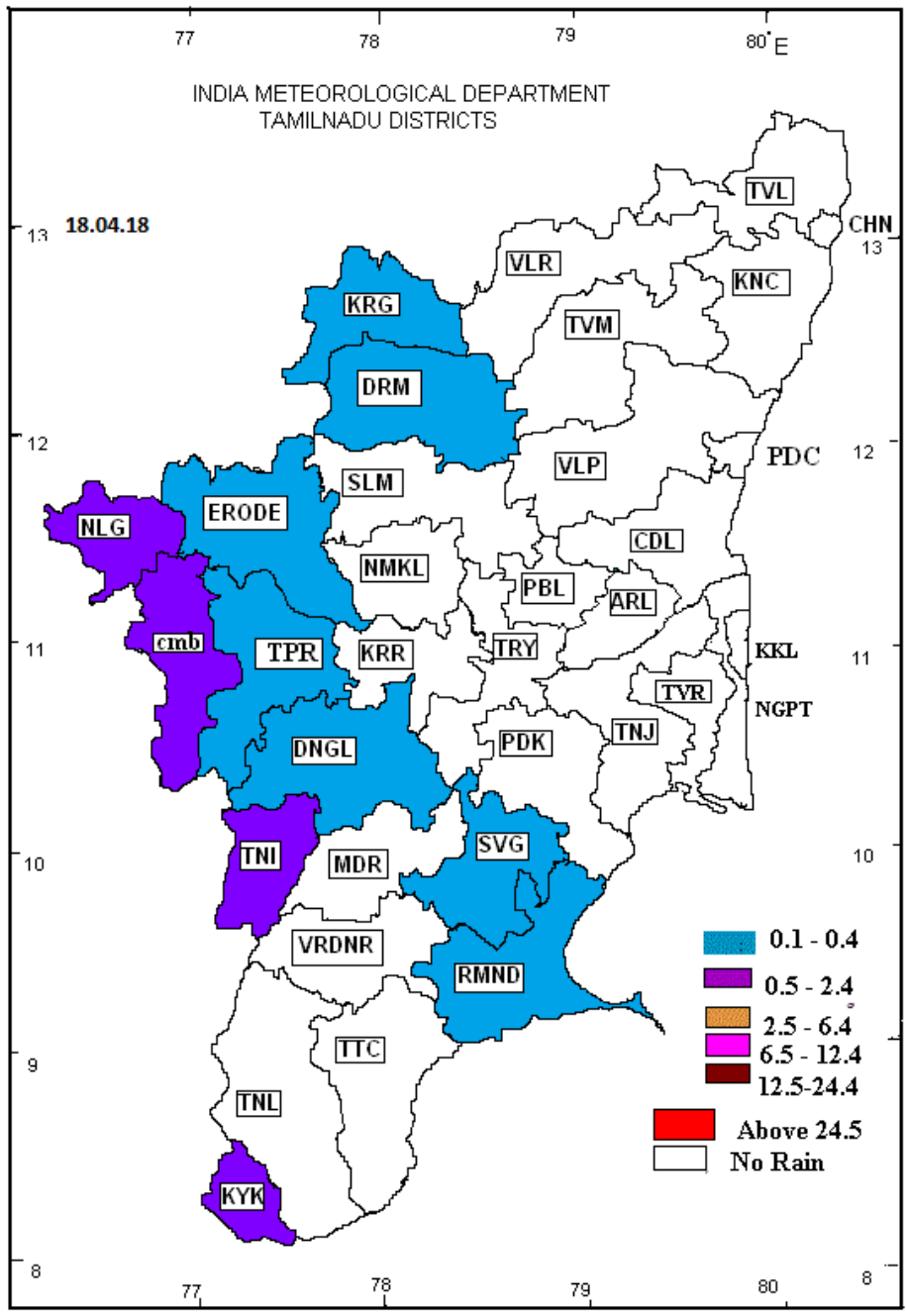
14.04.18: Vilathikulam (Toothukudi Dist) 11, Sivaganga (Sivaganga Dist) 10, Pattukottai (Thanjavur Dist), Coonoor (Nilgiris Dist), Coonoor pto (Nilgiris Dist), Bodinaickanur (Theni Dist) 6 each, Pechiparai (Kanyakumari Dist), Nagercoil (Kanyakumari Dist), Kamudhi (Ramanathapuram Dist) 5 each, Kovilpatti (Toothukudi Dist), Bhoothapandy (Kanyakumari Dist), Kalugumalai (Toothukudi Dist) 4 each, Colachel

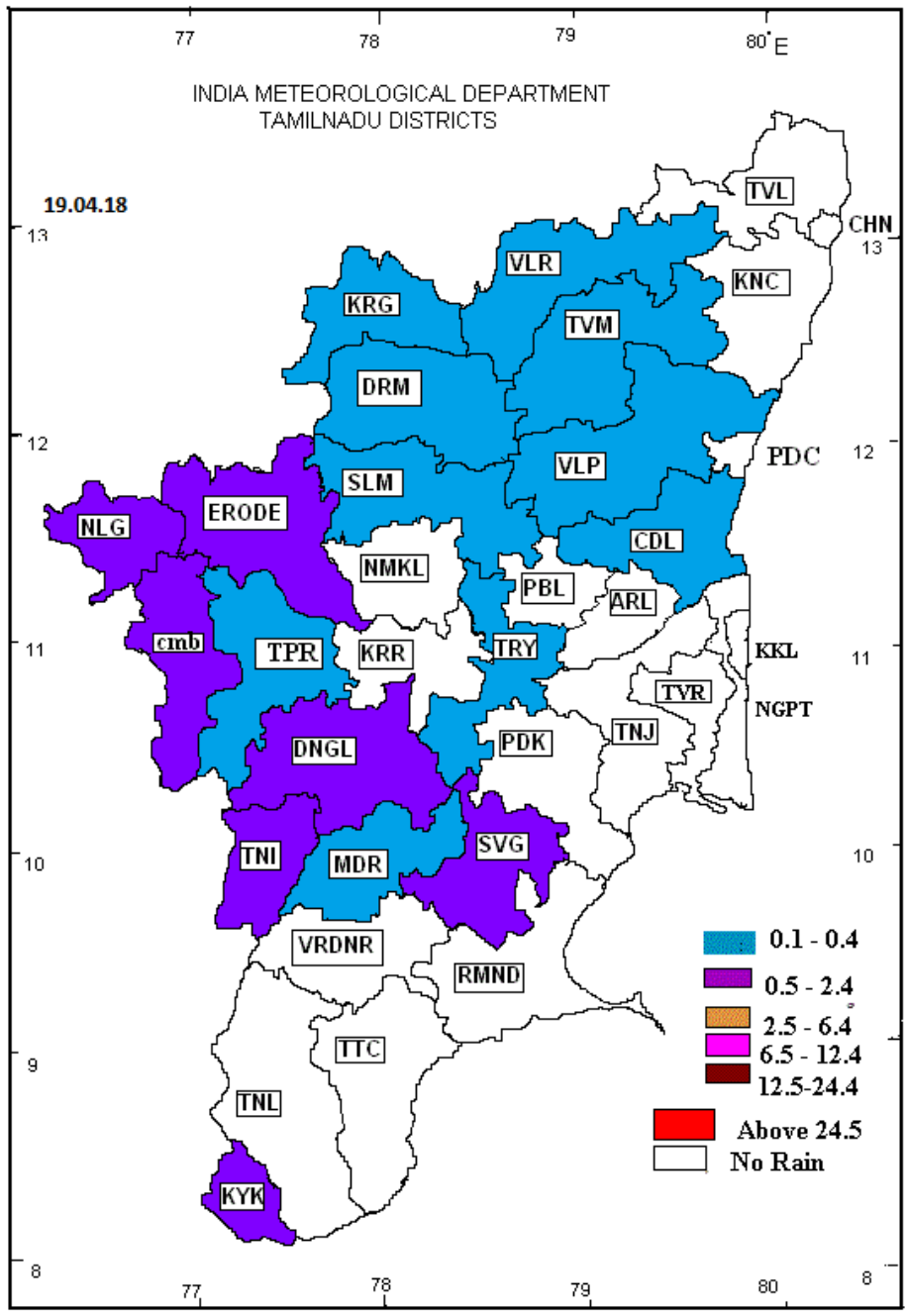
(Kanyakumari Dist), Peraiyur (Madurai Dist), Mettupalayam (Coimbatore Dist), Mudukulatur (Ramanathapuram Dist), Tuticorin (Toothukudi Dist), Thoothukudi port AWS (Toothukudi Dist), Srivilliputhur (Virudhunagar Dist) 3 each, Ambasamudram (Tirunelveli Dist), Periyanaickenpalayam (Coimbatore Dist), Ottapadiram (Toothukudi Dist), Airport Madurai (Madurai Dist), Thuckalay (Kanyakumari Dist), Manamadurai (Sivaganga Dist), Watrap (Virudhunagar Dist), Adirampatnam (Thanjavur Dist), Kothagiri (Nilgiris Dist), Manimutharu (Tirunelveli Dist), R.s.mangalam (Ramanathapuram Dist), Kadaladi (Ramanathapuram Dist), Madukkur (Thanjavur Dist), Sholavandan (Madurai Dist), Rajapalayam (Virudhunagar Dist), Periyakulam (Theni Dist), Eraniel (Kanyakumari Dist) 2 each, Manamelkudi (Pudukkottai Dist), Tiruchendur (Toothukudi Dist), Periyar (Theni Dist), Srimushnam (Cuddalore Dist), Gandarvakottai (Pudukkottai Dist), Sankarankoil (Tirunelveli Dist), Sattur (Virudhunagar Dist), Nagapattinam (Nagapattinam Dist), Pamban (Ramanathapuram Dist), Srivaikuntam (Toothukudi Dist), Palayamkottai (Tirunelveli Dist), Pudukkottai (Pudukkottai Dist), Tirupuvanam (Sivaganga Dist), Rameswaram (Ramanathapuram Dist), NeeDamangalam (Tiruvarur Dist), Valparai taluk office (Coimbatore Dist), Kuzhithurai (Kanyakumari Dist), Mettupatti (Madurai Dist), Vadipatti (Madurai Dist), Arimalam (Pudukkottai Dist), Thanjavur (Thanjavur Dist), Ramanathapuram (Ramanathapuram Dist), Mylaudy (Kanyakumari Dist), Mannargudi (Tiruvarur Dist), Orthanad (Thanjavur Dist), Uttamapalayam (Theni Dist), Cheranmahadevi (Tirunelveli Dist) 1 each..

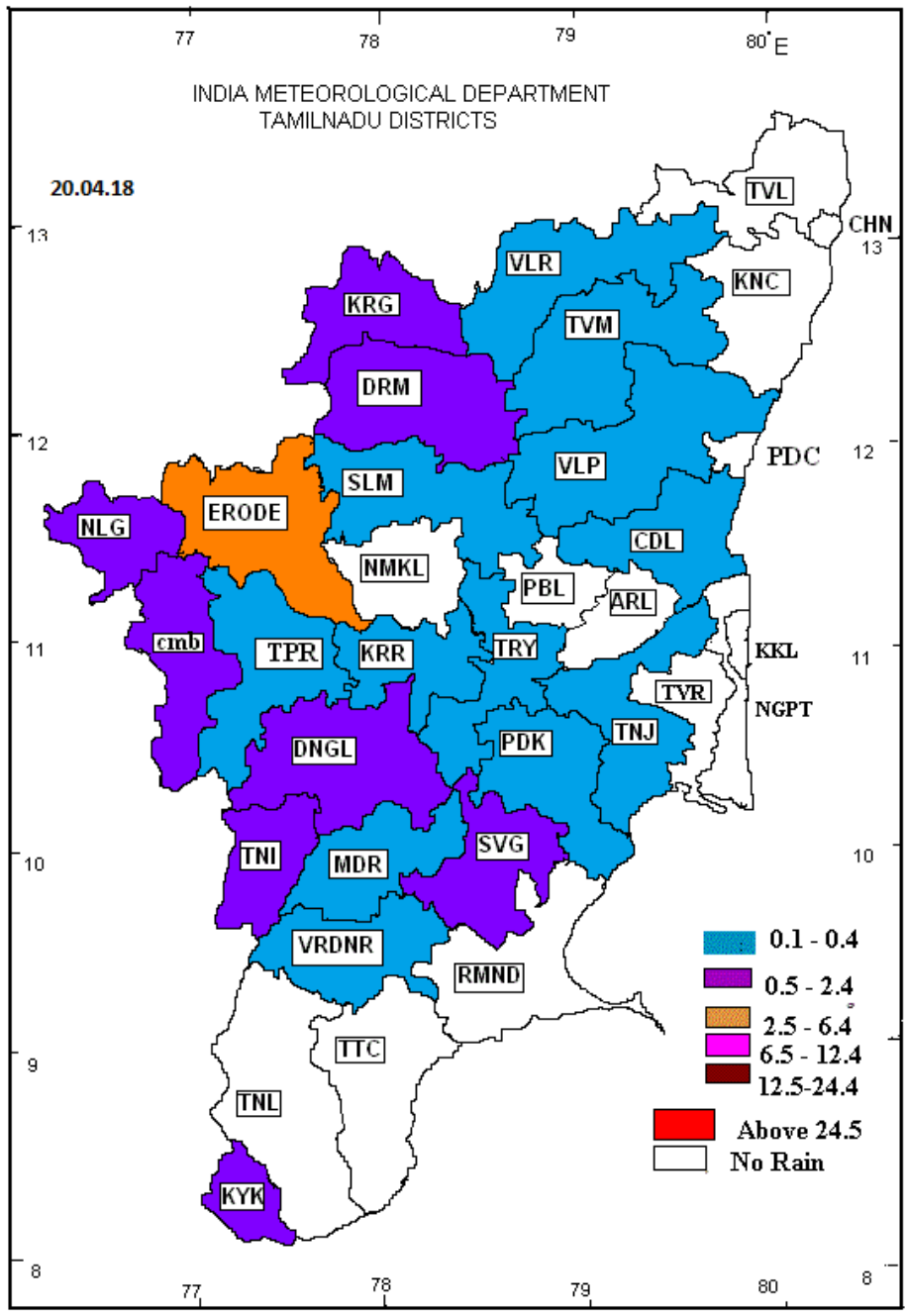
15.04.18: Kanyakumari (Kanyakumari Dist), Chittampatti (Madurai Dist), K bridge (Nilgiris Dist) 5 each, Sivakasi (Virudhunagar Dist), Mettupalayam (Coimbatore Dist) 4 each, Manamadurai (Sivaganga Dist), Madukkur (Thanjavur Dist), Kodaikanal (Dindigul Dist), Tirupuvanam (Sivaganga Dist), Thenkasi (Tirunelveli Dist) 3 each, Melur (Madurai Dist), Ayikudi (Tirunelveli Dist), Kalugumalai (Toothukudi Dist), Periyar (Theni Dist), Sattur (Virudhunagar Dist), Thiruchuzhi (Virudhunagar Dist), Valparai pto (Coimbatore Dist) 2 each, Pollachi (Coimbatore Dist), Nilakottai (Dindigul Dist), Mylaudy (Kanyakumari Dist), Pechiparai (Kanyakumari Dist), Sathyamangalam (Erode Dist), Paramakudi (Ramanathapuram Dist), Orthanad (Thanjavur Dist), Ramanathapuram (Ramanathapuram Dist), Airport Madurai (Madurai Dist), Valparai taluk office (Coimbatore Dist), Bhavanisagar (Erode Dist), Tirupathur (Sivaganga Dist), Rajapalayam (Virudhunagar Dist), Coonoor pto (Nilgiris Dist), Sivaganga (Sivaganga Dist), Vadipatti (Madurai Dist), Ketti (Nilgiris Dist), Kamudhi (Ramanathapuram Dist), Mettupatti (Madurai Dist), Srivilliputhur (Virudhunagar Dist), Pamban (Ramanathapuram Dist) 1 each.

16.04.18: Mettupalayam (Coimbatore Dist), Mylaudy (Kanyakumari Dist), Tiruchirappalli AP (Trichy Dist) 3 each, Kumarapalayam (Namakkal Dist), Cheranmahadevi (Tirunelveli Dist) 2 each, Eraniel (Kanyakumari Dist), Bhavani (Erode Dist), NeeDamangalam (Tiruvarur Dist), Rasipuram (Namakkal Dist) 1 each.

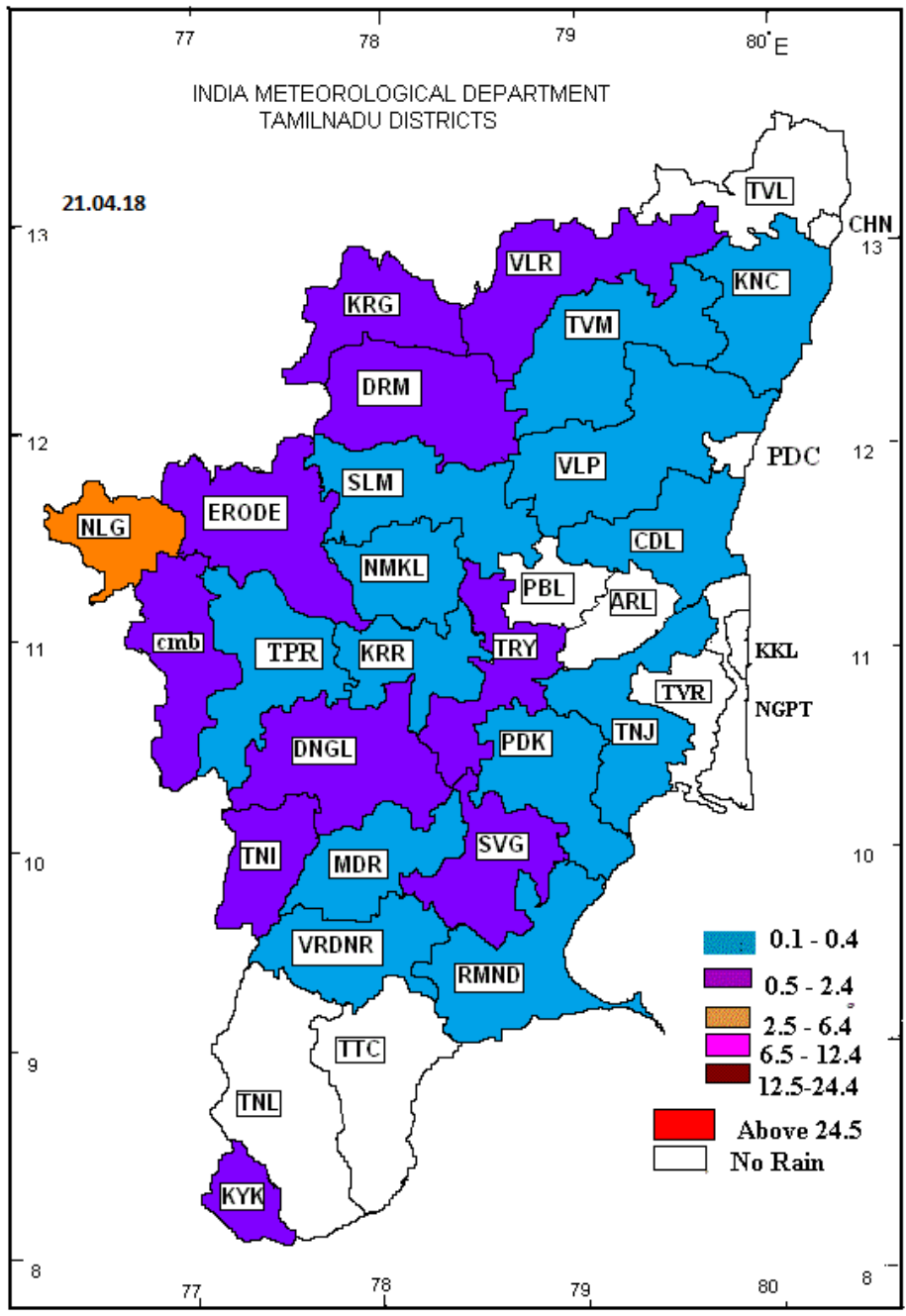
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 17.04.2018  
VALID FOR THE NEXT 5 DAYS**

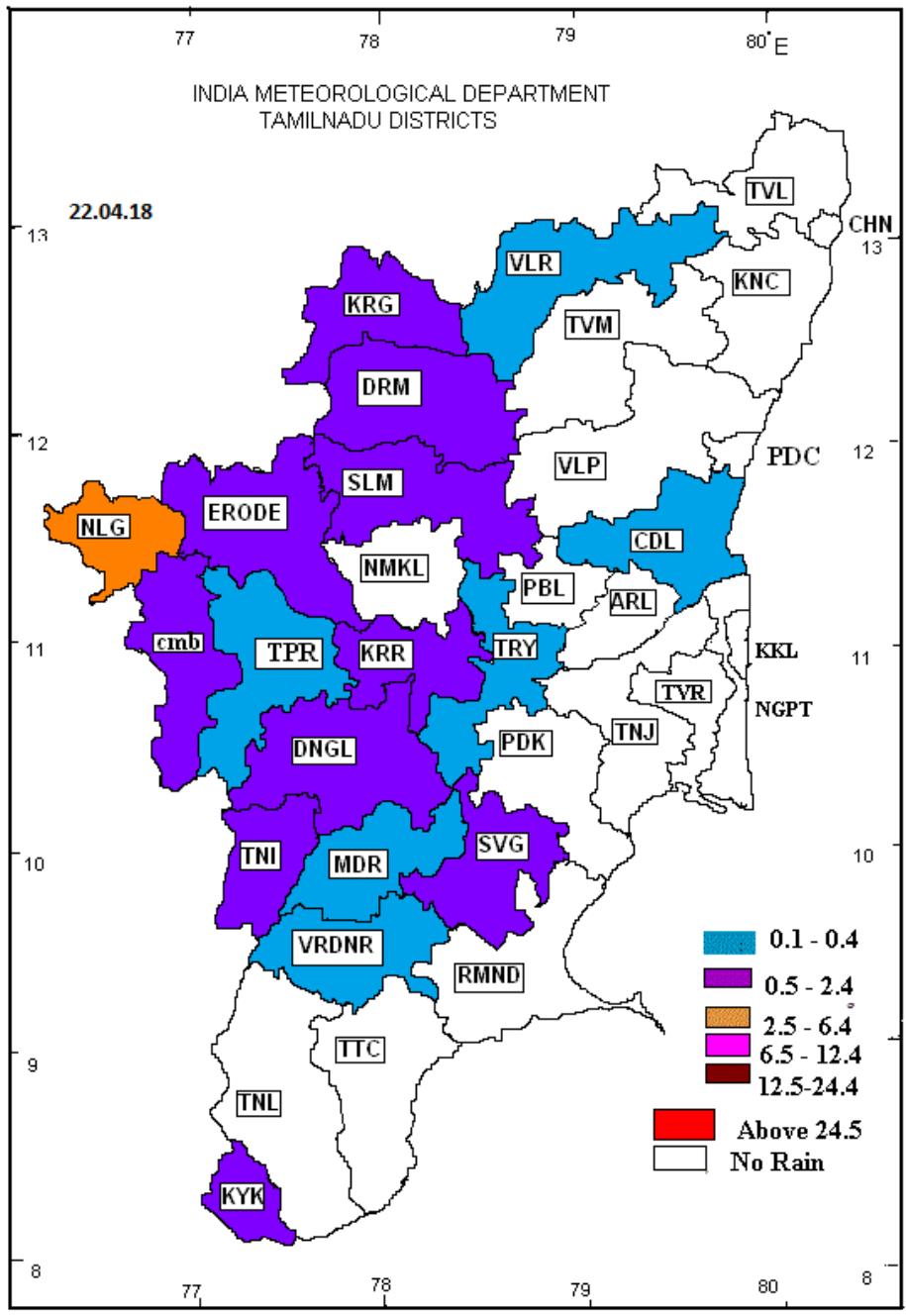












## **Districtwise Agromet Advisories**

### **Chennai , Kancheepuram & Thiruvallur**

#### Livestock:

Due to increase day temperature farmer's are advised to sprinkle water on the roof of the animal shed to reduce heat stress to the animals .

Poultry farmers are advised to cover the water tank by roof and pipe lines with wet gunny bags to provide cool drinking water during hot part of the day.

Due to increase in day temperature poultry farmers are advised to raise the feeders between 10 am to 5 pm, Provide mineral mixture and B-complex vitamins in drinking water to avoid heat stoke.

During day time farmers are advised to sprinkle water to high yielding dairy cows 2 or 3 time to reduce heat stress.

Avoid grazing of animals near ponds and lakes to avoid fluke infestation.

Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.

Agriculture (Krishi Vigyan Kendra, Kattupakkam)

Imp. Crops: Rice, Sugarcane and Groundnut

Two percent of DAP spray (Dissolve 4.5 kg of DAP in 10 litres of water previous day night and the supernatant liquid shall be mixed with 190 litres of water) may be done at the time of flowering and another dose fifteen days after the first spray for rice fallow pulses.

To prevent grain discolouration in rice, spray two gram of Carbendazim + Thiram + Mancozeb (1:1:1) mixture in one litre of water at 50% flowering stage or spray NSKE 5%

### **Villupuram , Thiruvannamalai, Vellore & Cuddalore**

#### Livestock:

Light rainfall may be expected from 19.04.2018 to 21.04.2018.

Due to increase day temperature farmer's are advised to sprinkle water on the roof of the animal shed to reduce heat stress to the animals .

Poultry farmers are advised to cover the water tank by roof and pipe lines with wet gunny bags to provide cool drinking water during hot part of the day.

Due to increase in day temperature poultry farmers are advised to raise the feeders between 10 am to 5 pm, Provide mineral mixture and B-complex vitamins in drinking water to avoid heat stoke.

During day time farmers are advised to sprinkle water to high yielding dairy cows 2 or 3 time to reduce heat stress.

Avoid grazing of animals near ponds and lakes to avoid fluke infestation.

Sheep and goat should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.

Agriculture

Imp. Crops: Rice, Sugarcane and Groundnut

Two percent of DAP spray (Dissolve 4.5 kg of DAP in 10 litres of water previous day night and the supernatant liquid shall be mixed with 190 litres of water) may be done at the time of flowering and another dose fifteen days after the first spray for rice fallow pulses.

To prevent grain discolouration in rice, spray two gram of Carbendazim + Thiram + Mancozeb (1:1:1) mixture in one litre of water at 50% flowering stage or spray NSKE 5%

## Nilgiris

Moderate rainfall is expected in the Nilgiris district for next five days. Growers are advised to Spray Neem oil (1% Azadirachtin) or Propargite 57% EC or Profenofos 50% EC/Dicofol 18.5% EC @ 2 ml / ltr of water to control mites in Tea crop. Using received rainfall, Chow chow can be planted in 45cm pits, 6 ft x 8 ft spacing. Plant 3 sprouted fruits per pit after filling with 10 kg compost, 250 g urea, 500 g super phosphate and 500 g potash. Due to high humidity and high day time temperature conditions prevailing, anthracnose disease is spreading in beans. To control, spray fungicide Carbendazim @ 2 g per litre of water.

## Coimbatore

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

V-Vegetative; S-Sowing; BP-Boll picking; F –Flowering

### Agro Advisory

Light rainfall is expected. By utilizing past week and expected rainfall summer ploughing may be done to improve infiltration rate of soil as well as to control the weed growth.

Normally summer rain accompanied with squally wind. Therefore stacking may be given to be five months and above banana crop.

Since light rainfall is expected irrigation may be done according to soil moisture especially coconut and banana.

Prevailing dry weather situation is favorable for spiraling white fly in tapioca and hence farmers are requested to monitor the crop carefully and keep yellow sticky trap in 5 to 6 places / ac or spray profenophos @2ml or Acephate @ 2gm/ liter of water.

In some places Thullumari disease is observed in sheep and goats hence farmers are requested to allow the sheep and goats only during sunshine hours further they are requested to vaccinate in nearby veterinary hospital.

### SMS advisory

Since light rainfall is expected irrigation may be done according to soil moisture especially coconut and banana.

## Erode

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

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

### Agro Advisory

Light rainfall is expected. By utilizing past week and expected rainfall summer ploughing may be done to improve infiltration rate of soil as well as to control the weed growth.

Normally summer rain accompanied with squally wind. Therefore stacking may be given to be five months and above banana crop.

Since light rainfall is expected irrigation may be done according to soil moisture especially coconut and banana.

Prevailing dry weather situation is favorable for spiraling white fly in tapioca and hence farmers are requested to monitor the crop carefully and keep yellow sticky trap in 5 to 6 places / ac or spray profenophos @2ml or Acephate @ 2gm/ liter of water.

In some places Thullumari disease is observed in sheep and goats hence farmers are requested to allow the sheep and goats only during sunshine hours further they are requested to vaccinate in nearby veterinary hospital.

### SMS advisory

Since light rainfall is expected irrigation may be done according to soil moisture especially coconut and banana.

## Tiruppur

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

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

#### Agro Advisory

Light rainfall is expected. By utilizing past week and expected rainfall summer ploughing may be done to improve infiltration rate of soil as well as to control the weed growth.

Normally summer rain accompanied with squally wind. Therefore stacking may be given to be five months and above banana crop.

Since light rainfall is expected irrigation may be done according to soil moisture especially coconut and banana.

Prevailing dry weather situation is favorable for spiraling white fly in tapioca and hence farmers are requested to monitor the crop carefully and keep yellow sticky trap in 5 to 6 places / ac or spray profenophos @2ml or Acephate @ 2gm/ liter of water.

In some places Thullumari disease is observed in sheep and goats hence farmers are requested to allow the sheep and goats only during sunshine hours further they are requested to vaccinate in nearby veterinary hospital.

#### SMS advisory

Since light rainfall is expected irrigation may be done according to soil moisture especially coconut and banana.

### **Ariyalur,Karur,Nagapattinam,Perambalur,Thanjavur,Thiruvarur & Thiruchirapalli**

Crop: Rice, blackgram, greengram and cotton Stage: Rice fallow pulses: Maturity stage; Cotton: Flowering stage As rice fallow blackgram is in maturity stage, harvesting is to be done by picking up the matured pods or uprooting the whole plants, heaping, drying and processing. After harvesting the blackgram, dry the seeds at 9 – 10% moisture content and treat the seeds with neem oil 1 litre or activated clay 1 kg/ 100 kg of seeds for safe storage. Under summer irrigated condition, carry out the sowing of blackgram in chittrai pattam. Blackgram variety ADT 5 and VBN 6 are more suitable for this season. In rice fallow cotton, spray cotton plus @ 2.5 kg/ac (2.5 kg of cotton plus dissolved in 200 litres of water) at flowering and boll formation stage. Livestock Dispose of manure frequently to eliminate the places for flies to lay eggs.

### **Thoothukudi**

Crop/ Ecosystem Stage / Activities Advisories Chilli Flowering to fruiting stage In order to conserve soil moisture dust mulch through manual hoeing and crop residue mulch in the inter-row space may be adopted. Fruit Rot / Die Back incidence in chilli is noticed. To control the disease spray Copper oxychloride 0.25% or Zineb 0.15%. Thrips incidence was noticed in chilli. The affected plants show symptoms of crinkling and upward curling of leaves and elongation of petiole. For controlling this pest spray imidachloprid 17.8 % SL @ 3 ml/ 10 litre of water or Dimethoate 30 % EC @1.0 ml/lit. Farmers are advised to go for mulching to preserve the soil moisture for the crop growth. Animal Husbandry In order to mitigate the effect of high temperature on animals provide adequate cool drinking water and green fodder and spray water on gunny bags surrounding the cattle shed. Vaccine for foot and mouth disease to the cattle is advised as prophylactic measure by utilizing the facility from nearby veterinary hospital. Rainfall Summer Ploughing Summer ploughing is advised to improve the infiltration rate of soil as well as to control the weed growth by utilizing the unexpected rainfall during summer months. Green manure crop Raise green manure crop by using unexpected rainfall during summer months. Prevailing high wind speed may damage the tall plantation. General

Weather Farmers are advised to do propping for Banana. For irrigated crops, wind speed will increase evaporation loss. Hence, regular interval of irrigation may be given to avoid heat stress. Banana Bunch development stage Use transparent polyethylene sleeves with 4% ventilation to cover the bunch immediately after opening of last hand to blemish free fruits with uniform size and quality. Prevailing weather condition is favorable for stem weevil incidence. Spraying of Monocrotophos 36 WSC @1 ml/lit of water. Prevailing weather condition is favourable for leaf folder incidence. Rice Milking stage Farmers are advised to spray any one of the following insecticides, Phosalon 35 EC 1500 ml / ha or Phosphamidon 40 SL 1250ml/ ha. Harvest technology The right stage for harvesting is when about 80% panicles have 80 % ripened spike lets and their upper portion is straw colored. The grain contains about 20% of moisture. SMS: Rain: Nil. Animal husbandry- Provide cool drinking water and green fodder and spray water on gunny bags surrounding the cattle shed.

### **Thirunelveli**

Crop/ Ecosystem Stage / Activities Advisories Chilli Flowering to fruiting stage In order to conserve soil moisture dust mulch through manual hoeing and crop residue mulch in the inter-row space may be adopted. Fruit Rot / Die Back incidence in chilli is noticed. To control the disease spray Copper oxychloride 0.25% or Zineb 0.15%. Thrips incidence was noticed in chilli. The affected plants show symptoms of crinkling and upward curling of leaves and elongation of petiole. For controlling this pest spray imidachloprid 17.8 % SL @ 3 ml/ 10 litre of water or Dimethoate 30 % EC @1.0 ml/lit. Farmers are advised to go for mulching to preserve the soil moisture for the crop growth. Temperature Crops Animal Husbandry In order to mitigate the effect of high temperature on animals provide adequate cool drinking water and green fodder and spray water on gunny bags surrounding the cattle shed. Vaccine for foot and mouth disease to the cattle is advised as prophylactic measure by utilizing the facility from nearby veterinary hospital. Rainfall Summer Ploughing Summer ploughing is advised to improve the infiltration rate of soil as well as to control the weed growth by utilizing the unexpected rainfall during summer months. Green manure crop Raise green manure crop by using unexpected rainfall during summer months. SMS: Rain: Nil. Animal husbandry- Provide cool drinking water and green fodder and spray water on gunny bags surrounding the cattle shed.

### **Virudhunagar**

Crop/ Ecosystem Stage / Activities Advisories Chilli Flowering to fruiting stage In order to conserve soil moisture dust mulch through manual hoeing and crop residue mulch in the inter-row space may be adopted. Fruit Rot / Die Back incidence in chilli is noticed. To control the disease spray Copper oxychloride 0.25% or Zineb 0.15%. Thrips incidence was noticed in chilli. The affected plants show symptoms of crinkling and upward curling of leaves and elongation of petiole. For controlling this pest spray imidachloprid 17.8 % SL @ 3 ml/ 10 litre of water or Dimethoate 30 % EC @1.0 ml/lit. Farmers are advised to go for mulching to preserve the soil moisture for the crop growth. Temperature Crops Animal Husbandry In order to mitigate the effect of high temperature on animals provide adequate cool drinking water and green fodder and spray water on gunny bags surrounding the cattle shed. Vaccine for foot and mouth disease to the cattle is advised as prophylactic measure by utilizing the facility from nearby veterinary hospital. Rainfall Summer Ploughing Summer ploughing is advised to improve the infiltration rate of soil as well as to control the weed growth by utilizing the unexpected rainfall during summer months. Green manure crop Raise green manure crop by using unexpected rainfall during summer months. SMS: Rain: 20, 21, & 22.4.18: 1, 2, & 1 mm. Animal husbandry- Provide cool drinking water and green fodder and spray water on gunny bags surrounding the cattle shed.

### **Dindigul**

Weather Based Agro-Advisories : Important Crops : Pepper & Animal husbandry Due to the prevailing weather condition there is incense of Wilt disease in Pepper. To control and prevent this disease, farmers are advised to soil drench each vine with 10gm of Trichoderma Viride, 10gm of Pseudomonas and 10gm of Bacillus per litre water. Since the day time temperature (TMax) is high enough, farmers are advised to feed the animals with adequate drinking water @ 80 – 100 liters per day per animal in four splits.

### **Madurai**

Weather Based Agro-Advisories : Important Crops : Banana & (Animal husbandry) Due to prevailing hot weather condition incense of Hard scale in Banana. Hard scale grubs bore into therhizome and cause death of the banana plant. Dark coloured tunnels seen in the rhizomes. Deaths of unopened pipe, withering of outer leaves are the other symptoms. To control by biological method, collect and destroy the affected plant parts, release coccinellid predators like Chilocorus nigritus, Symnus coccivora in affected banana field . Since the day time temperature (TMax) is high enough, farmers are advised to feed the animals with adequate drinking water @ 80 – 100 liters per day per animal in four splits.

### **Pudukottai**

Weather Based Agro - Advisories : Important Crops : Tomato & ( Animal husbandry ) Due to prevailing hot weather condition the incidence of Bacterial wilt in Tomato. Characteristic symptoms of bacterial wilt are the rapid and complete wilting of normal grown up plants. Lower leaves may drop before wilting. it may invade the cortex and pith and cause yellowish brown discoloration of tissues. To manage this avoid damage to seedling while transplanting and apply bleaching powder @ 10kg/ha. Keeping the Crop rotations, viz., cowpea-maize-cabbage, okra-cowpeamaize, maize- cowpea-maize and finger millet-egg plant are reported effective in reducing bacterial wilt of tomato. Since the day time temperature (TMax) is high enough, farmers are advised to feed the animals with adequate drinking water @ 80 – 100 liters per day per animal in four splits.

### **Ramanathapuram**

Weather Based Agro-Advisories : Important Crops : Coconut & ( Animal husbandry ) Prevailing weather is suitable for applying the bio-fertilizer in Coconut. Mix 50g of Azospirillum, 50g of Phosphobacteria (or) 100g of Azophos and 50g of VAM in sufficient quantity of compost or FYM and apply near feeding roots once in 6 months / palm starting from planting. Do not mix with chemical fertilizers and pesticides. Since the day time temperature (TMax) is high enough, farmers are advised to feed the animals with adequate drinking water @ 80 – 100 liters per day per animal in four splits.

### **Sivagangai**

Weather Based Agro - Advisories : Important Crops : Vegetables & ( Animal husbandry ) Considering the current weather condition, micronutrients can be applied for the vegetables crops through fertigation or foliar spray during the flowering to fruiting stage. Since the day time temperature (TMax) is high enough, farmers are advised to feed the animals with adequate drinking water @ 80 – 100 liters per day per animal in four splits.



### Theni

Weather Based Agro-Advisories : Important Crops : Moringa & ( Animal husbandry ) Due to the prevailing weather condition there are chances for incense of Bud worm in Moringa field. The bud worms are dirty brown in colour with a prominent mid dorsal stripe, black head and prothoracic shield. This Larva bores into flower buds and causes shedding. Collect and destroy the affected buds and flowers. Spray Malathion 1 litre/hectare. Since the day time temperature (TMax) is high enough, farmers are advised to feed the animals with adequate drinking water @ 80 – 100 liters per day per animal in four splits.

### Karaikal

As a summer crop, gingelly (for coarse textured soil) or ragi (for clay textured soil) @ 5 kg/ha may be raised utilizing additional irrigation facilities wherever available.

Two percent of DAP spray (Dissolve 4.5 kg of DAP in 10 litres of water previous day night and the supernatant liquid shall be mixed with 190 litres of water) may be done at the time of flowering and another dose fifteen days after the first spray for rice fallow pulses.

### Puducherry

As a summer crop, gingelly (for coarse textured soil) or ragi (for clay textured soil) @ 5 kg/ha may be raised utilizing additional irrigation facilities wherever available.

To prevent grain discolouration in rice, spray two gram of Carbendazim + Thiram + Mancozeb (1:1:1) mixture in one litre of water at 50% flowering stage or spray NSKE 5%.

### Salem,Namakkal,Dharmapuri & Krishnagiri

Though there will be cloudy sky and isolated rainfall over the district, maximum day time temperature will reach 39.0°C (102.2°F) and night temperature increase up to 27.0°C(80.6°F) . However, elevated wind speed and cloudy sky during evening hours will reduce the maximum temperature sharply. High temperature and its reduction due to wind speed and cloudy sky are routine weather phenomena during these days. Hence, feed and drinking water management should be adopted in such a way that it could improve bird's adaptation high temperature thereby reduces heat stroke in poultry.

#### **Special Agro advisory from Krishi Vigyan Kendra, Namakkal:**

2. Due to current weather conditions, farmers are advised to irrigate the agricultural crop and horticultural crop fields once in 5 days.

=====