



जिला स्तरतमिलनाडुके लिएकृषि मौसमसलाहकारबुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 051 /2017

For the period 0830 IST, 27th June 2017 to
0830 IST, 30th June 2017

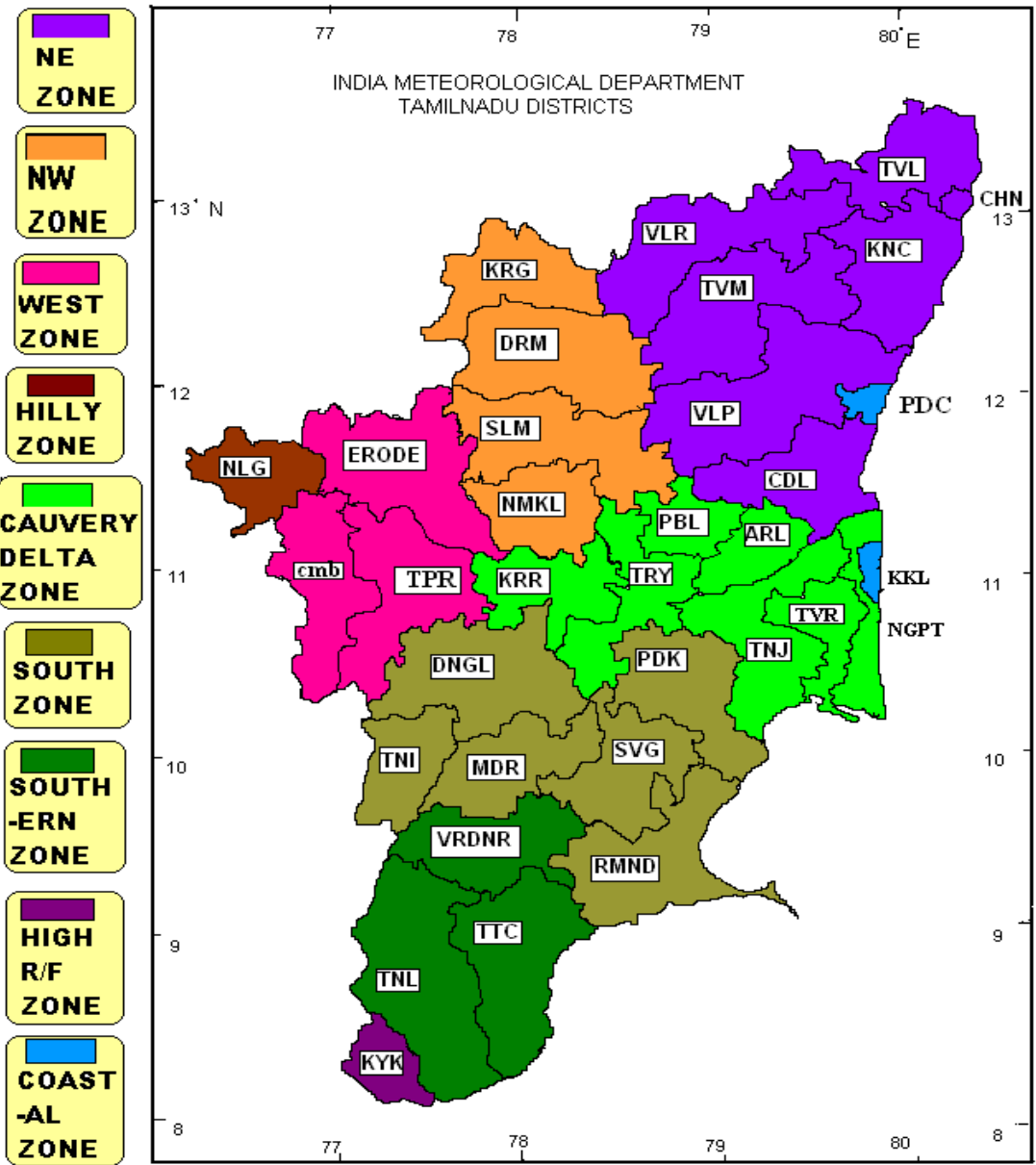
Issued on Tuesday, 27th June 2017

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 23.06.17 to 26.06.17 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 29°C – 40°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 17°C – 22°C during the period.

Minimum temperature of range 22°C - 30°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)	24.06.17 & 25.06.17 25.06.17	Tamil Nadu Puducherry
Isolated (Isolated Places)	23.06.17 & 26.06.17	Tamil Nadu
Dry	23.06.17, 24.06.17 & 26.06.17	Puducherry

Chief Amounts of Rainfall (in cms):-

23.06.17: Ariyalur (Ariyalur Dist) 3, R.k.pet (Tiruvallur Dist), Valparai pto (Coimbatore Dist), Thuraiyur (Trichy Dist), Chinnakalar (Coimbatore Dist), Sholingur (Vellore Dist), Arakonam (Vellore Dist) 1 each.

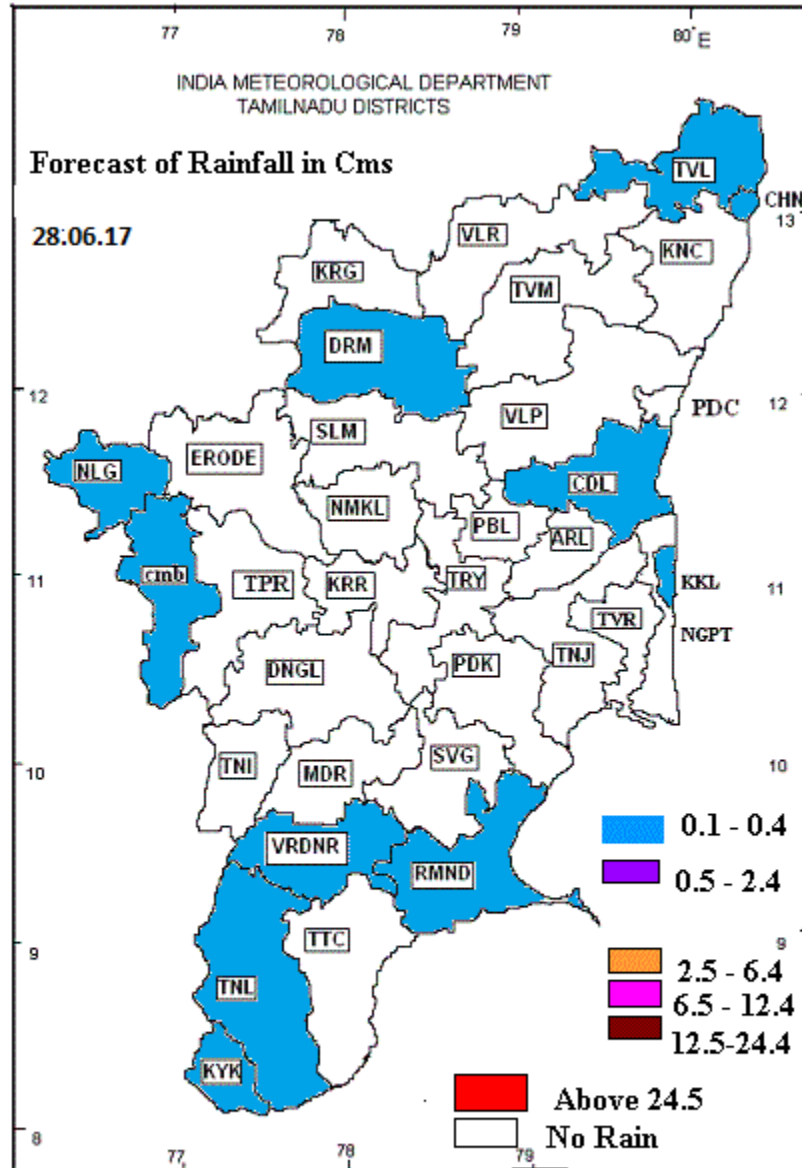
24.06.17 : Kancheepuram (Kancheepuram Dist) 6, Coonoor pto (Nilgiris Dist), Valparai pto (Coimbatore Dist), Chengalpattu (Kancheepuram Dist) 4 each, Chembarabakkam (Tiruvallur Dist), Tiruvallur (Tiruvallur Dist), Virudachalam (Cuddalore Dist), Chinnakalar (Coimbatore Dist), Arani (Tiruvannamalai Dist),

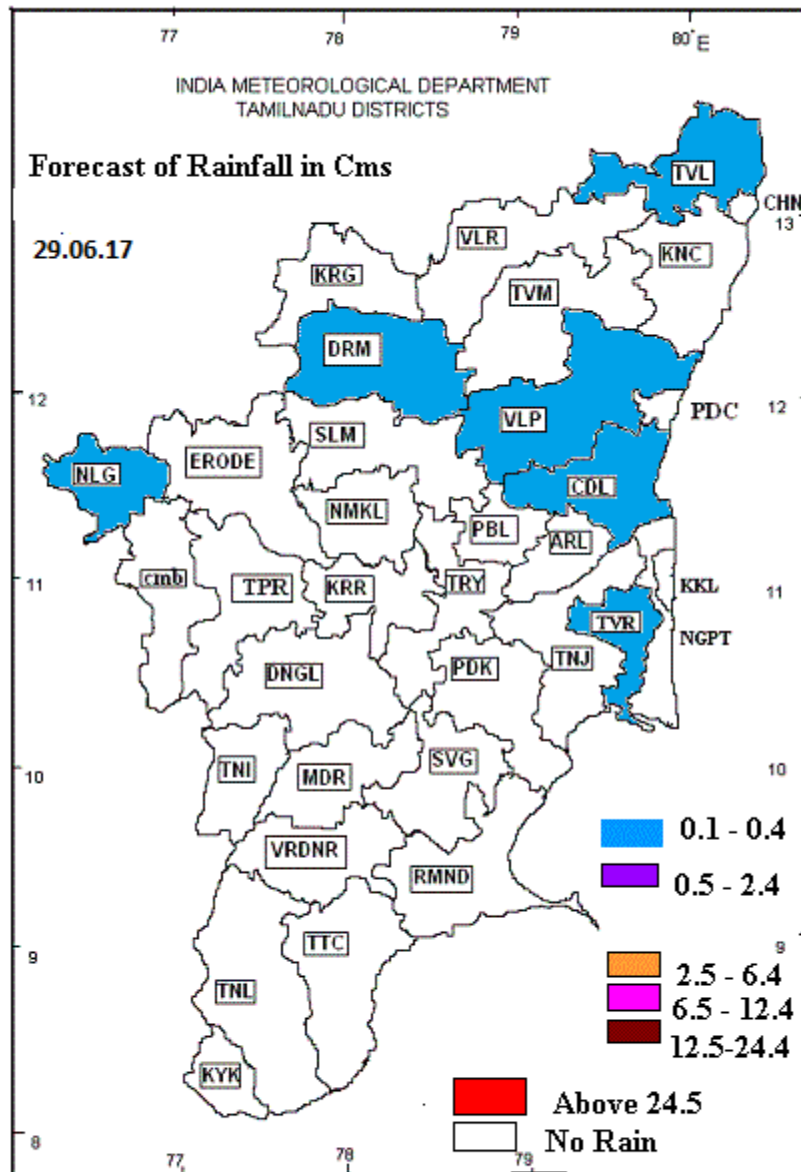
Kumarapalayam (Namakkal Dist), Kaveripakkam (Vellore Dist), Ennore AWS (Tiruvallur Dist), Chennai AP (Kancheepuram Dist) 3 each, Wallajah (Vellore Dist), Yercaud (Salem Dist), Coonoor (Nilgiris Dist), Kalavai AWS (Vellore Dist), Periyar (Theni Dist), Madavaram AWS (Tiruvallur Dist), Bhavani (Erode Dist), Tiruttani (Tiruvallur Dist), Mahabalipuram (Kancheepuram Dist), Vellore (Vellore Dist), G Bazar (Nilgiris Dist), Valparai taluk office (Coimbatore Dist), Thuckalay (Kanyakumari Dist) 2 each, Chennai(N) (Chennai Dist), Ponneri (Tiruvallur Dist), Thiruvallangadu (Tiruvallur Dist), Tambaram (Kancheepuram Dist), Kelambakkam (Kancheepuram Dist), Sholingur (Vellore Dist), Arakonam (Vellore Dist), Pechiparai (Kanyakumari Dist), Poondi (Tiruvallur Dist), Sethiathope (Cuddalore Dist), Satyabama uty arg (Kancheepuram Dist), Thamaraipakkam (Tiruvallur Dist), Kuzhithurai (Kanyakumari Dist), Anna University (Chennai Dist), Omalur (Salem Dist), Sriperumbudur (Kancheepuram Dist), Anna uty arg (Chennai Dist), Papanasam (Thanjavur Dist), Arantangi (Pudukkottai Dist), Pudukkottai (Pudukkottai Dist), Red hills (Tiruvallur Dist), Vilupuram (Villupuram Dist), Mettupalayam (Coimbatore Dist), Nagercoil (Kanyakumari Dist), Cholavaram (Tiruvallur Dist) 1 each.

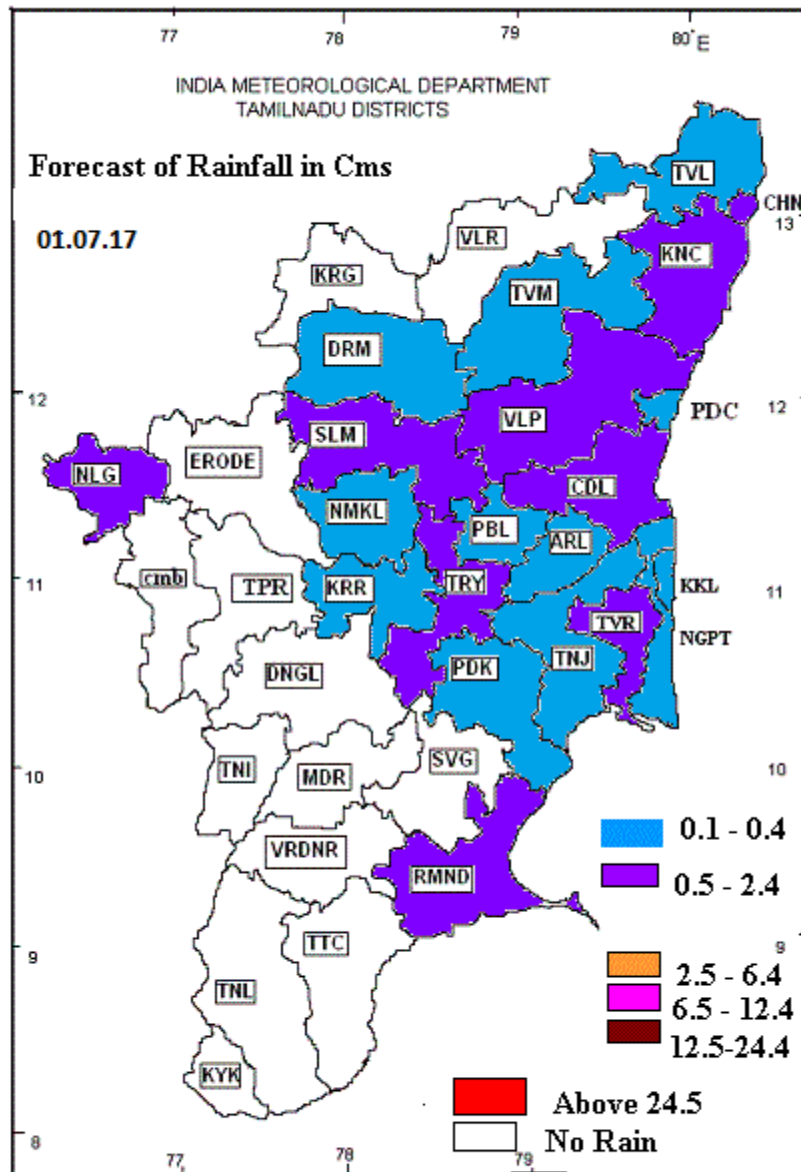
25.06.17 : Periyar (Theni Dist) 7, Chinnakalar (Coimbatore Dist), Valparai pto (Coimbatore Dist) 6 each, Valparai taluk office (Coimbatore Dist) 4, Mangalapuram (Namakkal Dist) 3, Salem (Salem Dist), Naduvattam (Nilgiris Dist), Gingee (Villupuram Dist), G Bazar (Nilgiris Dist), Viralimalai (Pudukkottai Dist), Cheyyur (Kancheepuram Dist), Colachel (Kanyakumari Dist) 2 each, Omalur (Salem Dist), Hogenekal (Dharmapuri Dist), Kuzhithurai (Kanyakumari Dist), Madukkur (Thanjavur Dist), Chennai AP (Kancheepuram Dist), Vanur (Villupuram Dist), Devala (Nilgiris Dist), Sankaridurg (Salem Dist), Yercaud (Salem Dist) 1 each.

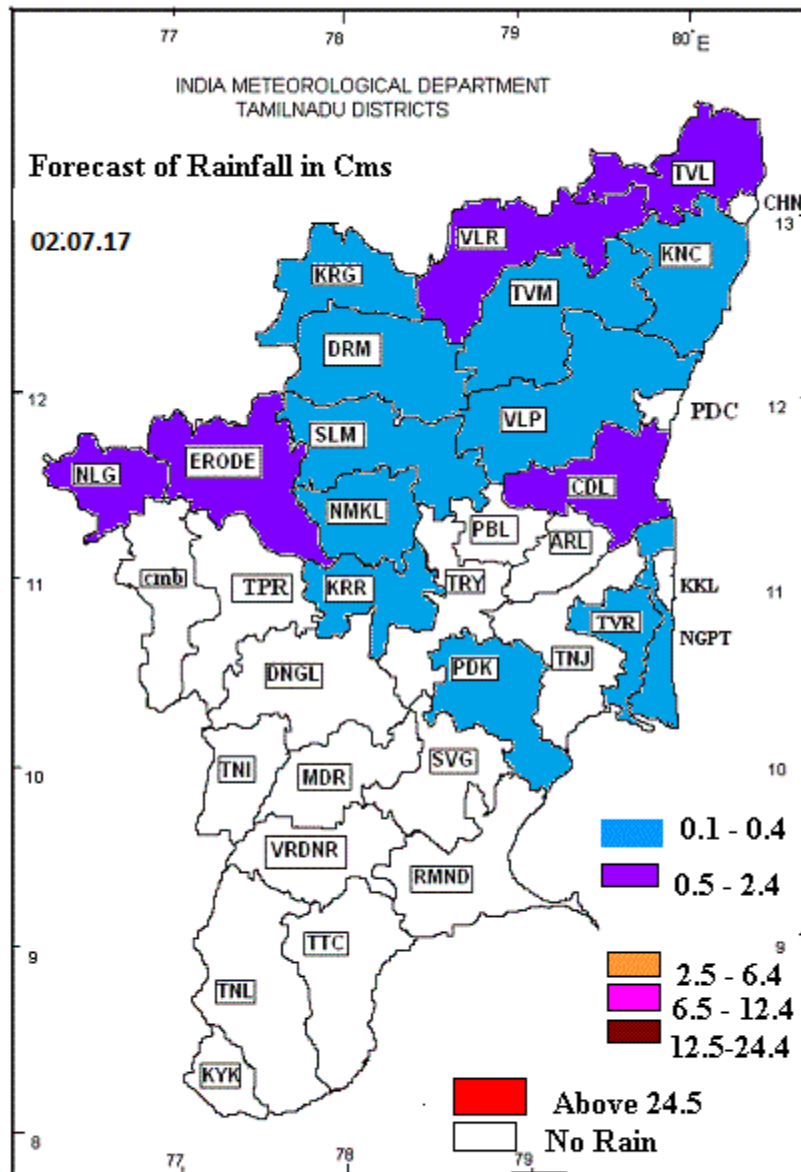
26.06.17 : Valparai pto (Coimbatore Dist) 7, Valparai taluk office (Coimbatore Dist), Chinnakalar (Coimbatore Dist) 6 each, Eraniel (Kanyakumari Dist), Kuzhithurai (Kanyakumari Dist), Thuckalay (Kanyakumari Dist), Colachel (Kanyakumari Dist) 4 each, Papanasam (Tirunelveli Dist), Mylaudy (Kanyakumari Dist), Kanyakumari (Kanyakumari Dist), Nagercoil (Kanyakumari Dist), Periyar (Theni Dist) 3 each, Shencottah (Tirunelveli Dist), Thenkasi (Tirunelveli Dist), Pechiparai (Kanyakumari Dist), Bhoothapandy (Kanyakumari Dist) 2 each, Pollachi (Coimbatore Dist), Illayangudi (Sivaganga Dist), Ponneri (Tiruvallur Dist), R.s.mangalam (Ramanathapuram Dist), Cheranmahadevi (Tirunelveli Dist), Tiruvadana (Ramanathapuram Dist) 1 each.

**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 27.06.2017
VALID FOR THE NEXT 5 DAYS**









Districtwise Agromet Advisories

Chennai

Livestock:

Light rainfall may be expected on 28.06.2017 and 01.07.2017.

During summer 3 grams of Aspergillusorizae yeast to be added to the feed to reduce heat stress to the animals.

Paddy straw and other dry roughages must be chapped into 1-2 inches length and smear with 2% salt solution to reduce wastage of feed.

Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.

Coconut leaves or paddy straws may be spread over the roof of the animal shed and spray water to avoid heat stress to the animals.

Sheep and goat shed remove 3-4 inches of mud floor and replace it with new mud to avoid infection.

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

Backyard poultry farmer advised to vaccinate against ranikhet disease.

Agriculture (Krishi Vigyan Kendra, Kattupakkam)

Imp. Crops: Rice, Sugarcane and Groundnut

To control thrips and other sucking pest in cotton spray *Imidacloprid* 200 SL @ 100 ml/ha (or)

Dimethoate 30 EC @ 500 ml/ha or *Azadirachtin* 0.03% EC @ 500 ml/ha.

To control powdery mildew in rice fallow pulses, spray 5% Neem Seed Kernel Extract or Mancozeb @ 400 g/ac or Wettable Sulphur @ 1 kg/ac during morning or evening hours.

Kancheepuram

Livestock:

Light rainfall may be expected on 01.07.2017 and 02.07.2017.

During summer 3 grams of Aspergillusorizae yeast to be added to the feed to reduce heat stress to the animals.

Paddy straw and other dry roughages must be chapped into 1-2 inches length and smear with 2% salt solution to reduce wastage of feed.

Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.

Coconut leaves or paddy straws may be spread over the roof of the animal shed and spray water to avoid heat stress to the animals.

Sheep and goat shed remove 3-4 inches of mud floor and replace it with new mud to avoid infection.

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

Backyard poultry farmer advised to vaccinate against ranikhet disease.

Agriculture (Krishi Vigyan Kendra, Kattupakkam)

Imp. Crops: Rice, Sugarcane and Groundnut

To control thrips and other sucking pest in cotton spray *Imidacloprid* 200 SL @ 100 ml/ha (or)

Dimethoate 30 EC @ 500 ml/ha or *Azadirachtin* 0.03% EC @ 500 ml/ha.

To control powdery mildew in rice fallow pulses, spray 5% Neem Seed Kernel Extract or Mancozeb @ 400 g/ac or Wettable Sulphur @ 1 kg/ac during morning or evening hours.

Thiruvallur

Livestock:

Light rainfall may be expected from next five days.

During summer 3 grams of *Aspergillus oryzae* yeast to be added to the feed to reduce heat stress to the animals.

Paddy straw and other dry roughages must be chapped into 1-2 inches length and smear with 2% salt solution to reduce wastage of feed.

Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.

Coconut leaves or paddy straws may be spread over the roof of the animal shed and spray water to avoid heat stress to the animals.

Sheep and goat shed remove 3-4 inches of mud floor and replace it with new mud to avoid infection.

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

Backyard poultry farmer advised to vaccinate against ranikhet disease.

Agriculture (Krishi Vigyan Kendra, Kattupakkam)

Imp. Crops: Rice, Sugarcane and Groundnut

To control thrips and other sucking pest in cotton spray *Imidacloprid* 200 SL @ 100 ml/ha (or)

Dimethoate 30 EC @ 500 ml/ha or *Azadirachtin* 0.03% EC @ 500 ml/ha.

To control powdery mildew in rice fallow pulses, spray 5% Neem Seed Kernel Extract or Mancozeb @ 400 g/ac or Wettable Sulphur @ 1 kg/ac during morning or evening hours.

Vellore

Livestock:

Light rainfall may be expected on 02.07.2017.

During summer 3 grams of *Aspergillus oryzae* yeasts to be added to the feed to reduce heat stress to the animals.

Paddy straw and other dry roughages must be chapped into 1-2 inches length and smear with 2% salt solution to reduce wastage of feed.

Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.

Coconut leaves or paddy straws may be spread over the roof of the animal shed and spray water to avoid heat stress to the animals.

Sheep and goat shed remove 3-4 inches of mud floor and replace it with new mud to avoid infection.

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

Backyard poultry farmer advised to vaccinate against ranikhet disease.

Agriculture

Imp. Crops: Rice, Sugarcane and Groundnut

To control thrips and other sucking pest in cotton spray *Imidacloprid* 200 SL @ 100 ml/ha (or)

Dimethoate 30 EC @ 500 ml/ha or *Azadirachtin* 0.03% EC @ 500 ml/ha.

To control powdery mildew in rice fallow pulses, spray 5% Neem Seed Kernel Extract or Mancozeb @ 400 g/ac or Wettable Sulphur @ 1 kg/ac during morning or evening hours.

Thiruvannamalai

Livestock:

Light rainfall may be expected from 30.06.2017 to 02.07.2017.

During summer 3 grams of *Aspergillus oryzae* yeast to be added to the feed to reduce heat stress to the animals.

Paddy straw and other dry roughages must be chapped into 1-2 inches length and smear with 2% salt solution to reduce wastage of feed.

Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.

Coconut leaves or paddy straws may be spread over the roof of the animal shed and spray water to avoid heat stress to the animals.

Sheep and goat shed remove 3-4 inches of mud floor and replace it with new mud to avoid infection.

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

Backyard poultry farmer advised to vaccinate against ranikhet disease.

Agriculture

Imp. Crops: Rice, Sugarcane and Groundnut

To control thrips and other sucking pest in cotton spray *Imidacloprid* 200 SL @ 100 ml/ha (or) *Dimethoate* 30 EC @ 500 ml/ha or *Azadirachtin* 0.03% EC @ 500 ml/ha.

To control powdery mildew in rice fallow pulses, spray 5% Neem Seed Kernel Extract or Mancozeb @ 400 g/ac or Wettable Sulphur @ 1 kg/ac during morning or evening hours.

Cuddalore

Livestock:

Light rainfall may be expected on next five days except on 29.06.2017.

During summer 3 grams of *Aspergillus oryzae* yeast to be added to the feed to reduce heat stress to the animals.

Paddy straw and other dry roughages must be chapped into 1-2 inches length and smear with 2% salt solution to reduce wastage of feed.

Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.

Coconut leaves or paddy straws may be spread over the roof of the animal shed and spray water to avoid heat stress to the animals.

Sheep and goat shed remove 3-4 inches of mud floor and replace it with new mud to avoid infection.

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

Backyard poultry farmer advised to vaccinate against ranikhet disease.

Agriculture

Imp. Crops: Rice, Sugarcane and Groundnut

To control thrips and other sucking pest in cotton spray *Imidacloprid* 200 SL @ 100 ml/ha (or) *Dimethoate* 30 EC @ 500 ml/ha or *Azadirachtin* 0.03% EC @ 500 ml/ha.

To control powdery mildew in rice fallow pulses, spray 5% Neem Seed Kernel Extract or Mancozeb @ 400 g/ac or Wettable Sulphur @ 1 kg/ac during morning or evening hours.

Villupuram

Livestock:

Light rainfall may be expected on 29.06.2017, 01.07.2017 and 02.07.2017.

During summer 3 grams of *Aspergillus oryzae* yeast to be added to the feed to reduce heat stress to the animals.

Paddy straw and other dry roughages must be chopped into 1-2 inches length and smear with 2% salt solution to reduce wastage of feed.

Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.

Coconut leaves or paddy straws may be spread over the roof of the animal shed and spray water to avoid heat stress to the animals.

Sheep and goat shed remove 3-4 inches of mud floor and replace it with new mud to avoid infection.

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

Backyard poultry farmer advised to vaccinate against ranikhet disease.

Agriculture

Imp. Crops: Rice, Sugarcane and Groundnut

To control thrips and other sucking pest in cotton spray *Imidacloprid* 200 SL @ 100 ml/ha (or)

Dimethoate 30 EC @ 500 ml/ha or *Azadirachtin* 0.03% EC @ 500 ml/ha.

To control powdery mildew in rice fallow pulses, spray 5% Neem Seed Kernel Extract or Mancozeb @ 400 g/ac or Wettable Sulphur @ 1 kg/ac during morning or evening hours.

Thoothukudi, Virudhunagar & Thirunelveli

Crop/ Farming system	Stage / Activities	Advisories
Tirunelveli, Thoothukudi Virudhunagar districts		
Brinjal	Fruiting stage	As high cloud cover and moderate humidity expected in the coming days, lace wing bug incidence may occur. To control this bug spray Dimethoate 30% EC @ 1 ml/ lit of water.

SMS:

No rain. Brinjal- lace wing bug- **to control** spray dimethoate 30% EC @ 1 ml/ lit of water.

Karaikal

To control pink bollworm in cotton spray Triazophos 40 EC @ 1.5 - 2 litre / ha

To prevent early shedding of buds and squares in cotton spray 40 ppm NAA (40 mg of Naphthalene Acetic Acid in one litre of water) at 60 and 90 DAS.

To control root rot disease in cotton, drench the soil with Carbendazim @ 1 g per litre or Carbendazim + Iprodione @ 1 g per litre or Trifloxystrobin + Tebuconazole @ 0.75 g per litre at the base of the diseased plant as well as around the healthy plant so as to wet 10-15cm depth of soil.

To control mealy bug in cotton spray Thiamethoxam 25 WG @ 100 g/ha or Dimethoate 30 EC 2 ml /litre.

Puducherry

To manage thrips in rice spray Thiamethoxam 25 WG 100 g/ha or Imidacloprid 17.8 SL 100 ml per ha or Neem Seed Kernel Extract 5%.

To control shoot and fruit borer in brinjal, apply Emamectin benzoate 5 SG @ 200 g/ha.

To control shoot borer in sesame, apply Quinalphos 25 EC @ 2 litre/ha.

Kanyakumari

There is a possibility of scanty rainfall. 2. Irrigation should be given to the newly planted fruit trees and other horticultural crops. 3. Coconut: Apply coir pith up to a height of 10 cm in the basin of coconut trees. 4. Sufficient irrigation should be given to vegetable crops. 5. Pineapple: Mulching have to be done to pineapple for moisture conservation. 6. Banana: The dried and diseased leaves have to be removed to control the spread of leaf spot disease

Nilgiris

Light rainfall is expected in the district for next five days.] During rainy days, drainage facilities should be created to drain excess water.] Due to cloudy weather, there may be chances for the spread of fungal diseases in hilly] vegetable crops. Farmers are advised to adopt prophylactic fungicide spray to control fungal diseases.

Salem,Namakkal,Dharmapuri&Krishnagiri

Special Weather Advisory Bulletin for Poultry Farming:

For next three days, the sky will be intermittently cloudy with chance of mild rainfall at one or two places. Maximum and minimum temperature will be reduced to around 33.0°C (91.4°F) and 22.0°C (71.6°F) respectively. Wind speed will be elevated to around 10 km/hour, mostly from west direction. Relative humidity will be in the range of 45 - 70%.

Active southwest monsoon over Kerala infuses high wind speed and cloudiness over the region. This will greatly reduce temperature. Hence, birds will not experience any heat stress. However, feed wastage due to high wind speed will occur in elevated poultry houses, which is estimated to be around 3g/day. This could be a considerable economic loss in long term. Hence, control feed wastage by using curtains over the side of the elevated poultry houses.

Special Agroadvisory from Krishi Vigyan Kendra, Namakkal:

As this season is suitable for cultivation of small onion, farmers can treat required seed bulbs (500 kg/acre) before cultivation. This can be done by mixing 4g *Trichoderma viride* per kilogram of seed bulb and dried under shades for 24 hours before cultivation. The treated seeds can be cultivated at 15 x 10 cm spacing.

Coimbatore

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

V-Vegetative; P – Planting ; M–Maturity; BP–Boll picking; S–Sowing

Agro Advisory

Heavy wind (>16 km/hr) is anticipated. Hence, early season sugarcane and five months old banana crops may be propped against lodging.

De-trashing or remove dry cane leaves to avoid borer infestation in early season planted cane of 150 days old.

Considering the anticipated rainfall apply topdressing to 40 and 60 days old turmeric @ 22 kg urea, 72 kg Potash /acre.

Dry weather or light drizzling is expected for next 5 days. By utilizing received rainfall, apply fertilizer for coconut @ 650 gm urea, 1kg SuPo₄, 1kg MOP and 2kg Neem cake along with 50kg FYM.

Considering the prevailing weather, root feeding of TNAU coconut tonic 200ml/ tree is advised for arresting button shedding in coconut.

SMS advisory

Considering the prevailing weather, root feeding of TNAU coconut tonic 200ml/ tree is advised for arresting button shedding in coconut.

Erode

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

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

Agro Advisory

Heavy wind (>16 km/hr) is anticipated. Hence, early season sugarcane and five months old banana crops may be propped against lodging.

De-trashing or remove dry cane leaves to avoid borer infestation in early season planted cane of 150 days old.

Considering the anticipated rainfall apply topdressing to 40 and 60 days old turmeric @ 22 kg urea, 72 kg Potash /acre.

Dry weather or light drizzling is expected for next 5 days. By utilizing received rainfall, apply fertilizer for coconut @ 650 gm urea, 1kg SuPo₄, 1kg MOP and 2kg Neem cake along with 50kg FYM.

Considering the prevailing weather, root feeding of TNAU coconut tonic 200ml/ tree is advised for arresting button shedding in coconut.

SMS advisory

Considering the prevailing weather, root feeding of TNAU coconut tonic 200ml/ tree is advised for arresting button shedding in coconut.

Tiruppur

Blocks	Sugar cane	Rice	Turmeric	Irrigated Maize	Cotton
Avinashi	V	M	LP	V	BP
Kankayam	V	M	LP	V	BP
Madathukulam	V	M	LP	V	BP
Gudimangalam	V	M	LP	V	BP
Palladam	V	M	LP	V	BP
Dharapuram	V	M	LP	V	BP
Udumalpet	V	M	LP	V	BP

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

Agro Advisory

Heavy wind (>16 km/hr) is anticipated. Hence, early season sugarcane and five months old banana crops may be propped against lodging.

De-trashing or remove dry cane leaves to avoid borer infestation in early season planted cane of 150 days old.

Considering the anticipated rainfall apply topdressing to 40 and 60 days old turmeric @ 22 kg urea, 72 kg Potash /acre.

Dry weather or light drizzling is expected for next 5 days. By utilizing received rainfall, apply fertilizer for coconut @ 650 gm urea, 1kg SuPo₄, 1kg MOP and 2kg Neem cake along with 50kg FYM.

Considering the prevailing weather, root feeding of TNAU coconut tonic 200ml/ tree is advised for arresting button shedding in coconut.

SMS advisory

Considering the prevailing weather, root feeding of TNAU coconut tonic 200ml/ tree is advised for arresting button shedding in coconut.

Dindigul

Weather Based Agro-Advisories : (Important Crops : Vegetables, Onion) Prevailing weather the White downy growth in onion ,it appears on the surface of the onion leaves. In the final stage infected leaves are dried up. To control this three spraying with Mancozeb 0.2 % is effective. Spraying should be started 20 days after transplanting and repeated at 10-12 days interval. Prevailing current weather there is a possibility for multiplication of jassids, thrips, whitefly, spiraling whitefly and different species of mealybug including papaya mealybug. Hence, farmers are adviced to monitor the sucking pests by installing yellow sticky traps @ 5 / acre and if needed they can spray neem seed kernel extract 5% (or) fish oil rosin soap @ 25 gm/lit. of water.

Madurai

Weather Based Agro-Advisories : (Important Crops : Sugarcane, Vege.) Prevailing current weather there is a possibility for multiplication of jassids, thrips, whitefly, spiraling whitefly and different species of mealybug including papaya mealybug. Hence, farmers are adviced to monitor the sucking pests by installing yellow sticky traps @ 5 / acre and if needed they can spray neem seed kernel extract 5% (or) fish oil rosin soap @ 25 gm/lit. of water. In Sugarcane Borer pest complex can be noticed. Hence farmers are adviced to release the egg parasitoid Trichogramma @ 2 cc / acre (6 releases) at 15 days interval starting from 45 days onwards.

Pudukottai

Weather Based Agro - Advisories : (Important Crops : Vegetables) Due to the prevailing weather the incense of Leaf spot disease in Brinjal , to control this farmers are adviced to spray Fungicide like Dithane M45 2 g/lit with 15 days of interval. Treat the Tomato seeds with Trichodermaviride 4 g or Pseudomonas fluorescens 10 g or Carbendazim 2 g per kg of seeds 24 hours before sowing. Just before sowing, treat the seeds with Azospirillum @ 40 g / 400 g of seeds. Sow in lines at 10 cm apart in raised nursery beds andcoverwithsand.

Ramanathapuram

Weather Based Agro-Advisories : (Important Crops : Veg. & Cotton) Sucking pests like thrips, whitefly and mealybug incidence was noticed in Cotton. Farmers are adviced to monitor the pest. Monitoring the activities of the adult white flies by installation of yellow sticky traps 12 nos/ha. at 1 feet height above the plant canopy , Similarly, pink bollworm incidence was found sporadically. Hence farmers are adviced to monitor the insect using light trap @ 1 / acre. If needed spray NSKE 5%. Prevailing current weather there is a possibility for multiplication of jassids, thrips, whitefly, spiraling whitefly and different species of mealybug including papaya mealybug. Hence, farmers are adviced to monitor the sucking pests by installing yellow sticky traps @ 5 / acre and if needed they can spray neem seed kernel extract 5% (or) fish oil rosin soap @ 25 gm/lit. of water.

Sivagangai

Weather Based Agro-Advisories : (Important Crops : Vegetables, Sugarcane) In Sugarcane Borer pest complex can be noticed. Hence farmers are adviced to release the egg parasitoid Trichogramma @ 2 cc / acre (6 releases) at 15 days interval starting from 45 days onwards. Sucking pests like thrips, whitefly and mealybug incidence was noticed in Cotton. Farmers are adviced to monitor the pest. Monitoring the activities of the adult white flies by installation of yellow sticky traps 12 nos/ha. at 1 feet height above the plant canopy , Similarly, pink bollworm incidence was found sporadically. Hence farmers are adviced to monitor the insect using light trap @ 1 / acre. If needed spray NSKE 5%.

Theni

Weather Based Agro-Advisories : (Important Crops : Sugarcane, Vegetables) In Sugarcane Borer pest complex can be noticed. Hence farmers are advised to release the egg parasitoid *Trichogramma* @ 2 cc / acre (6 releases) at 15 days interval starting from 45 days onwards. Prevailing current weather there is a possibility for multiplication of jassids, thrips, whitefly, spiraling whitefly and different species of mealybug including papaya mealybug. Hence, farmers are advised to monitor the sucking pests by installing yellow sticky traps @ 5 / acre and if needed they can spray neem seed kernel extract 5% (or) fish oil rosin soap @ 25 gm/lit. of water.

Ariyalur

Crop: Rice and Rice fallow cotton Stage: Rice fallow cotton: Boll formation stage In rice cultivation application of 200 kg gypsum and 125 kg super phosphate per acre as basal→ application during main field preparation is essential. If the soil is low in nitrogen status, apply 35 kg urea per acre as basal. In Kuruvai season 18 to 22 days of old young seedling roots may be dipped in biofertilizer slurry→ (1 kg each of *Azospirillum* and phosphobacteria or 1 kg of Azophos) for 15 to 30 minutes before transplanting with a spacing of 20 x 10 cm. In SRI, 14 days old seedlings can be transplanted in 25 x 25 cm spacing using SRI marker. Leaf mite incidence is being noticed in the Kuruvai paddy fields due to prevailing weather→ condition. To manage this, spray Profenophos 400 ml/acre or 50 % wettable sulphur 400gm/acre or Dicofol 600 ml/acre with 200 litres of water. Livestocks Feed Azolla 1-2 kg per cow and 0.5-1kg for other animals daily at hot hours of the day.→ Increase the quantity of green fodder and concentrate on day time and decrease the quantity→ of dry fodder on cooler part of the day.

Karur

Crop: Rice and Rice fallow cotton Stage: Rice fallow cotton: Boll formation stage In rice cultivation application of 200 kg gypsum and 125 kg super phosphate per acre as basal→ application during main field preparation is essential. If the soil is low in nitrogen status, apply 35 kg urea per acre as basal. In Kuruvai season 18 to 22 days of old young seedling roots may be dipped in biofertilizer slurry→ (1 kg each of *Azospirillum* and phosphobacteria or 1 kg of Azophos) for 15 to 30 minutes before transplanting with a spacing of 20 x 10 cm. In SRI, 14 days old seedlings can be transplanted in 25 x 25 cm spacing using SRI marker. Leaf mite incidence is being noticed in the Kuruvai paddy fields due to prevailing weather→ condition. To manage this, spray Profenophos 400 ml/acre or 50 % wettable sulphur 400gm/acre or Dicofol 600 ml/acre with 200 litres of water. Livestocks Feed Azolla 1-2 kg per cow and 0.5-1kg for other animals daily at hot hours of the day.→ Increase the quantity of green fodder and concentrate on day time and decrease the quantity of→ dry fodder on cooler part of the day.

Nagapattinam

Crop: Rice and Rice fallow cotton Stage: Rice fallow cotton: Boll formation stage For SRI cultivation, prepare 2.5 cent raised bed nursery for 1 ha planting. Broadcast uniformly→ 5 kg of pre - germinated seeds over it. Sprinkle water in the bed during morning and evening using rose cane. Maintain standing water in the channel around the beds from 6th day of sowing. Sprinkle 0.5 % urea solution on 9th day after sowing. Stop irrigation two days before pulling out of seedlings. The seedlings will be ready at 14 days after sowing. For kuruvai nursery, an area of 20 cents can be allotted for planting 1 ha with the application of→ FYM or compost @ 1 ton. Before the last puddling, apply 40 kg DAP. For clay soil, 4 kg gypsum and 1 kg DAP/cent can be applied 10 days prior to pulling out of seedlings to avoid root snapping. In cotton occurrence of boll worms are being noticed. To control this, spray indoxacarb 15.8 SC→ 200 ml/acre. Livestocks Feed Azolla 1-2 kg per cow and 0.5-1kg for other animals daily at hot hours

of the day.→ Increase the quantity of green fodder and concentrate on day time and decrease the quantity of→ dry fodder on cooler part of the day.

Perambalur

Crop: Rice and Rice fallow cotton Stage: Rice fallow cotton: Boll formation stage In rice cultivation application of 200 kg gypsum and 125 kg super phosphate per acre as basal→ application during main field preparation is essential. If the soil is low in nitrogen status, apply 35 kg urea per acre as basal. In Kuruvai season 18 to 22 days of old young seedling roots may be dipped in biofertilizer slurry (1→ kg each of Azosirillum and phosphobacteria or 1 kg of Azophos) for 15 to 30 minutes before transplanting with a spacing of 20 x 10 cm. In SRI, 14 days old seedlings can be transplanted in 25 x 25 cm spacing using SRI marker. Leaf mite incidence is being noticed in the Kuruvai paddy fields due to prevailing weather→ condition. To manage this, spray Profonophos 400 ml/acre or 50 % wettable sulphur 400gm/acre or Dicofol 600 ml/acre with 200 litres of water. Livestocks Feed Azolla 1-2 kg per cow and 0.5-1kg for other animals daily at hot hours of the day.→ Increase the quantity of green fodder and concentrate on day time and decrease the quantity of→ dry fodder on cooler part of the day.

Thanjavur

Crop: Rice and Rice fallow cotton Stage: Rice fallow cotton: Boll formation stage In rice cultivation application of 200 kg gypsum and 125 kg super phosphate per acre as basal→ application during main field preparation is essential. If the soil is low in nitrogen status, apply 35 kg urea per acre as basal. In Kuruvai season 18 to 22 days of old young seedling roots may be dipped in biofertilizer slurry (1→ kg each of Azosirillum and phosphobacteria or 1 kg of Azophos) for 15 to 30 minutes before transplanting with a spacing of 20 x 10 cm. In SRI, 14 days old seedlings can be transplanted in 25 x 25 cm spacing using SRI marker. Leaf mite incidence is being noticed in the Kuruvai paddy fields due to prevailing weather→ condition. To manage this, spray Profonophos 400 ml/acre or 50 % wettable sulphur 400gm/acre or Dicofol 600 ml/acre with 200 litres of water. Livestocks Feed Azolla 1-2 kg per cow and 0.5-1kg for other animals daily at hot hours of the day.→ Increase the quantity of green fodder and concentrate on day time and decrease the quantity of→ dry fodder on cooler part of the day.

Thiruvapur

Crop: Rice and Rice fallow cotton Stage: Rice fallow cotton: Boll formation stage For SRI cultivation, prepare 2.5 cent raised bed nursery for 1 ha planting. Broadcast uniformly→ 5 kg of pre - germinated seeds over it. Sprinkle water in the bed during morning and evening using rose cane. Maintain standing water in the channel around the beds from 6th day of sowing. Sprinkle 0.5 % urea solution on 9th day after sowing. Stop irrigation two days before pulling out of seedlings. The seedlings will be ready at 14 days after sowing. For kuruvainursery, an area of 20 cents can be allotted for planting 1 ha with the application of→ FYM or compost @ 1 ton. Before the last puddling, apply 40 kg DAP. For clay soil, 4 kg gypsum and 1 kg DAP/cent can be applied 10 days prior to pulling out of seedlings to avoid root snapping. In cotton occurrence of boll worms are being noticed. To control this, spray indoxacarb 15.8 SC→ 200 ml/acre. Livestocks Feed Azolla 1-2 kg per cow and 0.5-1kg for other animals daily at hot hours of the day.→ Increase the quantity of green fodder and concentrate on day time and decrease the quantity of→ dry fodder on cooler part of the day.

Thiruchirapalli

Crop: Rice and Rice fallow cotton Stage: Rice fallow cotton: Boll formation stage In rice cultivation application of 200 kg gypsum and 125 kg super phosphate per acre as basal→ application during main field preparation is essential. If the soil is low in nitrogen status, apply 35 kg urea per acre as basal. In Kuruvai season 18 to 22 days of old young seedling roots may be dipped in biofertilizer slurry→ (1 kg each of Azosirillum and phosphobacteria or 1 kg of Azophos) for 15 to 30 minutes before transplanting with a spacing of 20 x 10 cm. In SRI, 14 days old seedlings can be transplanted in 25 x 25 cm spacing using SRI marker. Leaf mite incidence is being noticed in the Kuruvai paddy fields due to prevailing weather→ condition. To manage this, spray Profonophos 400 ml/acre or 50 % wettable sulphur 400gm/acre or Dicofol 600 ml/acre with 200 litres of water. Livestocks Feed Azolla 1-2 kg per cow and 0.5-1kg for othger animals daily at hot hours of the day.→ Increase the quantity of green fodder and concentrate on day time and decrease the quantity→ of dry fodder on cooler part of the day.

