



जिला स्तरतमिलनाडुके लिएकृषि मौसमसलाहकारबुलेटिन

DISTRICT LEVEL

Agro meteorological Advisory Bulletin for the state of Tamil Nadu Bulletin No. 040 /2017

For the period 0830 IST, 19th May 2017 to
0830 IST, 23rd May 2017

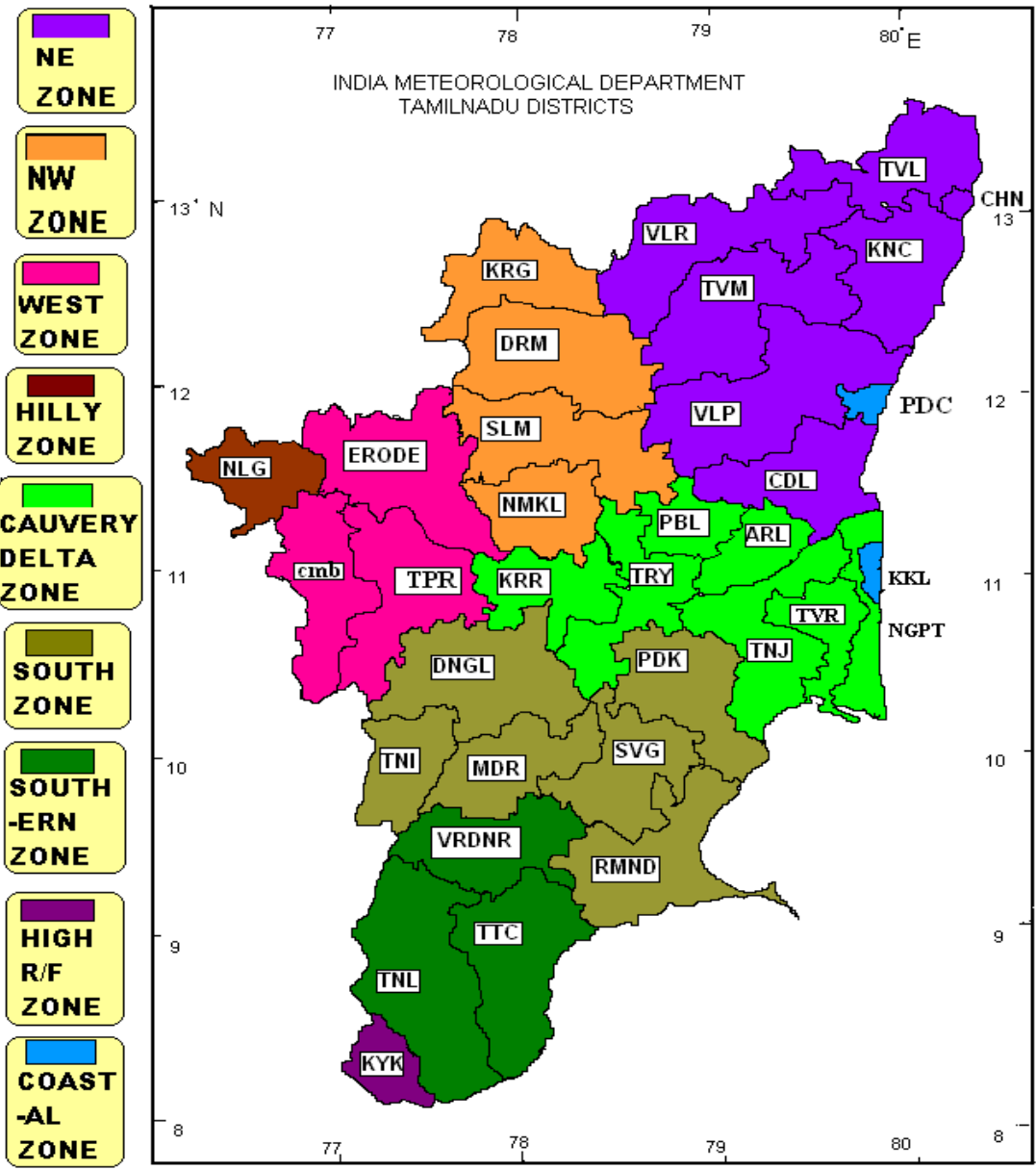
Issued on Friday, 19th May 2017

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 16.05.17 to 18.05.17 for the State of Tamilnadu & Puducherry

Temperature:

Maximum Temperature of range 33°C – 43°C prevailed over the state. Kodaikanal and Uthagamandalam recorded Maximum temperature range 21°C – 25°C during the period.

Minimum temperature of range 24°C - 32°C prevailed over the State. Kodaikanal and Uthagamandalam recorded Minimum temperature of range 10°C - 15°C during the same period.

Spatial distribution of Rainfall

Spatial distribution of Rainfall	Date	Area
Widespread (Most places)	--	--
Fairly widespread (Many places)	--	--
Scattered (Few Places)	--	--
Isolated (Isolated Places)	16.05.17,17.05.17 & 18.05.17	Tamil Nadu
Dry	16.05.17,17.05.17 & 18.05.17	Puducherry

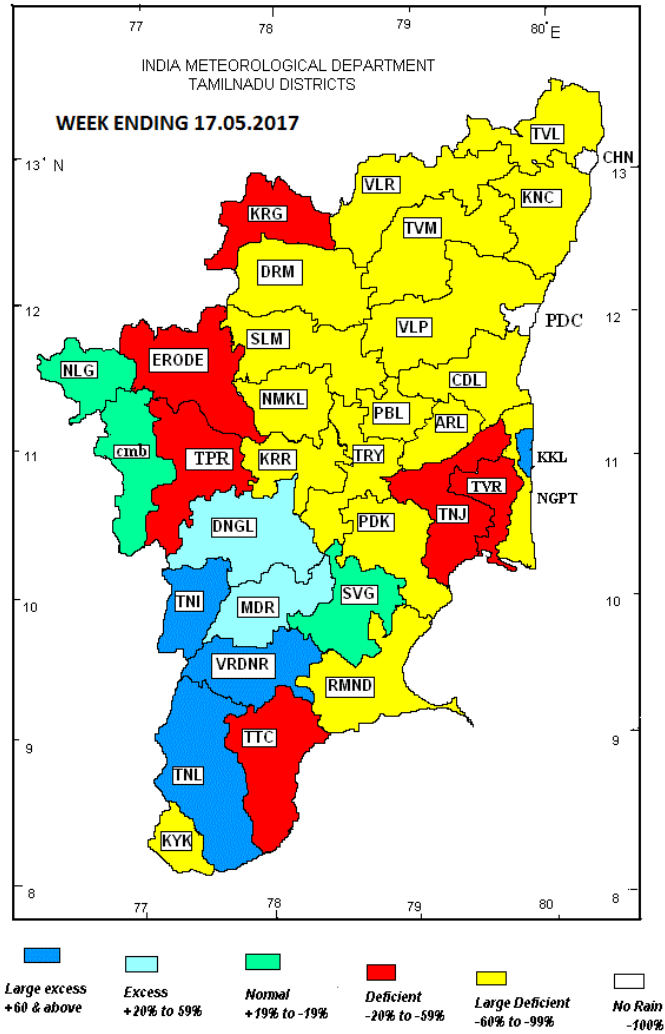
Chief Amounts of Rainfall (in cms):-

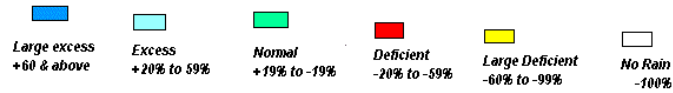
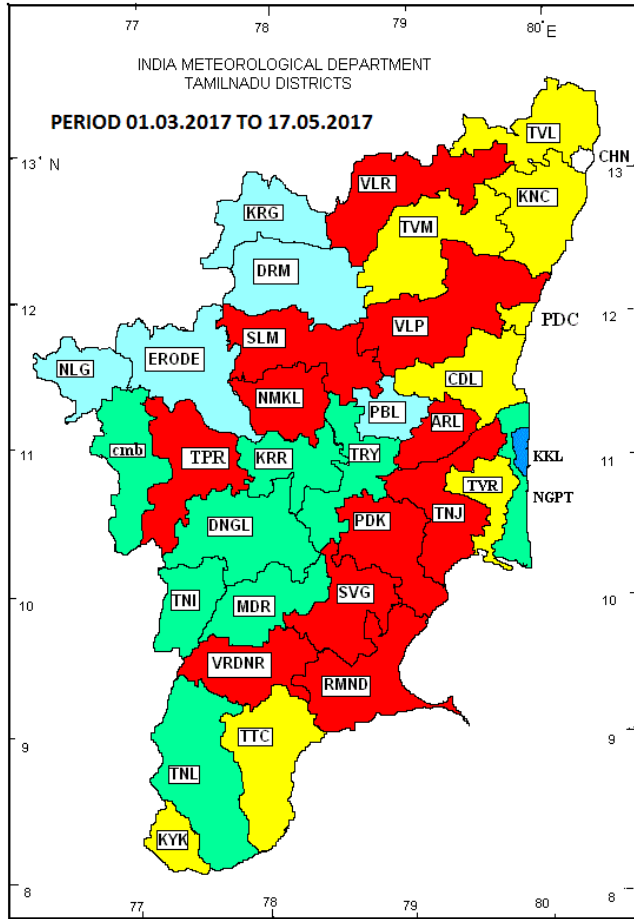
16.05.17: Melur (Madurai Dist) 7, Tirupuvanam (Sivaganga Dist) 4, Tirupathur (SivagangaDist), Aruppukottai (Virudhunagar Dist) 3 each, Vellore (Vellore Dist) 2, Sivaganga (SivagangaDist), Alangayam (Vellore Dist) 1 each.

17.05.17 : Shoolagiri (Krishnagiri Dist) 2, Denkanikottai (Krishnagiri Dist), Dindigul arg (Dindigul Dist) 1 each.

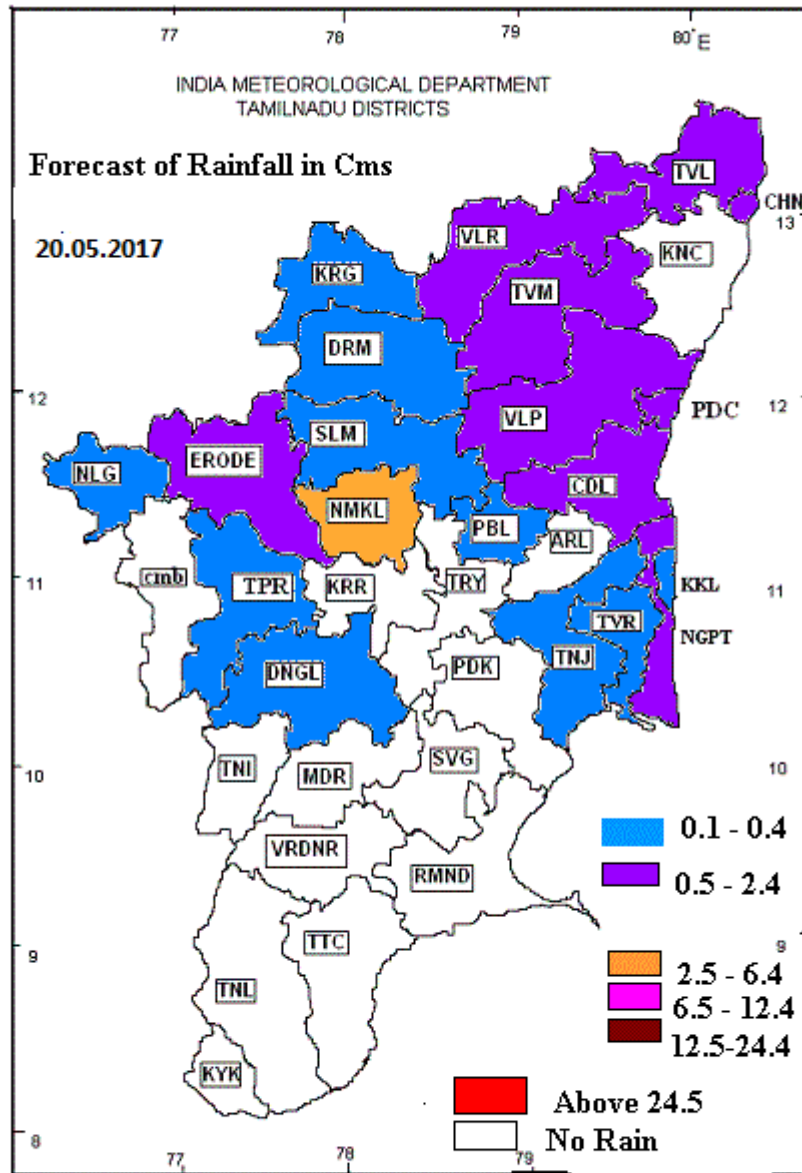
18.05.17 : Thali (Krishnagiri Dist), Thalavadi (Erode Dist) 4 each, Mayanur (Karur Dist), Aravakurichi (Karur Dist), Vaniaymbadi (Vellore Dist) 3 each, Melalathur (Vellore Dist), Hosur (Krishnagiri Dist), Vazhapadi (Salem Dist), Tindivanam (Villupuram Dist), Kodumudi (Erode Dist), Gingee (Villupuram Dist), Alangayam (Vellore Dist), Salem (Salem Dist), Namakkal (Namakkal Dist), K.paramathi (Karur Dist) 2 each, Mangalapuram (Namakkal Dist), Tozhudur (Cuddalore Dist), Pollachi (Coimbatore Dist), Omalur (Salem Dist), SenDamangalam (Namakkal Dist), Paramathivelur (Namakkal Dist), Musiri (Trichy Dist) 1 each.

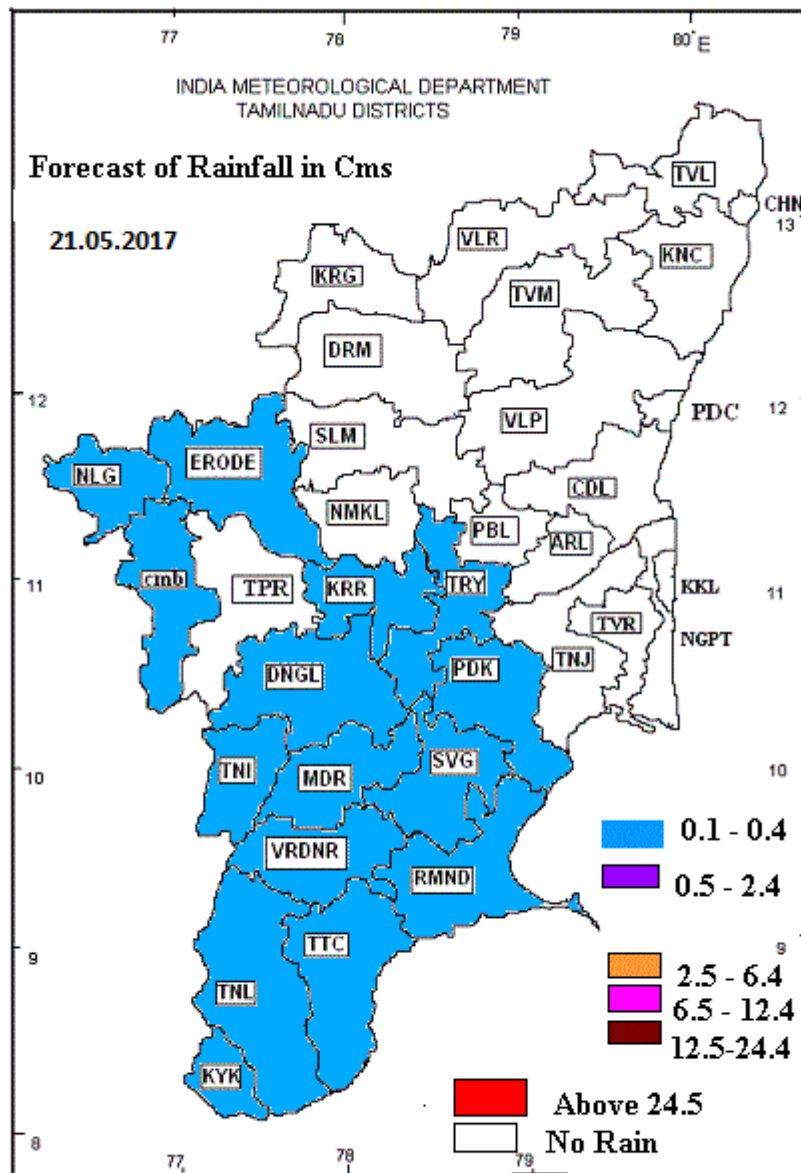
(Percentage Departure of Rainfall)

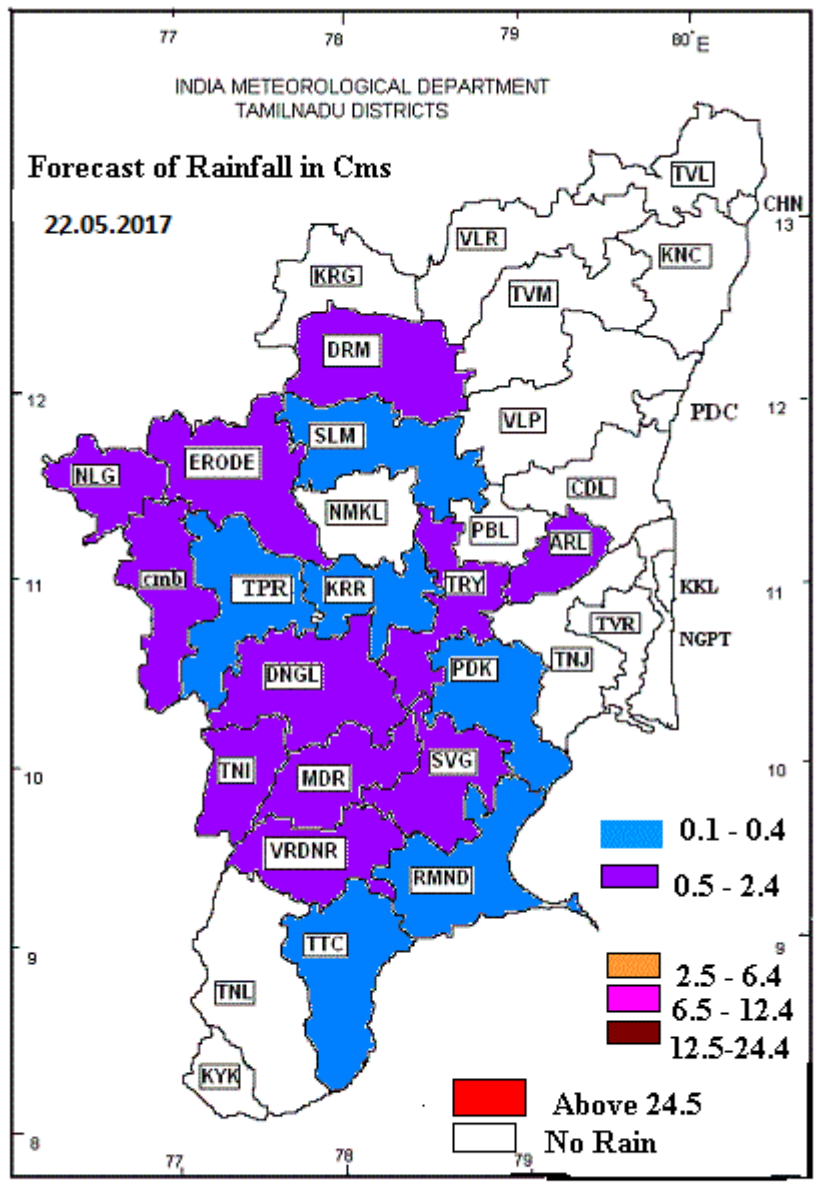


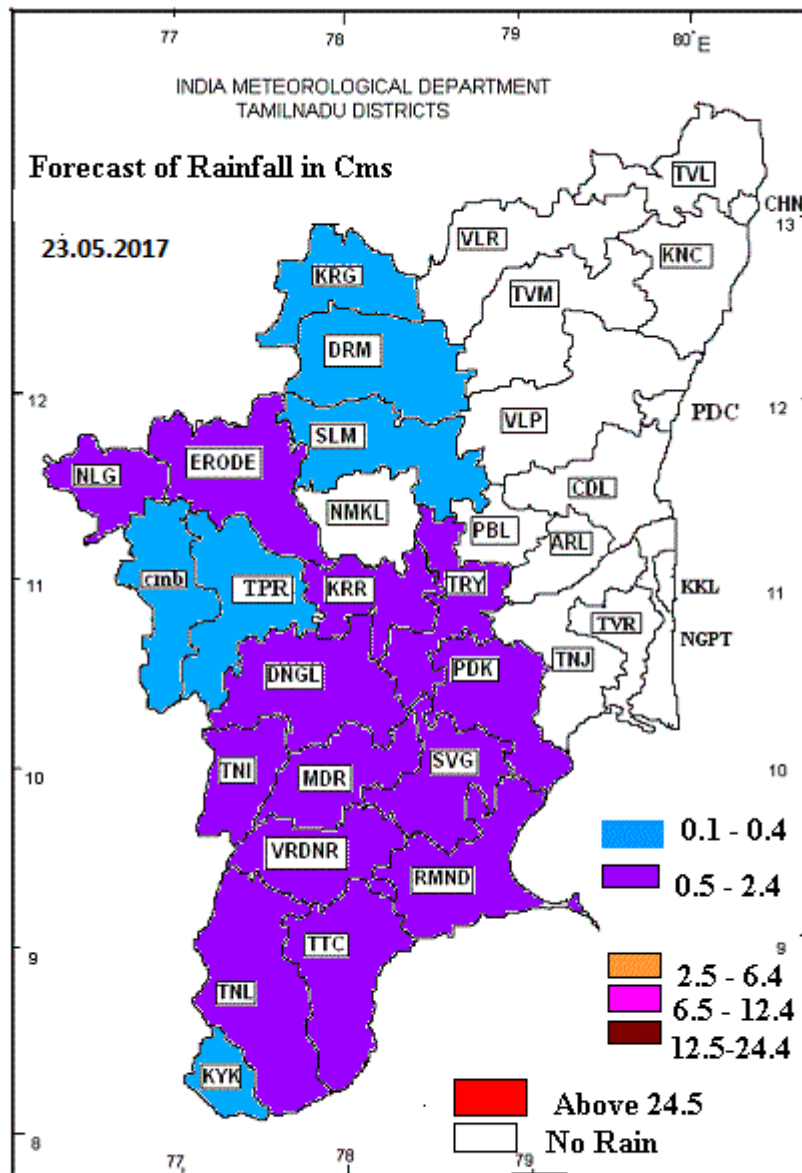


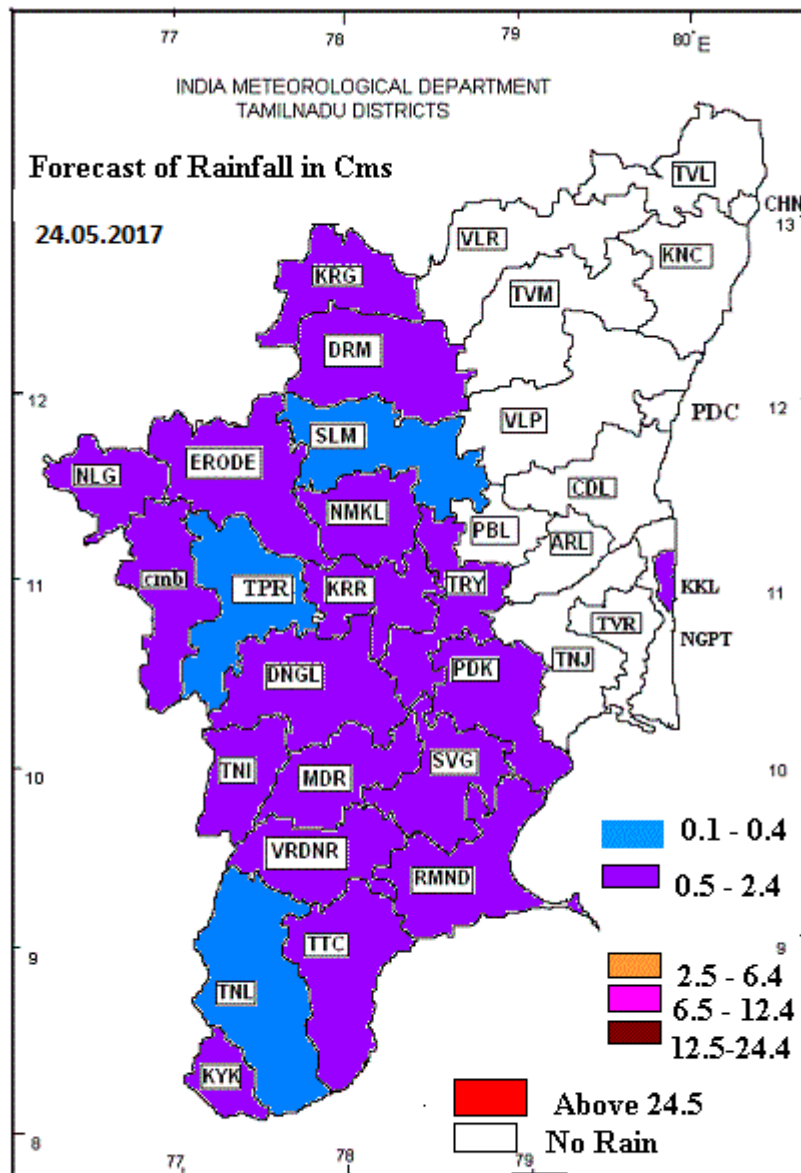
**DISTRICT LEVEL ENSEMBLE WEATHER FORECAST ISSUED ON: 19.05.2017
VALID FOR THE NEXT 5 DAYS**











Districtwise Agromet Advisories

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

Livestock:

Light rainfall may be expected on 20.05.2017.

Provide cool drinking water to animals during hot part of the day.

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.

During hot part of the day dairy cows should be showered with water to reduce heat stress and to sustain milk production.

Due to increase in day temperature animals should not be allowed for grazing during hot part of the day, provide cool drinking water and shade to the animals to reduce heat stress.

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 shoot and fruit borer in Brinjal, apply Emamectin benzoate 5 SG @ 200 g/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.

Namakkal, Salem, Dharmapuri & Krishnagiri

Special Weather Advisory Bulletin for Dairy and Poultry Farming:

For next four days, the sky will be intermittently cloudy with chance of mild showers at isolated places.

Maximum and minimum temperature will be 40.0°C (104.0°F) and 26.0°C (78.8°F) respectively. Wind speed will be 4-5 km/hour, mostly from west. Relative humidity will be in the range from 40 - 70%.

Though day time temperature will remain at around 40°C (104°F), expected summer showers will bring down night temperature. This will give some relief from summer stress and stroke in poultry. Expected improvement in feed intake will intern increase egg production and egg mass. At present, conditions are favorable for early onset of southwest monsoon over Kerala.

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 Heat stress. Hence, poultry farmers are advised to use foggers and follow summer management.

Special Agroadvisory from Krishi Vigyan Kendra, Namakkal:

To improve the quality of tapioca tubers, farmers are advised to apply potassium in two equal splits, one transplanting and another at 90 days after transplanting.

Coimbatore

Blocks	Sugar cane	Rice	Turmeric	Milletts	Cotton
Thondamuthur	V	M	LP	V	BP
Karamadai	V	M	LP	V	BP

Sulur	V	M	LP	V	BP
Sultanpet	V	M	LP	V	BP
Pollachi	V	M	LP	V	BP
P.N Palayam	V	M	LP	V	BP
Kinathukadavu	V	M	LP	V	BP
Annur	V	M	LP	V	BP
Madukarai	V	M	LP	V	BP
Annaimalai	V	M	LP	V	BP

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

Agro Advisory

Provide inward ring basin around fruit tree crops to harvest rainwater in root zone.
 Since rainfall with high wind is expected, propping may be done to banana crop to prevent lodging.
 Turmeric planting may be done by utilizing the past week rainfall and expected rainfall in the coming days in already prepared land.

SMS advisory

Provide inward ring basin around fruit tree crops to harvest rainwater in root zone.

Erode

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

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

Agro Advisory

Provide inward ring basin around fruit tree crops to harvest rainwater in root zone.
 Since rainfall with high wind is expected, propping may be done to banana crop to prevent lodging.
 Turmeric planting may be done by utilizing the past week rainfall and expected rainfall in the coming days in already prepared land.

SMS advisory

Provide inward ring basin around fruit tree crops to harvest rainwater in root zone.

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

Provide inward ring basin around fruit tree crops to harvest rainwater in root zone.

Since rainfall with high wind is expected, propping may be done to banana crop to prevent lodging.

Turmeric planting may be done by utilizing the past week rainfall and expected rainfall in the coming days in already prepared land.

SMS advisory

Provide inward ring basin around fruit tree crops to harvest rainwater in root zone.

Karaikal

Weather based Agro-Advisories

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 on the crops.

Apply Trichoderma viride 2.5 kg + Pseudomonas fluorescence 2.5 kg + 250 kg well decomposed farm yard manure per hectare as a prophylactic measure for cotton.

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

Puducherry

Weather based Agro-Advisories

To reduce the growth of algae in paddy fields Copper Sulphate @ 500 g in muslin cloth may be placed in the outlet of bore water that is irrigated to the field.

To control rice stem borer spray CartapHydrochloride 50 % SP @ 1000g/ha or Phosphamidon 40% SL 1250 ml/ha.

To control brown plant hopper in rice, apply Neem oil 3% or Methyl demeton 25 EC 1500 ml/ha or Acephate 75 % SP 666-1000 g/ha or Azadirachtin 0.03% 1000 ml/ha or Imidacloprid 17.8 SL 100-125 ml/ha.

Thoothukudi, Virudhunagar & Tirunelveli

Agromet advisories in relation to the anticipated weather having high cloud cover, light rainfall and moderate humidity

Crop/ Farming system	Stage / Activities	Advisories
Mango	Fruiting stage	In the prevailing weather condition fruit fly incidence is noticed in mango. Spraying of Fenthion 2 ml/lit or malathion 2 ml/lit will control the pest.
Citrus	Flowering to fruit setting stage	To increase fruit set, spray 2, 4 – D @ 20 ppm (200 mg / 10 l) during flowering. For fruit retention, spray 2, 4 – D @ 20 ppm or NAA 30 ppm (300 mg / l) after fruit set (marble size).
	Fruiting stage	In the prevailing weather condition, citrus canker disease is notice in citrus, one spray of Copper oxychloride (COC) @ 0.3% followed by 4 sprayings with Streptocyclin 100 ppm + COC @ 0.3 % at monthly intervals after pruning.
Lab lab	Fruiting stage	In lab lab, pod borer can be controlled by spraying Carbaryl 50 WP thrice at fortnightly intervals at the rate of 2 g/lit. Dust with Carbaryl 10 D at the rate of 2.5 kg/ha or Quinalphos 25 EC @ 2 ml/lit.
Jasmine	Flowering stage	In the prevailing weather condition, budworm incidence is may observed in Jasmine. To control spray Thiacloprid 240 SC @ 1 ml/ l of water.

SMS:

Rain: 21, 22, 23& 24.5.17: 2, 3, 5& 5 mm. Lab lab- pod borer- Quinalphos 25 EC @ 2 ml/lit

Ariyalur, Karur, Nagapattinam, Perambalur, Thanjavur, Tiruvarur & Tiruchirapalli

Weather based Agro-Advisories

Crop: Rice, Irrigated blackgram and Rice fallow cotton

Stage: Rice fallow cotton: Flowering stage

☑☑Summer ploughing can be done by utilizing the rainfall expected during this week to control weeds and insects larva in the soil and it will improve the rainwater infiltration also.

☑☑Raising of green manure crops like daincha, sunnhemp and kolunji can be done to utilize the summer rainfall.

☑☑In rice fallow cotton and irrigated blackgram, occurrence of aphid, thrips, mite, hoppers, mealy bug and white flies are being noticed. To control this spray azadirachtin 0.03% (3 ml / litre of water) along with sticking agent in the morning or evening using hand sprayer, If damage is more spray imidacloprid 200 SL @ 40ml / acre with 200 litres of water.

☑☑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.

Livestocks

☒☒ Increase the quantum of amino acids, vitamins and mineral content of cattle feed so as to compensate the less quantity of feed consumed by cattle in summer.

☒☒ Artificial insemination should be done before 9.30 am in summer season.

Dindigul

Weather Based Agro-Advisories : (Important Crops :Coconut, Onion, Brinjal)

- Prevailing current weather the incense of Leaf blight in Coconut .it causes serious damage in seedlings, leaves and nuts of adult palms. Generally the adult leaves in the outer whorls are affected. The affected nuts were desiccated, shrunken,

deformed and dropped prematurely and resulting in nut yield loss up to 10 to 25%.The incidence was noticed throughout the

year and maximum incidence was observed during summer months. Remove and burn the severely affected leaves to avoid

further spread. To control applying of 200g *Pseudomonas fluorescens* along with 50 kg of FYM+ 5 kg of Neem cake/

palm/year. Spray 1.0 per cent Bordeaux mixture or 0.25 percent Copper oxychloride 2 times at 45 days interval during summer months.

- Prevailing current weather condition the incense of Onion thrips in Small Onion. It damages the leaves and small white

silvery patches are seen all over the leaves. In severe infestation, leaves dry from tip to downward. To manage this Clean

cultivation, regular hoeing. Flooding of infested field will check the thrips population and to control spray insecticides

dimethoate @ 0.06% or prophenophos @ 0.05%

- Prevailing weather condition the Brown leaf hopper infestation slightly in Brinjal. Due to this in Reduction in size of leaves,

Shortened petioles, Excessive growth of branches general stunting of plants, Conversion of floral parts into leafy structures,

Fruiting is rare. Before transplantation dip the seedlings in 0.2% carbofuran 50 STD solution (control insect vectors), Remove

infected plants and destroy them and Spray with methyl parathion 0.5% or dimethoate 0.3%.

- To get high milk yield during any lactation, the milch animal should be properly fed and

necessary care and manage mental practices should be followed. Provide green succulent forage together with leguminous hay or straw to the extent of animal

can consume, so that all its maintenance requirements are met with through forage only. Extra concentrate at the rate of 1 kg

for every 2 to 2.5 liters of milk should be provided. Salt and mineral supplements should be given to maintain the lactation.

Never frighten or excite the animals. Always treat them gently with kindness. Keep up regularity of feeding. Concentrate mix

should be fed before milking, where as roughages can be fed after milking

Madurai

Weather Based Agro-Advisories : (Important Crops : Banana, Coconut) • Prevailing weather condition the incense of Rhizome weevil in Banana. It grubs bore into the rhizome and cause death of the plant. Presence of dark coloured tunnels in the rhizomes. Death of unopened pipe, withering of outer leaves. To manage Select healthy sucker and plant Do not take regular crop in the same field to avoid initial infestation, Grow less susceptible varieties like Poovan, Kadali, Kunnan, Poomkalli , Apply castor cake 250g or carbaryl 50g dust or phorate 10g per pit before planting also prevents infestation. Soil incorporation at the time of planting: carbofuran 3 G 10g, phorate 10 G 5 g/plant. Before planting, the suckers should be dipped in 0.1 per cent quinalphos emulsion. Use cosmolure trap at 5/ha . • Prevailing current weather the incense of Leaf blight in Coconut .it causes serious damage in seedlings, leaves and nuts of adult palms. Generally the adult leaves in the outer whorls are affected. The affected nuts were desiccated, shrunken, deformed and dropped prematurely and resulting in nut yield loss up to 10 to 25%.The incidence was noticed throughout the year and maximum incidence was observed during summer months. Remove and burn the severely affected leaves to avoid further spread.To control applying of 200g Pseudomonas fluorescens along with 50 kg of FYM+ 5 kg of Neemcake/ palm/ year.and spray 1.0 per cent Bordeaux mixture or 0.25 percent Copper oxychloride 2 times at 45 days interval during summer months. • To get high milk yield during any lactation, the milch animal should be properly fed and necessary care and manage mental practices should be followed. Provide green succulent forage together with leguminous hay or straw to the extent of animal can consume, so that all its maintenance requirements are met with through forage only. Extra concentrate at the rate of 1 kg for every 2 to 2.5 liters of milk should be provided. Salt and mineral supplements should be given to maintain the lactation. Never frighten or excite the animals. Always treat them gently with kindness.

Pudukottai

Weather Based Agro - Advisories : (Important Crops : Vegetables, Coconut) • Prevailing current weather the incense of Leaf blight in Coconut .it causes serious damage in seedlings, leaves and nuts of adult palms. Generally the adult leaves in the outer whorls are affected. The affected nuts were desiccated, shrunken, deformed and dropped prematurely and resulting in nut yield loss up to 10 to 25%.The incidence was noticed throughout the year and maximum incidence was observed during summer months. Remove and burn the severely affected leaves to avoid further spread.To control applying of 200g Pseudomonas fluorescens along with 50 kg of FYM+ 5 kg of Neemcake/ palm/ year.and spray 1.0 per cent Bordeaux mixture or 0.25 percent Copper oxychloride 2 times at 45 days interval during summer months.. • Prevailing weather condition the Brown leaf hopper infestation slightly in Brinjal. Due to this in Reduction in size of leaves, Shortened petioles, Excessive growth of branches general stunting of plants, Conversion of floral parts into leafy structures, Fruiting is rare. Before transplantation dip the seedlings in 0.2% carbofuran 50 STD solution (control insect vectors), Remove infected plants and destroy them and Spray with methyl parathion 0.5% or dimethoate 0.3%. • Prevailing weather condition the incense of Shoot and fruit borer in Bhendi. It damages the Terminal shoots wither and droop, Shedding of buds and flowers ,Bore hole in fruits and fee, Deformed fruits. To manage this collect and destroy the affected fruits.And release of parasite Trichogramma chilonis @ 1.0 lakh/ha. Set up pheromone trap @ 12/ha. To control spray 5 gm of Azadirachtin 0.03% WSP (300 ppm) / 1 ltr or 5 ml of Azadirachtin 5% Neem Extract Concentrate / 10 ltr. • Prevailing current weather condition the incense of Tobacco cutworm in Chilly. The Newly hatched larvae scarp the green matter in the leaf, Affected leaf looks like a papery white structure. In severe infestations they feed voraciously on the entire lamina and petiole. To control plough the soil to expose and kill pupae, cultivate the castor as a trap crop. Set up pheromone trap @15/ha. And spray Thiodicarb 75 % WP2.0 g/lit or Novaluron 10 % EC 7.5 ml/10 lit.

Ramanathapuram

Weather Based Agro-Advisories : (Important Crops : Vegetables, Coconut) • Prevailing current weather the incense of Leaf blight in Coconut .it causes serious damage in seedlings, leaves and nuts of adult palms. Generally the adult leaves in the outer whorls are affected. The affected nuts were desiccated, shrunken, deformed and dropped prematurely and resulting in nut yield loss up to 10 to 25%.The incidence was noticed throughout the year and maximum incidence was observed during summer months. Remove and burn the severely affected leaves to avoid further spread. To control applying of 200g Pseudomonas fluorescens along with 50 kg of FYM+ 5 kg of Neemcake/ palm/ year. Spray 1.0 per cent Bordeaux mixture or 0.25 percent Copper oxychloride 2 times at 45 days interval during summer months. • Prevailing weather condition the Brown leaf hopper infestation slightly in Brinjal. Due to this in Reduction in size of leaves, Shortened petioles, Excessive growth of branches general stunting of plants, Conversion of floral parts into leafy structures, Fruiting is rare. Before transplantation dip the seedlings in 0.2% carbofuran 50 STD solution (control insect vectors), Remove infected plants and destroy them and Spray with methyl parathion 0.5% or dimethoate 0.3%. • Prevailing current weather condition the incense of Tobacco cutworm in Chilly. The Newly hatched larvae scarp the green matter in the leaf, Affected leaf looks like a papery white structure. In severe infestations they feed voraciously on the entire lamina and petiole. To control plough the soil to expose and kill pupae, cultivate the castor as a trap crop. Set up pheromone trap @15/ha. And spray Thiodicarb 75 % WP2.0 g/lit or Novaluron 10 % EC 7.5 ml/10 lit. • To get high milk yield during any lactation, the milch animal should be properly fed and necessary care and manage mental practices should be followed. Provide green succulent forage together with leguminous hay or straw to the extent of animal can consume, so that all its maintenance requirements are met with through forage only. Extra concentrate at the rate of 1 kg for every 2 to 2.5 liters of milk should be provided. Salt and mineral supplements should be given to maintain the lactation. Never frighten or excite the animals. Always treat them gently with kindness. Keep up regularity of feeding. Concentrate mix should be fed before milking, where as roughages can be fed after milking

Sivagangai

Weather Based Agro-Advisories : (Important Crops : Vegetables) • Prevailing weather condition the Brown leaf hopper infestation slightly in Brinjal. Due to this in Reduction in size of leaves, Shortened petioles, Excessive growth of branches general stunting of plants, Conversion of floral parts into leafy structures, Fruiting is rare. Before transplantation dip the seedlings in 0.2% carbofuran 50 STD solution (control insect vectors), Remove infected plants and destroy them and Spray with methyl parathion 0.5% or dimethoate 0.3%. • Prevailing weather condition the incense of Shoot and fruit borer in Bhendi. It damages the Terminal shoots wither and droop, Shedding of buds and flowers ,Bore hole in fruits and fee, Deformed fruits. To manage this collect and destroy the affected fruits.And release of parasite Trichogramma chilonis @ 1.0 lakh/ha. Set up pheromone trap @ 12/ha. To control spray 5 gm of Azadirachtin 0.03% WSP (300 ppm) / 1 ltr or 5 ml of Azadirachtin 5% Neem Extract Concentrate / 10 ltr. • Prevailing current weather condition the incense of Tobacco cutworm in Chilly. The Newly hatched larvae scarp the green matter in the leaf, Affected leaf looks like a papery white structure. In severe infestations they feed voraciously on the entire lamina and petiole. To control plough the soil to expose and kill pupae, cultivate the castor as a trap crop. Set up pheromone trap @15/ha. And spray Thiodicarb 75 % WP2.0 g/lit or Novaluron 10 % EC 7.5 ml/10 lit. • To get high milk yield during any lactation, the milch animal should be properly fed and necessary care and manage mental practices should be followed. Provide green succulent forage together with leguminous hay or straw to the extent of animal can consume, so that all its maintenance requirements are met with through forage only. Extra concentrate at the rate of 1 kg for every 2 to 2.5 liters of milk should be provided. Salt and mineral

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Theni

Weather Based Agro-Advisories : (Important Crops : Vegetables, Coconut Banana) • Prevailing current weather the incense of Leaf blight in Coconut .it causes serious damage in seedlings, leaves and nuts of adult palms. Generally the adult leaves in the outer whorls are affected. The affected nuts were desiccated, shrunken, deformed and dropped prematurely and resulting in nut yield loss up to 10 to 25%.The incidence was noticed throughout the year and maximum incidence was observed during summer months. Remove and burn the severely affected leaves to avoid further spread.To control applying of 200g Pseudomonas fluorescens along with 50 kg of FYM+ 5 kg of Neemcake/ palm/ year.and spray 1.0 per cent Bordeaux mixture or 0.25 percent Copper oxychloride 2 times at 45 days interval during summer months.. • Prevailing weather condition the incense of Rhizome weevil in Banana. It grubs bore into the rhizome and cause death of the plant. Presence of dark coloured tunnels in the rhizomes. Death of unopened pipe, withering of outer leaves. To manage Select healthy sucker and plant Do not take regular crop in the same field to avoid initial infestation, Grow less susceptible varieties like Poovan, Kadali, Kunnan, Poomkalli , Apply castor cake 250g or carbaryl 50g dust or phorate 10g per pit before planting also prevents infestation. Soil incorporation at the time of planting: carbofuran 3 G 10g, phorate 10 G 5 g/plant. Before planting, the suckers should be dipped in 0.1 per cent quinalphos emulsion. Use cosmolure trap at 5/ha . • Prevailing weather condition the Brown leaf hopper infestation slightly in Brinjal. Due to this in Reduction in size of leaves, Shortened petioles, Excessive growth of branches general stunting of plants, Conversion of floral parts into leafy structures, Fruiting is rare. Before transplantation dip the seedlings in 0.2% carbofuran 50 STD solution (control insect vectors), Remove infected plants and destroy them and Spray with methyl parathion 0.5% or dimethoate 0.3%. • Prevailing weather condition the incense of Shoot and fruit borer in Bhendi. It damages the Terminal shoots wither and droop, Shedding of buds and flowers ,Bore hole in fruits and fee, Deformed fruits. To manage this collect and destroy the affected fruits.And release of parasite Trichogramma chilonis @ 1.0 lakh/ha. Set up pheromone trap @ 12/ha. To control spray 5 gm of Azadirachtin 0.03% WSP (300 ppm) / 1 ltr or 5 ml of Azadirachtin 5% Neem Extract Concentrate / 10 ltr.

