



“Gramin Krishi Mausam Sewa” (GKMS) -Chennai
(Issued jointly by Tamil Nadu Veterinary and
Animal Sciences University,
& India Meteorological Department)



Weather Advisory Bulletin – Chennai District
(Period 27th to 31th May 2017)

A. Weather for the past three days (23.05.2017 to 25.05.2017)

During past three days around Chennai area, the sky was partly cloudy to mostly cloudy without rainfall. Maximum temperature was 36.0-40.0°C and Minimum temperature was 29.0-30.0°C. Wind speed was 6-9 km per hour. Relative humidity was recorded between 52-78%.

B. Weather forecast for next five days (Until 08.30 hrs of 31.05.2017)

Parameters	27-May-17	28-May-17	29-May-17	30-May-17	31-May-17
Cloud Cover	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Rainfall (mm)	10	0	20	20	0
Wind Speed Kmph	6	6	5	5	5
Wind direction	South East	South East	South East	South East	South East
Temperature °C					
Maximum	40	40	39	39	39
Minimum	30	30	29	29	29
Relative Humidity %	50-75	50-75	55-75	55-75	55-75

Agrometeorological Advisories

Livestock:

1. Light rainfall may be on 27.05.2017, 29.05.2017 and 30.05.2017.
2. During summer 3 grams of *Aspergillus oryzae* yeast to be added to the feed to reduce heat stress to the animals.
3. 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.
4. Provide cool drinking water to animals during hot part of the day.
5. Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.
6. 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.
7. During hot part of the day dairy cows should be showered with water to reduce heat stress and to sustain milk production.
8. 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

1. 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.
2. To control shoot and fruit borer in Brinjal, apply *Emamectin benzoate* 5 SG @ 200 g/ha
3. 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.

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Weather Advisory Bulletin – Kancheepuram District
(Period 27th to 31th May 2017)

A. Weather for the past three days (23.05.2017 to 25.05.2017)

During past three days around Kancheepuram area, the sky was partly cloudy with 6.2mm of rainfall. Maximum temperature was 38.0-41.0°C and Minimum temperature was 28.0-29.0°C. Wind speed was 4-11 km per hour. Relative humidity was recorded between 52-73%.

B. Weather forecast for next five days (Until 08.30 hrs of 31.05.2017)

Parameters	27-May-17	28-May-17	29-May-17	30-May-17	31-May-17
Cloud Cover	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Rainfall (mm)	10	0	20	0	3
Wind Speed Kmph	10	10	10	10	10
Wind Direction	East South East	East South East	East South East	East South East	East South East
Temperature °C					
Maximum	40	40	39	39	39
Minimum	29	29	28	28	28
Relative Humidity %	55-75	55-75	60-70	60-70	60-70

Agrometeorological Advisories

Livestock:

1. Light rainfall may be on 27.05.2017, 29.05.2017 and 31.05.2017.
2. During summer 3 grams of *Aspergillus oryzae* yeast to be added to the feed to reduce heat stress to the animals.
3. 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.
4. Provide cool drinking water to animals during hot part of the day.
5. Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.
6. 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.
7. During hot part of the day dairy cows should be showered with water to reduce heat stress and to sustain milk production.
8. 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

1. 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.
2. To control shoot and fruit borer in Brinjal, apply *Emamectin benzoate* 5 SG @ 200 g/ha
3. To control powdery mildew in rice fallow pulses, spray 5% Neem Seed Kernel Extract or *Mancozeb* @ 400 g/ac or *Wetttable Sulphur* @ 1 kg/ac during morning or evening hours.



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Weather Advisory Bulletin – Tiruvallur District
(Period 27th to 31th May 2017)

A. Weather for the past three days (23.05.2017 to 25.05.2017)

During past three days around Tiruvallur area, the sky was partly cloudy to mostly cloudy with 0.3mm of rainfall. Maximum temperature was 36.0-40.0°C and Minimum temperature was 29.0-30.0°C. Wind speed was 6-9 km per hour. Relative humidity was recorded between 52-78%.

B. Weather forecast for next five days (Until 08.30 hrs of 31.05.2017)

Parameters	27-May-17	28-May-17	29-May-17	30-May-17	31-May-17
Cloud Cover	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Rainfall (mm)	3	0	20	10	0
Wind Speed Kmph	6	6	5	5	5
Wind Direction	South East	South East	South East	South East	South East
Temperature °C					
Maximum	40	40	39	39	39
Minimum	30	30	29	29	29
Relative Humidity %	50-75	50-75	55-75	55-75	55-75

Agrometeorological Advisories

Livestock:

1. Light rainfall may be on 27.05.2017, 29.05.2017 and 30.05.2017.
2. During summer 3 grams of Aspergillus oryzae yeast to be added to the feed to reduce heat stress to the animals.
3. 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.
4. Provide cool drinking water to animals during hot part of the day.
5. Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.
6. 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.
7. During hot part of the day dairy cows should be showered with water to reduce heat stress and to sustain milk production.
8. 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

1. 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.
2. To control shoot and fruit borer in Brinjal, apply Emamectin benzoate 5 SG @ 200 g/ha
3. 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.



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Weather Advisory Bulletin – Vellore District
(Period 27th to 31st May 2017)

A. Weather for the past three days (23.05.2017 to 25.05.2017)

During past three days around Vellore area, the sky was mostly clear to mostly cloudy with 8.6mm of rainfall. Maximum temperature was 41.0-42.0°C and Minimum temperature was 25.0-28.0°C. Wind speed was 6-19 km per hour. Relative humidity was recorded between 37-100%.

B. Weather forecast for next five days (Until 08.30 hrs of 31.05.2017)

Parameters	27-May-17	28-May-17	29-May-17	30-May-17	31-May-17
Cloud Cover	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Rainfall (mm)	15	0	20	0	10
Wind Speed Kmph	10	10	10	10	10
Wind Direction	West	West	West	West	West
Temperature °C					
Maximum	41	41	41	41	41
Minimum	28	28	25	25	25
Relative Humidity %	60-65	60-65	55-60	55-60	55-60

Agrometeorological Advisories

Livestock:

1. Light rainfall may be on 27.05.2017, 29.05.2017 and 31.05.2017.
2. During summer 3 grams of *Aspergillus oryzae* yeast to be added to the feed to reduce heat stress to the animals.
3. 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.
4. Provide cool drinking water to animals during hot part of the day.
5. Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.
6. 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.
7. During hot part of the day dairy cows should be showered with water to reduce heat stress and to sustain milk production.
8. 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

Imp. Crops: Rice, Sugarcane and Groundnut

1. 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.
2. To control shoot and fruit borer in Brinjal, apply *Emamectin benzoate* 5 SG @ 200 g/ha
3. 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.



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Weather Advisory Bulletin – Thiruvannamalai District
(Period 27th to 31th May 2017)

A. Weather for the past three days (23.05.2017 to 25.05.2017)

During past three days around Thiruvannamalai district, the sky was mostly clear to mostly cloudy with 0.9 mm of rainfall. Maximum temperature was 41.0-42.0°C and Minimum temperature was 25.0-28.0°C. Wind speed was 6-19 km per hour. Relative humidity was recorded between 37-100%.

B. Weather forecast for next five days (Until 08.30 hrs of 31.05.2017)

Parameters	27-May-17	28-May-17	29-May-17	30-May-17	31-May-17
Cloud Cover	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Rainfall (mm)	20	0	25	8	10
Wind Speed Kmph	10	10	10	10	10
Wind Direction	West	West	West	West	West
Temperature °C					
Maximum	41	41	41	41	41
Minimum	28	28	25	25	25
Relative Humidity %	60-65	60-65	55-60	55-60	55-60

Agrometeorological Advisories

Livestock:

1. Light rainfall may be expected for next five days except on 28.05.2017.
2. During summer 3 grams of *Aspergillus oryzae* yeast to be added to the feed to reduce heat stress to the animals.
3. 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.
4. Provide cool drinking water to animals during hot part of the day.
5. Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.
6. 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.
7. During hot part of the day dairy cows should be showered with water to reduce heat stress and to sustain milk production.
8. 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

Imp. Crops: Rice, Sugarcane and Groundnut

1. 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.
2. To control shoot and fruit borer in Brinjal, apply *Emamectin benzoate* 5 SG @ 200 g/ha
3. To control powdery mildew in rice fallow pulses, spray 5% *Neem Seed Kernel Extract* or *Mancozeb* @ 400 g/ac or *Wetttable Sulphur* @ 1 kg/ac during morning or evening hours.



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Weather Advisory Bulletin – Cuddalore District
(Period 27th to 31th May 2017)

A. Weather for the past three days (23.05.2017 to 25.05.2017)

During past three days around Cuddalore district, the sky was mostly cloudy without rainfall. Maximum temperature was 37.0-39.0°C and Minimum temperature was 27.0-29.0°C. Wind speed was 2-4 km per hour. Relative humidity was recorded between 68-79%.

B. Weather forecast for next five days (Until 08.30 hrs of 31.05.2017)

Parameters	27-May-17	28-May-17	29-May-17	30-May-17	31-May-17
Cloud Cover	Mostly Cloudy	Mostly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Rainfall (mm)	15	0	20	5	5
Wind Speed Kmph	4	4	4	4	4
Wind Direction	South East	South East	South East	South East	South East
Temperature °C					
Maximum	37	37	38	38	38
Minimum	25	25	28	28	28
Relative Humidity %	70-75	70-75	70-75	70-75	70-75

Agrometeorological Advisories

Livestock:

1. Light rainfall may be expected for next five days except on 28.05.2017.
2. During summer 3 grams of *Aspergillus oryzae* yeast to be added to the feed to reduce heat stress to the animals.
3. 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.
4. Provide cool drinking water to animals during hot part of the day.
5. Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.
6. 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.
7. During hot part of the day dairy cows should be showered with water to reduce heat stress and to sustain milk production.
8. 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

Imp. Crops: Rice, Sugarcane and Groundnut

1. 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.
2. To control shoot and fruit borer in Brinjal, apply *Emamectin benzoate* 5 SG @ 200 g/ha
3. To control powdery mildew in rice fallow pulses, spray 5% *Neem Seed Kernel Extract* or *Mancozeb* @ 400 g/ac or *Wetttable Sulphur* @ 1 kg/ac during morning or evening hours.



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Weather Advisory Bulletin – Villupuram District
(Period 27th to 31th May 2017)

A. Weather for the past three days (23.05.2017 to 25.05.2017)

During past four days around Villupuram district, the sky was mostly cloudy with 9.8mm of rainfall. Maximum temperature was 37.0-39.0°C and Minimum temperature was 27.0-29.0°C. Wind speed was 2-4 km per hour. Relative humidity was recorded between 68-79%.

B. Weather forecast for next five days (Until 08.30 hrs of 28.05.2017)

Parameters	27-May-17	28-May-17	29-May-17	30-May-17	31-May-17
Cloud Cover	Mostly Cloudy	Mostly Cloudy	Partly Cloudy	Partly Cloudy	Partly Cloudy
Rainfall (mm)	20	0	30	25	0
Wind Speed Kmph	4	4	4	4	4
Wind Direction	South East	South East	South East	South East	South East
Temperature °C					
Maximum`	37	37	38	38	38
Minimum	25	25	28	28	28
Relative Humidity %	70-75	70-75	70-75	70-75	70-75

Agrometeorological Advisories

Livestock:

1. Light rainfall may be on 27.05.2017, 29.05.2017 and 31.05.2017.
2. During summer 3 grams of Aspergillusorizae yeast to be added to the feed to reduce heat stress to the animals.
3. 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.
4. Provide cool drinking water to animals during hot part of the day.
5. Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.
6. 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.
7. During hot part of the day dairy cows should be showered with water to reduce heat stress and to sustain milk production.
8. 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

Imp. Crops: Rice, Sugarcane and Groundnut

1. 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.
2. To control shoot and fruit borer in Brinjal, apply Emamectin benzoate 5 SG @ 200 g/ha
3. 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.