



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



Weather Advisory Bulletin – Tiruvallur District
(Period 10th to 14th May 2017)

A. Weather for the past four days (05.05.2017 to 08.05.2017)

During past four days around Tiruvallur area, the sky was mostly clear to partly cloudy with 4.9mm of rainfall. Maximum temperature was 35.0-36.0°C and Minimum temperature was 29.0°C. Wind speed was 8-14 km per hour. Relative humidity was recorded between 57-71%.

B. Weather forecast for next five days (Until 08.30 hrs of 14.05.2017)

| Parameters | 10-May-17 | 11-May-17 | 12-May-17 | 13-May-17 | 14-May-17 |
|----------------------|------------------|------------------|------------------|---------------|---------------|
| Cloud Cover | Mostly Clear Sky | Mostly Clear Sky | Mostly Clear Sky | Partly Cloudy | Partly Cloudy |
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Wind Speed Kmph | 10 | 10 | 10 | 10 | 10 |
| Wind Direction | South South East | South South East | South South East | South East | South East |
| Temperature °C | | | | | |
| Maximum | 36 | 36 | 36 | 35 | 35 |
| Minimum | 29 | 29 | 29 | 28 | 28 |
| Relative Humidity % | 55-70 | 55-70 | 55-70 | 55-70 | 55-70 |

Agrometeorological Advisories

Livestock:

1. For every 100 birds add 10-20 ml of B-complex or liver tonic to the drinking water to reduce heat stress.
2. 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.
3. Feeders should be raised in poultry shed between 10 am to 5 pm to avoid heat stroke.
4. During hot part of the day dairy cows should be showered with water to reduce heat stress and to sustain milk production.
5. 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.
6. Farmers are advised to feed 100 to 200 grams of concentrate per day for sheep and goats due to non availability of sufficient pasture in the grazing land.
7. Apply Butox solution (2-3ml in one litter water) externally to remove ecto-parasites in sheep & goats.

Agriculture (Krishi Vigyan Kendra, Kattupakkam)

Imp. Crops: Rice, Sugarcane and Groundnut

1. To control shoot and fruit borer in Brinjal, apply Emamectin benzoate 5 SG @ 200 g/ha
2. The root zone of horticulture crops are covered with coir pith to conserve moisture.
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.