



“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 20th to 24th Feb. 2016)

A. Weather for the past three days (16.02.2016 to 18.02.2016)

During past three days around Tiruvallur area, the sky was clear to partly cloudy without rainfall. Maximum temperature was 32.0°C and Minimum temperature was 23.0-26.0°C. Wind speed was 4-9 km per hour. Relative humidity was recorded between 64-79%.

B. Weather forecast for next five days (Until 0830 hrs of 24.02.2016)

Parameters	20- Feb-16	21-Feb-16	22-Feb-16	23-Feb-16	24-Feb-16
Cloud Cover	Mostly clear	Mostly clear	Mostly clear	Mostly clear	Mostly clear
Rainfall (mm)	0	0	0	0	0
Wind Speed Kmph	8	8	8	8	8
Wind Direction	East	East	East	East	East
Temperature °C					
Maximum	32	32	32	32	32
Minimum	24	24	24	24	24
Relative Humidity %	62-76	62-76	62-76	62-76	62-76

Agrometeorological Advisories

Livestock:

1. Vaccination campaign against foot and mouth disease is scheduled from 1st to 21st March 2016 at village level (Point Vaccination). Hence, farmers are advised to vaccinate their livestock and protect them from foot and mouth disease.
2. Farmers are advised to wash and clean the udder before milking and not to provide dusty roughage immediately after milking to avoid mastitis.
3. To prevent the endoparasitic infestation animals should be allowed for grazing in the morning after the dew dried off.
4. 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.
5. Sheep and goats should be dewormed by using suitable anthelmintic by consulting with local veterinary doctor.
6. Livestock in the flood affected area will be having foot rot (lesion in the foot). Hence farmers are advised to apply 4 % Copper Sulphate (40 grams of copper sulphate in 1 liter of water) as a spray or foot dip to control the infection or Zinc oxide ointment and neem oil can be applied on the lesion.

Agriculture (Krishi Vigyan Kendra, Kattupakkam)

Imp.Crops: Rice, Sugarcane and Groundnut

1. To control the incidence of sucking pest in the vegetable crops farmer are advised to spray neem seed kernal extract 5 percent.
2. 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.
3. To control Bacterial leaf blight in rice spray of Copper hydroxide 77 WP@1.25 kg/ha at 30 DAP & 45 DAP (or) spray fresh cow dung extract 20% or NSKE 5% twice (starting from initial appearance of the disease and another at fortnight interval)