



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



**Weather Advisory Bulletin – Villupuram District**  
(Period 24<sup>th</sup> to 28<sup>th</sup> Feb. 2016)

**A. Weather for the past four days (19.02.2016 to 22.02.2016)**

During past four days around Villupuram district, the sky was clear to partly cloudy without rainfall. Maximum temperature was 32.0-33.0°C and Minimum temperature was 23.0-24.0°C. Wind speed was 2-4 km per hour. Relative humidity was recorded between 69-89%.

**B. Weather forecast for next five days (Until 0830 hrs of 28.02.2016)**

| Parameters           | 24- Feb-16   | 25-Feb-16    | 26-Feb-16    | 27-Feb-16    | 28-Feb-16    |
|----------------------|--------------|--------------|--------------|--------------|--------------|
| Cloud Cover          | Mostly clear | Mostly clear | Mostly clear | Mostly clear | Mostly clear |
| <b>Rainfall (mm)</b> | 0            | 0            | 0            | 0            | 0            |
| Wind Speed Kmph      | 3            | 3            | 3            | 3            | 3            |
| Wind Direction       | East         | East         | East         | East         | East         |
| Temperature °C       |              |              |              |              |              |
| Maximum`             | 33           | 33           | 33           | 33           | 33           |
| Minimum              | 22           | 22           | 22           | 22           | 22           |
| Relative Humidity %  | 70-87        | 70-87        | 70-87        | 70-87        | 70-87        |

**Agrometeorological Advisories**

**Livestock:**

1. Vaccination campaign against foot and mouth disease is scheduled from 1<sup>st</sup> to 21<sup>st</sup> 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**

**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)