



| | | | | | |
|--|---|------------------------------|-------------------|--|---|
|  MSSRF Science for Sustainable Development | AgroMet Advisory Bulletin (AAB) Jointly released by Regional Meteorology Centre, Chennai – India Meteorology Department, Reddiarchathram Seed Growers Association & M. S. Swaminathan Research Foundation, Kannivadi Phone no.: 044 - 22541229 E mail: rengalakshmi@mssrf.res.in Fax: 044 – 22541319 | | | |  |
| | District : | Sivagangai | Forecast Period : | 17/08/2017 to 21/08/2017 | |
| | Bulletine No : | MSSRF/SVG / 065/ 2017 | Release Date : | 16/08/2017 | |

| Significant past weather | | From | 11/08/2017 | to | 15/08/2017 |
|--------------------------|--------------|------|------------|----|------------|
| Parameters | Past Weather | | | | |
| Rainfall (mm) | 84.5 | | | | |
| Maximum Temperature (°C) | 33-36 | | | | |
| Minimum Temperature (°C) | 21-25 | | | | |
| Sky Condition (Octas) | 6-8 | | | | |
| Relative Humidity (%) | 50-93 | | | | |
| Wind Speed (kmph) | 3-20 | | | | |

Ensemble Weather Forecast until 08:30Hrs of 21-08-2017

| Parameters | 17-08-2017 | 18-08-2017 | 19-08-2017 | 20-08-2017 | 21-08-2017 |
|----------------------------|------------|------------|------------|------------|------------|
| | Thursday | Friday | Saturday | Sunday | Monday |
| Rainfall (mm) | 15 | 15 | 15 | 5 | 15 |
| Maximum Temperature (°C) | 33 | 34 | 34 | 34 | 35 |
| Minimum Temperature (°C) | 23 | 24 | 24 | 24 | 23 |
| Sky Condition (Octas) | 7 | 6 | 5 | 5 | 4 |
| Max. Relative Humidity (%) | 85 | 80 | 80 | 75 | 75 |
| Min. Relative Humidity (%) | 60 | 55 | 55 | 50 | 50 |
| Wind Speed (Kmph) | 4 | 5 | 6 | 6 | 4 |
| Wind Direction | S | S | W | W | W |

| | |
|-------------------------|---|
| SMS Advisory | Chances of Moderate rain over certain places during 17, 18, 19 & 21 and Light rain on 20 th Aug. Generally Cloudy sky will appear for next 5 days. Wind expected with the speed of 4 - 6 Km/h. |
|-------------------------|---|

Weather Based Agro-Advisories : (Important Crops : Cereals & Pulses)

Due to current situation the weed management is vital in Groundnut cultivation, Pre-sowing of Groundnut Fluchloralin at 2.0 l/ha soil applied and incorporated followed by light irrigation. And Pre-emergence of Groundnut Fluchloralin 2.0 l/ha or Pendimethalin @ 3.3l/ha applied on third day after sowing through flat fan nozzle with 500 l of water/ha followed by irrigation.

Prevailing current weather pre-treatment of seed is important in Sorghum cultivation. Treat the seeds 24 hours prior to sowing with Carbendazim or Captan or Thiram at 2g/kg of seed. Treat the seeds with three packets (600 g) / ha of Azospirillum and 3 packets (600g) of phosphobacteria or 6 packets of Azophos (1200g) using rice kanji as binder.

Prevailing weather condition the incense of Enterotoxaemia in Goat. The mail symptoms of the disease causes sudden death in young growing kids. Mucous diarrhea may also seen during death . To prevent and control this disease Don't feed on young grass, .allow the goat for grazing after 1 hour of sunshine & vaccinate the animals once in a year before the onset of monsoon..

Principal Coordinator
MSSRF