
	<b>AgroMet Advisory Bulletin (AAB)</b> 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: <a href="mailto:rengalakshmi@mssrf.res.in">rengalakshmi@mssrf.res.in</a> Fax: 044 – 22541319						
	District :	<b>Madurai</b>	Forecast Period :	<b>17/08/2017</b>	to		<b>21/08/2017</b>
	Bulletine No :	<b>MSSRF/ MDU / 065/ 2017</b>	Release Date :	<b>16/08/2017</b>			

Significant past weather		From	11/08/2017	to	15/08/2017
Parameters	Past Weather				
Rainfall (mm)	58.8				
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)	5	3	3	1	5
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

<b>SMS Advisory</b>	Chances of Light rain over certain places during next 5 days. Generally Cloudy sky will appear for next 5 days. Wind expected with the speed of 4 - 6 Km/h.
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**Weather Based Agro-Advisories : ( Important Crops : Paddy & Sorghum)**

Prevailing current weather the incense of Thrips in paddy .Paddy leaf shows discoloration and rolling, Yellow (or) silvery streaks on the leaves of young seedlings, Terminal rolling and drying of leaves from tip to base, It causes damage both in nursery and main field, Leaf tips wither off when severely infested, Unfilled grains at panicle stage . To control **ETL**: 60 numbers in 12 passes or rolling of the first and second leaves in 10% of seedlings and spray Phosphamidon 40 SL 50 ml.

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**