

Bulletin No: MSSRF/MDR/079(09)/2016

Date: 30.09.2016

Significant past weather from 27-09-2016 to 29-09-2016

Parameters	Past weather
Rainfall (mm)	20.3
Maximum Temperature (°C)	38-39
Minimum Temperature (°C)	24-27
Sky condition (Octas)	7
Relative humidity (%)	46-72
Wind speed (kmph)	7-19

Ensemble Weather forecast until 0830 hrs of 05.10.16

Parameters	Ensemble FCST				
	01.10.16	02.10.16	03.10.16	04.10.16	05.10.16
	Saturday	Sunday	Monday	Tuesday	Wednesday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	36	36	36	36	36
Minimum Temperature (°C)	27	27	27	27	27
Sky condition (Octas)	5	5	5	5	5
Max. Relative humidity (%)	70	70	70	70	70
Min. Relative humidity (%)	65	65	65	65	65
Wind speed (kmph)	10	10	10	10	10
Wind direction	S	S	S	S	S

SMS Advisory:

- During forthcoming five days the weather will be dry & cloudy, with slight breeze.

Weather Based Agro-Advisories

Imp. Crops: Rice and Sugarcane

Stage: Kuruvai: Maturity stage; Samba: Sowing and transplanting

- Field preparation has to be done for samba season paddy crop by utilizing the last week rainfall.
- Considering the anticipated light rainfall, Samba paddy nursery sowing may be taken up with medium duration rice variety.
- For direct sown rice in samba season, sowing by using tractor drawn seed drill, seed rate of 15 kg/acre is required. For manual broadcasting seed rate of 30 kg/acre is required. Seeds should be treated with *Pseudomonas fluorescense* 10g/kg of seed before sowing. Seed treatment increase seed germination, seedling vigour and controls the seed borne disease.
- Avoid stagnation of water around cattle shed to prevent mosquito multiplication.

**Principal Coordinator
MSSRF**