

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

Date: 30.09.2016

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

Parameters	Past weather
Rainfall (mm)	0
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)	26	26	26	26	26
Minimum Temperature (°C)	20	20	20	20	20
Sky condition (Octas)	5	5	5	5	5
Max. Relative humidity (%)	75	75	75	75	75
Min. Relative humidity (%)	45	45	45	45	45
Wind speed (kmph)	6	6	6	6	6
Wind direction	WNW	WNW	WNW	WNW	WNW

SMS Advisory:

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

Weather Based Agro-Advisories

Imp. Crops: Rice, Vegetables, Banana 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