

**Bulletin No: MSSRF/PDK/056(07)/2016**

**Date: 12.07.2016**

**Significant past weather from 08-07-2016 and 11-07-2016**

Parameters	Past weather
Rainfall (mm)	0.1
Maximum Temperature (°C)	36-38
Minimum Temperature (°C)	27-29
Sky condition (Octas)	6
Relative humidity (%)	39-56
Wind speed (kmph)	26-27

**Ensemble Weather forecast until 0830 hrs of 17.07.16**

Parameters	Ensemble FCST				
	13.07.16	14.07.16	15.07.16	16.07.16	17.07.16
Rainfall (mm)	0	0	1	3	12
Maximum Temperature (°C)	37	37	36	36	34
Minimum Temperature (°C)	28	28	27	27	25
Sky condition (Octas)	5	5	6	6	7
Max. Relative humidity (%)	59	59	65	70	85
Min. Relative humidity (%)	44	44	50	55	70
Wind speed (kmph)	26	26	27	27	27
Wind direction	WNW	WNW	WNW	WNW	WNW

**SMS Advisory :**

- Light to moderate rain may occur from 15<sup>th</sup> to 17<sup>th</sup> July over certain spots.

**Weather Based Agro-Advisories**

**Crop: Rice, Sugarcane**

- In rice cultivation application of 200 kg gypsum and 125 kg super phosphate per acre as basal application during main field preparation is essential. If the soil is low in nitrogen status, apply 35 kg urea per acre as basal.
- De-trashing or remove dry cane leaves to avoid borer infestation in early season planted cane of 150 days old.
- Since the vegetables crops at flowering to fruiting stage and due to increasing the temperature better to apply the nutrients through fertigation or foliar spray.
- Farmers are advised to keep the floor of the animal habitation dry to avoid hoof infection and to prevent fly breeding.

**Principal Coordinator**  
**MSSRF**