

**Bulletin No: MSSRF/THN/030/2017**

**Date: 13.04.2017**

**Significant past weather from 11-04-2017 to 12-04-2017**

Parameters	Past weather
Rainfall (mm)	0
Maximum Temperature (°C)	40
Minimum Temperature (°C)	27
Sky condition (Octas)	3-6
Relative humidity (%)	33-63
Wind speed (kmph)	11-19

**Ensemble Weather forecast until 08:30 hrs of 18.04.17**

Parameters	Ensemble FCST				
	14.04.17	15.04.17	16.04.17	17.04.17	18.04.17
	Friday	Saturday	Sunday	Monday	Tuesday
Rainfall (mm)	5	5	5	0	0
Maximum Temperature (°C)	29	29	29	28	28
Minimum Temperature (°C)	23	23	23	23	23
Sky condition (Octas)	4	4	4	4	4
Max. Relative humidity (%)	75	75	75	73	73
Min. Relative humidity (%)	30	30	30	30	30
Wind speed (kmph)	3	3	3	3	3
Wind direction	S	S	S	S	S

**SMS Advisory:**

Light rain may occur during 14<sup>th</sup>, 15<sup>th</sup> and 16<sup>th</sup> of April. Partly cloudy, hot weather will prevail for the next 5 days.

**Weather Based Agro-Advisories**

**Imp. Crops: Sugarcane and Vegetables**

- Considering the temperature of high in order, based on the soil moisture, irrigation may be given to vegetables crops.
- Since the vegetables crops at flowering to fruiting stage and due to increasing the temperature better to apply the nutrient through fertigation or foliar spray.
- In sugarcane, iron deficiency may be rectified by foliar spraying of 250 g of Ferrous Sulphate dissolved in 100 liters of water or Soil application of 25 kg of Ferrous Sulphate.
- Since both maximum and minimum temperature is high enough, animal may feed with drinking water @ 80 – 100 liters per day per animal in four splits.