

Bulletin No: MSSRF/DGL/033/2017

Date: 25.04.2017

Significant past weather from 21-04-2017 to 24-04-2017

Parameters	Past weather
Rainfall (mm)	11
Maximum Temperature (°C)	40-41
Minimum Temperature (°C)	27-28
Sky condition (Octas)	4-5
Relative humidity (%)	40-62
Wind speed (kmph)	12-17

Ensemble Weather forecast until 08:30 hrs of 30.04.17

Parameters	Ensemble FCST				
	26.04.17	27.04.17	28.04.17	29.04.17	30.04.17
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	5	5	0	0	0
Maximum Temperature (°C)	41	41	41	40	40
Minimum Temperature (°C)	28	28	28	28	28
Sky condition (Octas)	4	4	4	5	5
Max. Relative humidity (%)	55	55	55	55	55
Min. Relative humidity (%)	45	45	45	45	45
Wind speed (kmph)	10	10	10	10	10
Wind direction	SE	SE	SE	SE	SE

SMS Advisory:

Light rain may occur during next 2 days. Partly cloudy and very hot weather will prevail for the next 5 days.

Weather Based Agro-Advisories:

Imp. Crops: Mango and Guava

- Due to prevailing weather condition there is incense of Fruit fly in Mango. Maggot bore into semi-ripen fruits with decayed spots and dropping of fruits. Oozing of fluid, Brownish rotten patches on fruits. Collect fallen infested fruits and dispose them by dumping in a pit. Provide summer ploughing to expose the pupa. Bait spray - combing any one of the insecticides and molasses or jaggery 10 g/l, malathion 50EC 2 ml/l or dimethoate 30 EC 1 ml/l,
- Prevailing weather condition the incense of fruit borer in Guava. The borer caterpillar bores into young fruits, Feeds on internal contents of fruit, Dry up and fall off fruits before ripening. Collect and destroy damaged fruits. Use light trap @ 1/ ha to monitor the activity of adults, foliar spray malathion 50 EC 0.1% two times, one at flower formation and next at fruit set period.
- Considering the temperature of high in order, based on the soil moisture, irrigation may be given to vegetables crops.
- 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.