

**Bulletin No: MSSRF/THN/025/2017**

**Date: 28.03.2017**

**Significant past weather from 24-03-2017 to 27-03-2017**

Parameters	Past weather
Rainfall (mm)	0
Maximum Temperature (°C)	36-38
Minimum Temperature (°C)	22-23
Sky condition (Octas)	0-2
Relative humidity (%)	24-69
Wind speed (kmph)	2-13

**Ensemble Weather forecast until 08:30 hrs of 02.04.17**

Parameters	Ensemble FCST				
	29.03.17	30.03.17	31.03.17	01.04.17	02.04.17
	Wednesday	Thursday	Friday	Saturday	Sunday
Rainfall (mm)	0	0	0	0	0
Maximum Temperature (°C)	36	36	36	36	37
Minimum Temperature (°C)	23	23	23	23	24
Sky condition (Octas)	2	2	3	3	2
Max. Relative humidity (%)	66	66	66	66	66
Min. Relative humidity (%)	28	28	28	28	28
Wind speed (kmph)	9	8	9	8	8
Wind direction	E	SE	SE	SE	E

**SMS Advisory:**

Mainly clear sky with hot weather will prevail for the next 5 days. No chance for rain

**Weather Based Agro-Advisories**

**Imp. Crops: Vegetables, Mango and Coconut**

- Due to prevailing weather condition the incense of Mealy Bug in Coconut. Mealy bugs colonize on all tender plant parts like bases of spear leaf, spadix and inflorescence and beneath the perianth of the nut. As a result, the leaves become highly stunted, suppressed, deformed and present a crinkled appearance. Mealy bugs infest the unopened heartleaf and inflorescence. It feed plant sap. Leaves are yellowing and dry up. Button mealy bugs colonize under the perianth lobes of tender nuts. Infested nuts harbouring gravid mealy bugs remain on the spadix, which serve as inoculum for further spread. Remove leaflets harbouring these insects and destroy them. To manage the mealy bug spraying of Malathion 50 EC @ 2 ml or Dimethoate 30 EC @1 ml or Methyl demeton 25 EC @1 ml or 3% Neem oil with one litter of water.
- Prevailing weather condition the Inflorescence midge occurrences in Mango. This is caused by Maggots. Maggots attack the inflorescence stalk, flowers and small developing fruits. Maggot bore into the bud and feeds on inner content. Buds fail to open and drop down. Remove and destroy affected flowers and tender shoots. Spray dimethoate 30 EC @ 0.06%, methyl demeton 25 EC @0.05%.
- Prevailing of Hot weather the Gray Mold disease occurrence in Tomato. The main lesion is - a watery area with a light brown or tan-colored central region of Tomato. The affected part Converted into a soft, watery mass within a few days. Tomato Skin is broken, the grayish mycelium and spore clusters develop within a few hours. To control this ensure good drainage facility in the field, during the night, Remove decaying plant material from the plant bed, Avoid bruising during packing and transport, Pre harvest spray 0.2% captan at monthly intervals.
- Prevailing weather condition the maintenance of Cow shed is important one. A Cow shed should be located to a maximum exposure to the sun in the north and minimum exposure to the sun in the south and protection from prevailing strong wind currents whether hot or cold. Cow shed should be placed so that direct sunlight can reach the platforms, gutters and mangers in the cattle shed. As far as possible, the long axis of the dairy barns should be set in the north-south direction to have the maximum benefit of the sun.

**Principal Coordinator**  
**MSSRF**