

Bulletin No: MSSRF/MDU/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: Coconut and vegetables

- Due to prevailing weather condition the occurrences of Ash weevils in Brinjal. Notching of leaf margins, Grubs feed on roots causing wilting of plants. To control this Collect and destroy adults, Apply 500 Kg of Neem cake per hac at the time of last ploughing and in endemic areas, apply carbofuran 3 G @15 kg/ha on 15 days after planting.
- 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 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