



## Agromet Advisory Service Bulletin for Thane District

(Issued jointly by IAAS, Dr. B.S. KonkanKrishiVidyapeeth, &amp; Regional India Meteorological Department, Mumbai)

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Significant past weather for the preceding week  
(Period –13/02/2017 to 17/02/2017)

|                                 |  |
|---------------------------------|--|
| Rainfall (mm):                  |  |
| Total Rainfall (mm):            |  |
| Total Rainfall (mm) (last year) |  |
| Maximum temperature (°C)        |  |
| Minimum temperature (°C)        |  |
| Morning RH (%)                  |  |
| Afternoon RH (%)                |  |
| Wind Speed (km/hr):             |  |
| Total cloud cover (Octa)        |  |

Weather forecast until 08.30 hrs of 22/02/2017

| PARAMETERS                 | Day-1 | Day-2 | Day-3 | Day - 4 | Day - 5 |
|----------------------------|-------|-------|-------|---------|---------|
|                            | 18/02 | 19/02 | 20/02 | 21/02   | 22/02   |
| Rainfall (mm)              | 0     | 0     | 0     | 0       | 0       |
| Maximum temperature (°C)   | 37    | 37    | 36    | 35      | 34      |
| Minimum temperature (°C)   | 23    | 23    | 22    | 20      | 19      |
| Total cloud cover (Octa)   | 0     | 0     | 0     | 0       | 0       |
| Relative Humidity Max. (%) | 46    | 45    | 45    | 66      | 62      |
| Relative Humidity Min. (%) | 21    | 19    | 20    | 21      | 26      |
| Wind Speed (Km/hr)         | 005   | 002   | 004   | 004     | 004     |
| Wind Direction             | 81    | 65    | 124   | 81      | 127     |

: Agro-met Advisory:

Sky will be clear from 18<sup>th</sup> to 22<sup>nd</sup> February, 2017. Wind velocity range from 2 to 5 kmph on 18<sup>th</sup> to 22<sup>nd</sup> February, 2017.

| Crop                          | Crop Stage       | Agromet Advisory   |
|-------------------------------|------------------|--|
| <b>Sapota</b>                 | Vegetative Stage | <ul style="list-style-type: none"> <li>If unmature fruit drops of sapota are observed spray combined fungicides of (Metalxyl-M 8% + Mancozeb 64%) @ 0.2% i.e. 20 g per 10 lit. of water on whole plant canopy.</li> </ul>  |
| <b>Coconut, Arecanut</b>      | --               | <ul style="list-style-type: none"> <li>Spraying the FYM pits with 0.2 % Carbaryl for control of adults and grubs of rhinoceros beetle.</li> <li>To control red palm weevil affected coconut, fill the holes made by RPW with 10 per cent Carbaryl dust and sand mixture. Prepare a slanting hole with the help of screw drill about 1 m height from ground level on tree trunk and pour about 20 ml of 36 % Monocrotophos or 20% Chlorphyriphos + 20 ml water with the help of plastic funnel in the hole and close the hole with the help of cement.</li> <li>Prepare water channels to drain out excess water from coconut and arecanut garden during rainy season.</li> </ul> |
| <b>Vegetable</b>              | Vegetative Stage | <ul style="list-style-type: none"> <li>If incidence of hopper, aphids and thrips is observed in <i>rabi</i> vegetable nursery viz., brinjal, tomato, cabbage, chilli, knol knol etc., spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water.</li> <li>If 5 to 6 weeks completed after sowing of brinjal and chill crops then seedling are ready for transplanting. At the time of transplanting the seedlings may be deep in Dimethoate @ 10 ml/10 lit. of water and transplanted on ridges of main field with spacing of 60 x 60 cm.</li> </ul>   |
| <b>Watermelon Cultivation</b> | --               | <ul style="list-style-type: none"> <li>In watermelon crop if symptoms of wilting is observed then drenching of carbandazim @ 1 gm. per lit. of water per vine.</li> <li>Apply straw mulch or polythene mulch for water melon crops.</li> </ul>   |
| <b>Goats/ Milch animals</b>   | --               | <ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.</li> <li>Planting of binneal forage crops like Paragrass, Napier, Gajraj etc is advocated.</li> <li>Protect the animals/poultry birds from low temperature by providing curtains and electric bulbs as per the need.</li> </ul>  |
| <b>Suggestion</b>             | --               | <ul style="list-style-type: none"> <li>Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.</li> </ul>   |