



## Agromet Advisory Service Bulletin for Thane District

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

**Dr. Subhash Chavan,**  
Head,  
Department of Agronomy  
9422431067

**Dr. Vijay More,**  
Nodal Officer,  
Department of Agronomy  
9422374001

**Prof. Viresh Chavan,**  
Technical Officer,  
Department of Agronomy  
9422065344

**Significant past weather for the preceding week  
(Period –05/02/2018 to 09/02/2018)**

|                                 |  |
|---------------------------------|--|
| 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 14/02/2018**

| PARAMETERS                 | Day-1 | Day-2 | Day-3 | Day - 4 | Day - 5 |
|----------------------------|-------|-------|-------|---------|---------|
|                            | 10/02 | 11/02 | 12/02 | 13/02   | 14/02   |
| Rainfall (mm)              | 0     | 0     | 0     | 0       | 0       |
| Maximum temperature (°C)   | 34    | 34    | 34    | 35      | 36      |
| Minimum temperature (°C)   | 21    | 20    | 20    | 20      | 21      |
| Total cloud cover (Octa)   | 6     | 0     | 1     | 1       | 0       |
| Relative Humidity Max. (%) | 49    | 77    | 90    | 78      | 57      |
| Relative Humidity Min. (%) | 18    | 18    | 27    | 28      | 13      |
| Wind Speed (Km/hr)         | 003   | 002   | 002   | 003     | 005     |
| Wind Direction             | 180   | 101   | 126   | 94      | 63      |

**: Agro-met Advisory: 218**

**Sky will be cloudy from 10<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> February, 2018. Wind velocity range from 2 to 5 kmph from 10<sup>th</sup> to 14<sup>th</sup> February, 2018.**

| Crop                                      | Crop Stage            | Agromet Advisory   |
|---|-----------------------|--|
| <b>Pulses crops</b>                       | Vegetative stage      | <ul style="list-style-type: none"> <li>There are forecasted cloudy weather on 6<sup>th</sup> and 7<sup>th</sup> February also variation between minimum temperature hence incidence of aphids and leaf minor is increased if it is observed on pulse crops, spray 10 ml Dimethoate or Lambda cyhalothrin 5% EC @ 6ml. per 10 lit. of water at an interval of 15-20 days.</li> </ul>  |
| <b>Sapota</b>                             | <b>Fruiting Stage</b> | <ul style="list-style-type: none"> <li>If unmaturing 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> <li>It is a possibility for incidence of sapota seed borer, spray deltamethrin 2.8% E.C. @ 10 ml per 10 liter of water alongwith sticker. (The insecticide are not under label claim).</li> <li>Some parts in the district the sapota fruits are mature size stage, harvest the mature fruits before 10 hours in the morning and after 16 hours in the evening with the help on Atul Sapota harvester.</li> </ul>  |
| <b>Coconut, Arecanut</b>                  | --                    | <ul style="list-style-type: none"> <li>For control of adults and grubs of rhinoceros beetle, dust 2 % Methyl parathion powder after every 2 month interval in FYM pits.</li> <li>To control red palm weevil affected coconut, 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 with the help of plastic funnel in the hole and close the hole with the help of cement.</li> </ul>  |
| <b>Vegetable crop and watermelon crop</b> | --                    | <ul style="list-style-type: none"> <li>For control of bacterial wilt of chilli, brinjal and tomato seedling, spray Copper Oxychloride @ 20 to 25 g/10 lit of water on seedbed after sowing of seeds. Also apply Carbarly or Lindane powder on side of seedbed to control against ant.</li> <li>There is possibility for incidence of powdery mildew, spray Hexaconazole 5% EC 5 ml or Sulphur 80% WP @ 20 g per 10 lit. of waters.</li> <li>Due to cloudy weather on 7<sup>th</sup> to 11<sup>th</sup> February, 2018 there is possibility for increased incidence of hopper, aphids and thrips on vegetable crops viz., brinjal, tomato, cabbage, chilli, knol knol etc., if it is noticed spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water.</li> <li>Cucurbitaceous vegetables are in fruit bearing stage, install of Rakshak fruit fly traps developed by University @ 4 traps per ha area is advocated to control fruit fly in vegetables garden.</li> <li>In watermelon crop if symptoms of wilting are 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>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>   |