



**Agromet Advisory Service Bulletin for Thane and Palghar District**  
(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth,  
& Regional India Meteorological Department, Mumbai)  
(02358) 282387



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Duration – 5 days

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| Significant past weather for the preceding week<br>(Period –29/12/2018 to 04/01/2019) |       |       |       |       |       |       | Weather Parameters                             | Weather forecast until 08.30 hrs of<br>09/01/2019 |       |                                     |       |       |
|---|-------|-------|-------|-------|-------|-------|--|---|-------|-------------------------------------|-------|-------|
| 29/12   | 30/12 | 31/12 | 01/01 | 02/01 | 03/01 | 04/01 |  | 05/01   | 06/01 | 07/01                               | 08/01 | 09/01 |
| 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | 0.0   | Rainfall (mm)                                  | 0   | 0     | 0                                   | 0     | 0     |
| 30.6  | 30.6  | 31.0  | 31.58 | 31.6  | 32.6  | 31.2  | Maximum temperature (°C)                       | 29  | 29    | 30                                  | 30    | 31    |
| 10.2  | 11.8  | 11.4  | 11.4  | 12.6  | 15.0  | -     | Minimum temperature (°C)                       | 15  | 16    | 16                                  | 17    | 17    |
| 0   | 0     | 0     | 0     | 0     | 0     | 0     | Cloud cover (Octa)                             | 0   | 0     | 0                                   | 0     | 0     |
| 79  | 64    | 69    | 88    | 81    | 60    | 91    | Relative Humidity Max. (%)                     | 72  | 72    | 70                                  | 70    | 68    |
| 31  | 30    | 30    | 32    | 21    | 32    | -     | Relative Humidity Min. (%)                     | 60  | 58    | 58                                  | 56    | 56    |
| 2.8   | 2.5   | 2.3   | 1.9   | 1.7   | 3.2   | 1.8   | Wind speed (Km/hr)                             | 4   | 6     | 9                                   | 8     | 5     |
| -   | -     | -     | -     | -     | -     | -     | Wind direction                                 | 63  | 47    | 52                                  | 72    | 54    |
| Rainfall (mm) in last week  |       |       |       |       |       |       | Rainfall (mm) from 01/01/2019<br>to till dated |   |       | Total Rainfall (mm) in last<br>year |       |       |
| 0.0   |       |       |       |       |       |       | 0.0  |   |       | 2359.6                              |       |       |

**Agro-met Advisory**

**There will be increase in maximum and minimum temperature from 5<sup>th</sup> to 9<sup>th</sup> January, 2019.**

| Crop                                 | Stage                                    | Agro Advise  |
|--------------------------------------|--|--|
| Lablab bean                          | Flowering                                | <ul style="list-style-type: none"> <li>Provide irrigation to lablab bean crop when crop is in flowering stage</li> </ul>   |
| Mango                                | Vegetative flush & flower bud initiation | <ul style="list-style-type: none"> <li>There is possibility of incidence of mango hoppers at the time of flower bud initiation of Mango, therefore it is advise to spray Lambda cyhaothrin 5%EC @ 6 ml per 10 liter of water. Also add Hexaconazole 5% @ 5 ml or wetttable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew disease.</li> <li>There is possibility for incidence of thrips on mango tree, if incidence is noticed spray Diamethoate 30%EC @ 15 ml per 10 lit of water. (insecticide is not under label claim )</li> </ul> |
| Coconut                              | -  | <ul style="list-style-type: none"> <li>Incidence of Rugose spiralling whitefly (RSW) on coconut in coastal area of district is noticed. Infestation results into development of black sooty mold on leaves. Monitor the orchard regularly and if incidence is noticed, install yellow sticky trap to trap adults of whiteflies also apply 1% starch solution (1 gram per liter of water) on leaflets to flake out black sooty mold.</li> </ul>   |
| Banana                               | Vegetative                               | <ul style="list-style-type: none"> <li>There is possibility of incidence of Rugose spiralling whitefly (RSW) on banana in coastal area of district. Infestation results into development of black sooty mold on leaves. Monitor the orchard regularly and if incidence is noticed, install yellow sticky trap to trap adults of whiteflies also apply 1% starch solution (1 gram per liter of water) on leaflets to flake out black sooty mold.</li> </ul>   |
| Flower crop                          | Vegetative                               | <ul style="list-style-type: none"> <li>Apply second split dose of nitrogen 50 kg/ha (108 kg urea/ha) to aster and marigold crop after 30-40 days of planting.</li> </ul>   |
| Vegetables/<br>Fruit crop<br>nursery | Vegetative                               | <ul style="list-style-type: none"> <li>For control of weeds in cole crop, do weeding operation after 20-25 days of planting also earthing up of soil to give support to plant.</li> <li>If the incidence of aphids, leaf hoppers, leaf eating caterpillars, leaf miner is noticed on tomato, brinjal, chilli etc. vegetable crops, spray malathion 20 ml or Dimethoate 15 ml per 10 liters of water at 10 to 15 days interval.</li> <li>Provide irrigation to vegetable crop and grafts, sapling of fruit crop nursery regularly.</li> </ul>                     |
| Milch<br>Animals/<br>Goat /Poultry   | --                                       | <ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water to farm animals.</li> <li>Protect the animals /poultry birds from low temperature by providing curtains and electric bulbs as per the need.</li> </ul>  |

**This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of "Gramin Krishi Mausam Sewa (GKMS)" Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli.**  
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