



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 (Period –26/12/2018 to 01/01/2019) | | | | | | | Weather Parameters | Weather forecast until 08.30 hrs of 06/01/2019 | | | | |
|---|-------|-------|-------|-------|-------|-------|--|---|-------|-------|-------|----------------------------------|
| 26/12 | 27/12 | 28/12 | 29/12 | 30/12 | 31/12 | 01/01 | | 02/01 | 03/01 | 04/01 | 05/01 | 06/01 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | - | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 31.0 | 28.0 | 29.4 | 30.6 | 30.6 | 31.0 | - | Maximum temperature (°C) | 32 | 31 | 30 | 30 | 30 |
| 17.4 | 11.2 | 10.4 | 10.2 | 11.8 | 11.4 | - | Minimum temperature (°C) | 16 | 16 | 15 | 14 | 14 |
| 0 | 0 | 0 | 0 | 0 | 0 | - | Cloud cover (Octa) | 3 | 0 | 0 | 0 | 0 |
| 58 | 48 | 45 | 79 | 64 | 69 | - | Relative Humidity Max. (%) | 68 | 69 | 70 | 70 | 71 |
| 23 | 56 | 24 | 31 | 30 | 30 | - | Relative Humidity Min. (%) | 35 | 35 | 37 | 38 | 38 |
| 3.3 | 3.9 | 4.0 | 2.8 | 2.5 | 2.3 | - | Wind speed (Km/hr) | 4 | 6 | 6 | 5 | 5 |
| - | - | - | - | - | - | - | Wind direction | 63 | 53 | 83 | 82 | 114 |
| Rainfall (mm) in last week | | | | | | | Rainfall (mm) from 01/01/2019 to till dated | | | | | Total Rainfall (mm) in last year |
| 0.0 | | | | | | | 0.0 | | | | | 2359.6 |

Agro-met Advisory

There will be decrease in maximum and minimum temperature from 2nd to 6th January, 2019.

| Crop | Stage | Agro Advise |
|---------------------------------------|--|--|
| Rice | Seedling | <ul style="list-style-type: none"> Apply 1 kg urea per guntha after 15 days of sowing of rice nursery. |
| Lablab bean | Flowering | <ul style="list-style-type: none"> Provide irrigation to lablab bean crop when crop is in flowering stage |
| Mango | Vegetative flush & flower bud initiation | <ul style="list-style-type: none"> There is possibility of incidence of mango hopppers 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 wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew disease.. |
| Banana | Vegetative | <ul style="list-style-type: none"> If incidence of bunchy top disease is noticed on banana, remove and destroy infected plant. Since the aphid act as vector for bunchy top disease, if incidence of aphid is notice in banana orchard spray 0.05 % dimethoate insecticide 3 times at 15 days interval. |
| Sapota | Vegetative | <ul style="list-style-type: none"> Apply 2nd fertilizer dose @ 10 ghamel FYM, 3 kg urea, 9 kg Single super phosphate and 3 kg muriate of potash per tree having age above 20 years. |
| Vegetables/ Fruit crop nursery | Vegetative | <ul style="list-style-type: none"> If incidence of wilt is noticed on watermelon, drenching of carbendazim @1 gm per liter is suggested. 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. There is forecast of decrease in minimum temperature, Provide irrigation to vegetable crop and grafts, sapling of fruit crop nursery at evening hours. |
| Flower crop | Vegetative | <ul style="list-style-type: none"> For control of weeds in marigold and aster flower crop, do weeding operation after 15-20 days of transplanting also earthing up of soil to give support to plant. Apply second split dose of nitrogen 50 kg/ha (108 kg urea/ha) to aster and marigold crop after 30-40 days of planting. |
| Milch Animals/ Goat /Poultry | -- | <ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals. Vaccination against Ranikhet disease in poultry birds under the supervision of veterinary officer is advocated. Protect the animals /poultry birds from low temperature by providing curtains and electric bulbs as per the need. |

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.
For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.

** HAPPY NEW YEAR **