



Agromet Advisory Service Bulletin for Thane District

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

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**Significant past weather for the preceding week
(Period –20/04/2018 to 24/04/2018)**

| | |
|---------------------------------------|-----------|
| Rainfall (mm): | 0.0 |
| Total Rainfall (mm): | 0.0 |
| Total Rainfall (mm) (last year) | 2834.2 |
| Maximum temperature (⁰ C) | 32.6-37.0 |
| Minimum temperature (⁰ C) | 22.6-27.8 |
| Morning RH (%) | 76-82 |
| Afternoon RH (%) | 57-68 |
| Wind Speed (km/hr): | 3.3-5.0 |
| Total cloud cover (Octa) | 0 |

Weather forecast until 08.30 hrs of 29/04/2018

| PARAMETERS | Day-1 | Day-2 | Day-3 | Day - 4 | Day - 5 |
|---------------------------------------|-------|-------|-------|---------|---------|
| | 25/04 | 26/04 | 27/04 | 28/04 | 29/04 |
| Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| Maximum temperature (⁰ C) | 35 | 35 | 36 | 38 | 39 |
| Minimum temperature (⁰ C) | 24 | 24 | 25 | 25 | 27 |
| Total cloud cover (Octa) | 0 | 0 | 0 | 0 | 1 |
| Relative Humidity Max. (%) | 64 | 75 | 88 | 91 | 94 |
| Relative Humidity Min. (%) | 19 | 11 | 16 | 22 | 22 |
| Wind Speed (Km/hr) | 002 | 003 | 003 | 003 | 002 |
| Wind Direction | 115 | 133 | 102 | 100 | 112 |

: Agro-met Advisory:

Sky will slightly clear from 25th to 28th April, 2018 and slightly cloudy on 29th April, 2018. Wind velocity range from 2 to 3 kmph from 25th to 29th April, 2018.

| Crop | Crop Stage | Agromet Advisory |
|--------------------------------------|-----------------------|--|
| Pulses crops | Harvesting | <ul style="list-style-type: none"> Harvest mature pulse crop early in morning or late in evening and dry it for 3 to 4 days in sunlight. Stored dried grain in proper manner. |
| Sapota | Fruiting Stage | <ul style="list-style-type: none"> 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. 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. Due to increasing temperature and humidity variation, irrigate the sapota orchard as per the water availability is suggested. |
| Coconut, Arecanut | -- | <ul style="list-style-type: none"> For control of adults and grubs of rhinoceros beetle, dust 2 % Methyl parathion powder after every 2 month interval in FYM pits. 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. |
| Vegetable crop | Fruiting Stage | <ul style="list-style-type: none"> If incidence of hopper, aphids and thrips on vegetable crops viz., brinjal, tomato, cabbage, chilli, knol knol etc., is noticed spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water. 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. |
| Goats/ Milch animals/ Poultry | -- | <ul style="list-style-type: none"> Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal. Planting of biennial and perennial forage crops for livestock like paragrass, hybrid napier, CO-3, yashwant etc. Provide 1 to 1.5 kg concentrate + 15 to 20 kg green fodder + 4 to 5 kg roughages per day for milch animals. Young goats provide 3 to 4 kg green fodder + 2 to 2.5 kg dry fodder + 300 g concentrate., Protect the animals from afternoon heat. Keep good aeration in animal shed. For boiler poultry bird 1st three week provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement. The temperatures during they are increasing hence protect poultry birds from heat. |
| Suggestion | -- | <ul style="list-style-type: none"> Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions. |