



Agromet Advisory Service Bulletin for Thane District
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
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Duration – 5 days

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| Significant past weather for the preceding week (Period –25/01/2020 to 31/01/2020) | | | | | | | Weather Parameters | Weather forecast until 08.30 hrs of 05/02/2020 | | | | |
|---------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|----------------------------|---------------------------------------------------|-------|-------|-------|-------|
| 25/01 | 26/01 | 27/01 | 28/01 | 29/01 | 30/01 | 31/01 | | 01/02 | 02/02 | 03/02 | 04/02 | 05/02 |
| 0 | 0 | 0 | 0 | - | - | - | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 36.5 | 36.5 | 32.1 | 29.8 | - | - | - | Maximum temperature (°C) | 29 | 30 | 31 | 29 | 30 |
| 21.6 | 21.1 | 20.2 | 19.4 | - | - | - | Minimum temperature (°C) | 18 | 19 | 20 | 18 | 19 |
| - | - | - | - | - | - | - | Cloud cover (Octa) | 0 | 0 | 1 | 3 | 3 |
| 90 | 85 | 100 | 100 | - | - | - | Relative Humidity Max. (%) | 51 | 44 | 63 | 70 | 60 |
| 55 | 57 | 66 | 71 | - | - | - | Relative Humidity Min. (%) | 28 | 25 | 26 | 29 | 26 |
| 3 | 4 | 1 | 3 | - | - | - | Wind speed (Km/hr) | 9 | 10 | 5 | 4 | 10 |
| NE | NNE | NE | NE | - | - | - | Wind direction | E | ENE | ESE | E | NE |

Agro-met Advisory

During next five days the maximum temperature will be in the range of 29 to 31°C and minimum temperature in the range of 18 to 20 °C and sky remain partly cloudy from 3rd to 5th February, 2020.

| Crop | Stage | Agro Advise |
|----------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lablab bean | Pod stage | <ul style="list-style-type: none"> There is possibility of incidence of pod borer on lablab bean crop which initially feed on buds and then on tender pods. If incidence is noticed, collect and destroy all infected pods and spray Quinalphos 25% EC @ 20ml of Dimethoate 30% EC@12 ml per 10 liter of water. Install birds' perches into field. Provide irrigation to lablab bean crop where crop is in flowering stage. |
| Chickpea | Flowering | <ul style="list-style-type: none"> There is possibility of incidence of pod borer on chickpea crop, for protection install pheromone trap and birds's perches @ 5 -10 nos. per hectare. |
| Mango | Flowering | <ul style="list-style-type: none"> To protect the flower bud of mango from hoppers, thrips and powdery mildew diseases, as per blossom protection schedule for mango crop, take a third spray of Imidacloprid 17.8% SL @ 6 ml per 10 liter of water before the flower opening (15 days after 2nd spray) to avoid the adverse effect on pollinators. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew disease. |
| Brinjal | Fruiting | <ul style="list-style-type: none"> There is possibility of incidence of shoot and fruit borer on Brinjal, if incidence is noticed, collect and destroy all infected shoots and fruits and spray Fenvalerate @10 ml or Deltamethrin 208%EC @ 10 ml per 10 liter of water. |
| Milch Animals | -- | <ul style="list-style-type: none"> Protect the farm animals from low temperature by providing curtains and electric bulbs as per the need. |
| Poultry | -- | <ul style="list-style-type: none"> Protect the 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.