



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 –11/06/2018 to 15/06/2018)**

| | |
|---------------------------------|-----------|
| Rainfall (mm): | 0.0 |
| Total Rainfall (mm): | 0.0 |
| Total Rainfall (mm) (last year) | 2834.2 |
| Maximum temperature (°C) | 32.6-37.0 |
| Minimum temperature (°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 20/06/2018

| PARAMETERS | Day-1 | Day-2 | Day-3 | Day - 4 | Day - 5 |
|----------------------------|-------|-------|-------|---------|---------|
| | 16/06 | 17/06 | 18/06 | 19/06 | 20/06 |
| Rainfall (mm) | 7 | 16 | 73 | 10 | 8 |
| Maximum temperature (°C) | 37 | 36 | 36 | 37 | 36 |
| Minimum temperature (°C) | 28 | 28 | 28 | 28 | 29 |
| Total cloud cover (Octa) | 6 | 5 | 3 | 3 | 3 |
| Relative Humidity Max. (%) | 90 | 91 | 92 | 92 | 92 |
| Relative Humidity Min. (%) | 62 | 64 | 66 | 67 | 62 |
| Wind Speed (Km/hr) | 008 | 008 | 006 | 005 | 005 |
| Wind Direction | 188 | 180 | 156 | 142 | 166 |

: Agro-met Advisory:

It is possibility rainfall of 16th to 20th June, 2018. Sky will cloudy from 16th to 20th June, 2018. Wind velocity range from 5 to 8 kmph from 16th to 20th June, 2018.

| Crop | Crop Stage | Agromet Advisory |
|---|--------------------------|--|
| Rice | Field preparation | <ul style="list-style-type: none"> If rice crop nursery is experiencing water stress irrigate the rice nursery from extends source of water. For controlling the crabs from rice field, cook rice from 1 kg of raw rice and add insecticide Acephate 75 WP @ 75 gm or Carbaryl 50 WP @ 100 gm and make 100 arecanut size balls and keep them in each crab burrow and close it with wet mud. On the next day if some of the burrows are found open, again use the same procedure. |
| Sapota | Fruiting Stage | <ul style="list-style-type: none"> For new plantation of sapota dig the pits of 1 x 1 x 1 m size at the distance of 10 x 10 m, re-filled the pits with mixture of soil, 20 to 30 kg of FYM or Compost and 2 kg single super phosphate and 100 g follidol powder or 50 g chloropyriphos granules to prevent attack of white ants. |
| 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. For control of 'koleroga' disease select feeding root of arecanut plant then take slant cut to the tip of the root. Prepare 0.3 % solution of Foseryl – Al by mixing 3 gm. per liter. Fill the two plastics bags with 100 ml. above prepare solution and dip the above selected roots in to the plastics bag ensuring the cut portion will always remain in the solution. Tie the bag to the roots. For new plantations of Coconut and Arecanut, clean the area. For coconut dig the pits of 1 x 1 x 1 m. size at the distance of 7.5 x 7.5 m for cashew and arecanut pits of 0.6 x 0.6 x 0.6 m. size at the distance of 2.7 x 2.7 m re-filled the pits with mixture of soil, 20 to 30 kg of FYM or Compost and 2 kg single super phosphate. |
| Vegetable and Fruit crop nursery | -- | <ul style="list-style-type: none"> Start sowing of cucurbitaceous crops with spacing of 1.5 m x 90 cm, at the time of sowing applies 2 kg FYM or compost alongwith 50 to 60 g mix fertilizer (Suphala). Start sowing of okra in ridges and furrow having spacing of 60 x 45 cm. Store sufficient quantity of F.Y.M. and loam soil required for polythene bag filling during rainy season for raising the seedling or grafts. |
| Goats/ Milch animals/ Poultry | -- | <ul style="list-style-type: none"> Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal. 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. |
| 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. |