



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 –28/11/2018 to 04/12/2018) | | | | | | | Weather Parameters | Weather forecast until 08.30 hrs of 09/12/2018 | | | | |
|---|-------|-------|-------|-------|-------|--|----------------------------|---|-------|-------|-------|-------|
| 28/11 | 29/11 | 30/11 | 01/12 | 02/12 | 03/12 | 04/12 | | 05/12 | 06/12 | 07/12 | 08/12 | 09/12 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | Rainfall (mm) | 0 | 0 | 0 | 0 | 0 |
| 33.2 | 33.2 | 34.2 | 33.8 | 32.2 | 32.6 | - | Maximum temperature (°C) | 34 | 34 | 34 | 35 | 35 |
| 17.4 | 17.4 | 16.4 | 18.0 | 17.2 | - | - | Minimum temperature (°C) | 20 | 20 | 21 | 21 | 22 |
| 0 | 0 | 0 | 2 | 2 | 2 | - | Cloud cover (Octa) | 8 | 1 | 0 | 2 | 1 |
| 87 | 74 | 79 | 71 | 90 | 85 | - | Relative Humidity Max. (%) | 51 | 53 | 52 | 53 | 54 |
| 36 | 28 | 35 | 33 | 35 | - | - | Relative Humidity Min. (%) | 30 | 32 | 32 | 33 | 34 |
| 2.2 | 2.6 | 3.1 | 2.5 | 1.4 | 1.0 | - | Wind speed (Km/hr) | 5 | 4 | 6 | 5 | 4 |
| - | - | - | - | - | - | - | Wind direction | 56 | 49 | 59 | 51 | 50 |
| Rainfall (mm) in last week | | | | | | Rainfall (mm) from 01/01/2018 to till dated | | Total Rainfall (mm) in last year | | | | |
| 0.0 | | | | | | 2359.6 | | 2834.2 | | | | |

Agro-met Advisory
Sky will cloudy on 5th, 6th, 8th and 9th December, 2018.

| Crop | Stage | Agro Advise |
|--------------------------------------|---------------|---|
| Rice | Nursery | <ul style="list-style-type: none"> Complete sowing operation for nursery of summer rice. |
| Groundnut | Nursery | <ul style="list-style-type: none"> For cultivation of groundnut on transparent polythene mulch, prepare raised bed of a top width of 60 cm and 5-7 cm height leaving 30 cm distance on either side of bed. For control of weeds in groundnut apply Butachlor 1.5 kg @ 5 ml per liter of water before sowing on raised bed. After herbicide application, spread transparent polythene sheet on to bed. Hole can be made at a 20cm distance from the centre of mulch. Plant to plant distance maintains is 10cm. dibbling the seeds at 3-4 cm depth. Apply fertilizer of 109 kg urea and 625 kg SSP before sowing into line at 8-10cm deep in soil. If there is availability of drip irrigation system, install system before spreading of polythene mulch. |
| Coconut | Fruiting | <ul style="list-style-type: none"> Due to increase in maximum temperature, provide irrigation to coconut orchard at 6-7 days interval. |
| Sapota | Fruiting | <ul style="list-style-type: none"> For control of seed borer incidence on sapota, collect and destroy all infected fruits and dried leaves. Take a spray of profenophos 50% EC @ 15 ml or Indoxacarb 14.5 SC@ 5 ml or Deltamethrin 2.8 EC @ 10 ml insecticide per 10 liter of water twice at an interval of one month. Harvest all matured fruits before spraying. |
| Flower crops | Transplanting | <ul style="list-style-type: none"> If incidence of leaf webber, leaf roller and bud borer is noticed on mogra crop, collect and destroy all infected leaves and buds and spray neem based insecticide neemazal 5%. If seedlings of marigold crops are ready for transplanting, transplant the seedlings on ridges and furrow with spacing of 45 X 45 cm or 60 X 60 cm. Apply fertilizer dose of 4-6 tonne of FYM/Compost, 43 kg urea, 125 kg SSP and 33 kg of MOP per acre at the time of transplanting. Select healthy seedlings on 15-20 cm height with 5-6 leaves and dip the seedling for 5 minute in Dimethoate solution @ 1.5ml per liter of water and 50 % Carbendazim @ 1 gm per liter of water before transplanting. Provide irrigation immediately after transplanting. |
| Vegetables/ Fruit crop nursery | Vegetative | <ul style="list-style-type: none"> If incidence of aphids, leaf hoppers, red pumpkin beetle, leaf eating caterpillars, leaf miner is noticed on Tomato, Brinjal and Chilli crop, spray malathion 20 ml or Dimethoate 15 ml per 10 liters of water. Provide irrigation to grafts, sapling of fruit crop nursery regularly. |
| Milch Animals/ Goat /Poultry | -- | <ul style="list-style-type: none"> Vaccination against foot and mouth disease in farm animals under supervision of veterinary officers is advocated. |

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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