

**Agromet Advisory Service Bulletin for Thane and Palghar District**  
(Issued jointly by IAAS, Dr. B.S. KonkanKrishiVidyapeeth, & Regional India Meteorological Department, Mumbai)**Dr. Subhash Chavan,**  
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9422065344**Significant past weather for the preceding week**  
(Period –25/06/2018 to 29/06/2018)

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 04/07/2018**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	30/06	01/07	02/07	03/07	04/07
Rainfall (mm)	31	8	8	73	75
Maximum temperature (°C)	28	28	29	28	27
Minimum temperature (°C)	25	24	24	25	25
Total cloud cover (Octa)	4	3	8	7	7
Relative Humidity Max. (%)	95	91	92	95	97
Relative Humidity Min. (%)	76	73	67	73	82
Wind Speed (Km/hr)	007	007	007	006	006
Wind Direction	162	159	163	173	181

**: Agro-met Advisory:**It is possibility rainfall of 30<sup>th</sup> June to 4<sup>th</sup> July, 2018. Sky will cloudy from 30<sup>th</sup> June to 4<sup>th</sup> July, 2018. Wind velocity range from 6 to 7 kmph from 30<sup>th</sup> June to 4<sup>th</sup> July, 2018.

Crop	Crop Stage	Agromet Advisory
<b>Rice</b>	<b>Field preparation</b>	<ul style="list-style-type: none"> <li>Carryout sowing operation.</li> <li>Treat the paddy seed with thiram fungicide @2.5 gm. per kg. of seed.</li> <li>Seed rate for paddy is 50 to 60 kg./ha. For bold varieties, 35 to 40 kg./ha. For fine varieties and 20 kg./ha. For hybrid varieties is recommended.</li> <li>Apply 1 kg. urea and 3 kg. SSP per guntha at the time of sowing.</li> <li>To control the weeds apply oxadiagyl (6 EC) @ 3 ml. per litter of water uniformly on wet nursery beds.</li> </ul>
<b>Sapota</b>	<b>Planting and precaution</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Prune the branches near to the ground level apply bordopaste to pruned portion and spray 1% bordomixture when there is no rain.</li> </ul>
<b>Coconut, Arecanut</b>	--	<ul style="list-style-type: none"> <li>For 5 year old coconut palm apply 30 kg F.Y.M./compost alongwith 750 g urea + 3.000 kg single super phosphate + 2.000 kg muriate of potash.</li> <li>Spraying the FYM pits with 0.2 % Carbaryl for control of adults and grubs of rhinoceros beetle.</li> <li>To control red palm weevil affected coconut, fill the holes made by RPW with 10 per cent Carbaryl dust and sand mixture. 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.</li> <li>For 3 year old arecanut palm apply 1 kg F.Y.M./compost alongwith 12 kg green manures + 160 g urea + 500 g single super phosphate + 125 g muriate of potash.</li> <li>Prepare water channels to drain out excess water from coconut and arecanut garden during rainy season.</li> <li>Apply osety AL 0.3% (30 g/10 lit. water) + Urea Suphala 111 briquettes or Fosety AL 0.3% (30 g/10 lit. water) + Annapurana 76 briquettes per arecanut palm to avoid fungal immature fruit drop in coconut and Koleroga disease (immature nut drop) in arecanut.</li> </ul> <p><b>Note:-</b> Apply fertilizer during when the intensity of rainfall is low.</p>
<b>Vegetable and Fruit crop nursery</b>	--	<ul style="list-style-type: none"> <li>Proper support should be given to cucurbitaceous crops. Apply fist one third dose of urea @ 720 g to 870 gm per R area to vegetable crops.</li> <li>Complete the mango store grafting programme before 10-12<sup>th</sup> July for getting higher grafting success.</li> <li>Prepare water channels to drain out excess water from fruit crop nursery during rainy season.</li> <li>Repair nursery shades.</li> </ul>
<b>Goats/ Milch animals/ Poultry</b>	--	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.</li> <li>Provide 1 to 1.5 kg concentrate + 15 to 20 kg green fodder + 4 to 5 kg roughages per day for milch animals.</li> <li>Young goats provide 3 to 4 kg green fodder + 2 to 2.5 kg dry fodder + 300 g concentrate.,</li> <li>Protect the animals from afternoon heat. Keep good aeration in animal shed.</li> <li>For boiler poultry bird 1<sup>st</sup> three week provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement.</li> </ul>
<b>Suggestion</b>	--	<ul style="list-style-type: none"> <li>Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.</li> </ul>