



## Agromet Advisory Service Bulletin for Thane District

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

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**Significant past weather for the preceding week**  
(Period -02/01/2017 to 06/01/2017)

Rainfall (mm):	
90T84o54t68al Rainfall (mm):	
Total Rainfall (mm) (last year)	
Maximum temperature ( <sup>0</sup> C)	
Minimum temperature ( <sup>0</sup> C)	
Morning RH (%)	
Afternoon RH (%)	
Wind Speed (km/hr):	
Total cloud cover (Octa)	

**Weather forecast until 08.30 hrs of 11/01/2017**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	07/01	08/01	09/01	10/01	11/01
Rainfall (mm)	0	0	0	0	0
Maximum temperature ( <sup>0</sup> C)	27	26	26	26	26
Minimum temperature ( <sup>0</sup> C)	15	16	14	14	13
Total cloud cover (Octa)	0	0	0	1	0
Relative Humidity Max. (%)	69	68	74	71	65
Relative Humidity Min. (%)	48	42	41	40	42
Wind Speed (Km/hr)	005	005	003	006	006
Wind Direction	151	142	119	99	32

**: Agro-met Advisory:**

**Sky will be slightly cloudy on 10<sup>th</sup> January, 2017. Wind velocity range from 3 to 6 kmph on 7<sup>th</sup> to 11<sup>th</sup> January, 2017.**

Crop	Crop Stage	Agromet Advisory
<b>Sapota</b>	Vegetative Stage	<ul style="list-style-type: none"> <li>For management of weeds in mango &amp; cashew orchards cut the weeds with sickle or chopper or grass cutter or Spray Glyphosate @3-4 ml per lit. water.</li> <li><b>Note</b> : Avoid grazing of animal in mango and cashew garden where weedicides is sprayed.</li> </ul>
<b>Coconut, Arecanut</b>	Vegetative Stage	<ul style="list-style-type: none"> <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 + 20 ml water with the help of plastic funnel in the hole and close the hole with the help of cement.</li> <li>Prepare water channels to drain out excess water from coconut and arecanut garden during rainy season.</li> </ul>
<b>Vegetable</b>	Vegetative Stage	<ul style="list-style-type: none"> <li>If incidence of hopper, aphids and thrips is observed in <i>rabi</i> vegetable nursery viz., brinjal, tomato, cabbage, chilli, knol knol etc., spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water.</li> <li>If 5 to 6 weeks completed after sowing of brinjal and chill crops then seedling are ready for transplanting. At the time of transplanting the seedlings may be deep in Dimethoate @ 10 ml/10 lit. of water and transplanted on ridges of main field with spacing of 60 x 60 cm.</li> </ul>
<b>Watermelon Cultivation</b>	--	<ul style="list-style-type: none"> <li>For cultivation of watermelon ploughing and cloud crushing of land and furrow be prepared at 4 m length 90 cm apart the both side of furrow prepared 30 x 30 x30 cm size pit, apply 1 to 1.5 kg FYM + 10 gm Carbaryl (10%) Powder, mix thoroughly with soil, sowing of 3 to 4 seeds at the depth of 2 to 2.5 cm, thinning after 15 days emergence of seedling keep only 2 seedlings per pit. The 50 kg N + 50 kg P<sub>2</sub>O<sub>5</sub> and 50 kg K<sub>2</sub>O per ha was required. The 1/3<sup>rd</sup> dose of N and full dose of P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O be applied at the time of sowing and remaining N be apply 1 and 2 months after sowing at equal quantity.</li> <li>In watermelon crop if symptoms of wilting is observed then drenching of carbandazim @ 1 gm. per lit. of water per vine.</li> <li>Apply straw mulch or polythene mulch for water melon crops.</li> </ul>
<b>Goats/ Milch animals</b>	--	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.</li> <li>Planting of binneal forage crops like Paragrass, Napier, Gajraj etc is advocated.</li> <li>Protect the animals/poultry birds from low temperature by providing curtains and electric bulbs as per the need.</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>