



## Agromet Advisory Service Bulletin for Thane District

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

**Dr. Subhash Chavan,**  
Head,  
Department of Agronomy  
9422431067

**Dr. Vijay More,**  
Nodal Officer,  
Department of Agronomy  
9422374001

**Prof. Viresh Chavan,**  
Technical Officer,  
Department of Agronomy  
9422065344

**Significant past weather for the preceding week  
(Period –21/05/2018 to 25/05/2018)**

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 30/05/2018**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	26/05	27/05	28/05	29/05	30/05
Rainfall (mm)	0	0	0	3	3
Maximum temperature (°C)	37	39	39	39	36
Minimum temperature (°C)	28	29	30	30	30
Total cloud cover (Octa)	2	2	1	5	8
Relative Humidity Max. (%)	91	93	91	87	88
Relative Humidity Min. (%)	24	23	20	25	43
Wind Speed (Km/hr)	003	003	003	006	006
Wind Direction	235	211	220	244	216

**: Agro-met Advisory:**

It is possibility rainfall of 29<sup>th</sup> and 30<sup>th</sup> May, 2018. Sky will cloudy from 26<sup>th</sup> to 30<sup>th</sup> May, 2018. Wind velocity range from 3 to 6 kmph from 26<sup>th</sup> to 30<sup>th</sup> May, 2018.

Crop	Crop Stage	Agromet Advisory
Rice	Field preparation	<ul style="list-style-type: none"> <li>For preparation of rice nursery plough the area &amp; bring the soil to fine tilth and mixed 1 kg. FYM per sq.mt. area. Prepare raised bed of 120 cm. breadth at bottom and 90 cm. on top along the slope of plant. Convenient length of raised bed should be kept according to the slope of land. Apply 1 kg. urea and 3 kg. SSP per guntha at the time of sowing.</li> </ul>
Sapota	Fruiting Stage	<ul style="list-style-type: none"> <li>If unmaturing fruit drops of sapota are observed spray combined fungicides of (Metalxyl-M 8% + Mancozeb 64%) @ 0.2% i.e. 20 g per 10 lit. of water on whole plant canopy.</li> <li>Some parts in the district the sapota fruits are mature size stage, harvest the mature fruits before 10 hours in the morning and after 16 hours in the evening with the help on Atul Sapota harvester.</li> <li>Due to increasing temperature and humidity variation, irrigate the sapota orchard as per the water availability is suggested.</li> </ul>
Coconut, Arecanut	--	<ul style="list-style-type: none"> <li>As there is increase in average temperature, irrigation should be given to coconut orchard at 5-6 days interval and for arecanut orchard at 4-5 days interval.</li> <li>For control of adults and grubs of rhinoceros beetle, dust 2 % Methyl parathion powder after every 2 month interval in FYM pits.</li> <li>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% Chlorpyrifos with the help of plastic funnel in the hole and close the hole with the help of cement.</li> <li>Clean the arecanut plant by removing dry leaves and other material and spray 1 % bordomixture to control 'koleroga' disease.</li> <li>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.</li> <li>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.</li> </ul>
Vegetable crop	Fruiting Stage	<ul style="list-style-type: none"> <li>If incidence of hopper, aphids and thrips on vegetable crops viz., brinjal, tomato, cabbage, chilli, knol knol etc., is noticed spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water.</li> <li>Cucurbitaceous vegetables are in fruit bearing stage, install of Rakshak fruit fly traps developed by University @ 4 traps per ha area is advocated to control fruit fly in vegetables garden.</li> </ul>
Goats/ Milch animals/ Poultry	--	<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>
Suggestion	--	<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>