



**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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Date: 08/03/2019

Duration – 5 days

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

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

**Dr. Shital Yadav,**  
Technical Officer,  
Department of Agronomy  
8379901160

Significant past weather for the preceding week (Period –02/03/2019 to 08/03/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 13/03/2019				
02/03	03/03	04/03	05/03	06/03	07/03	08/03		09/03	10/03	11/03	12/03	13/03
0.0	0.0	0.0	-	-	-	-	Rainfall (mm)	0	0	0	0	0
30.4	30.8	31.0	-	-	-	-	Maximum temperature (°C)	34	34	35	35	36
15.6	18.4	19.0	-	-	-	-	Minimum temperature (°C)	21	22	21	20	22
0	0	0	-	-	-	-	Cloud cover (Octa)	0	0	0	0	1
62	90	86	-	-	-	-	Relative Humidity Max. (%)	48	46	61	62	52
50	48	58	-	-	-	-	Relative Humidity Min. (%)	24	23	22	29	22
2.8	3.0	3.0	-	-	-	-	Wind speed (Km/hr)	4	6	4	5	6
ESE	Calm	SW	-	-	-	-	Wind direction	116	147	199	197	235
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated			Total Rainfall (mm) in last year		
0.0							0.0			2359.6		

**Agro-met Advisory**

**There will be increase in maximum and minimum temperature from 09<sup>th</sup> to 13<sup>th</sup> March, 2019.**

Crop	Stage	Agro Advise
Summer rice	Tillering	<ul style="list-style-type: none"> <li>Maintain optimum water level of 5-10 cm in rice field.</li> </ul>
Groundnut	Pegging	<ul style="list-style-type: none"> <li>There is possibility for incidences of leaf miner in groundnut, if incidence is notice spray Quinalphos 25%EC @ 20 ml. or Lambda cyhaothrin 5%EC @ 6 ml per 10 liter of water.</li> </ul>
Mango	Flowering and Fruiting	<ul style="list-style-type: none"> <li>Due to variation in temperature there is possibility of fruit drop of mango hence, provide irrigation for alphonso mango @ 150 to 200 lit. of water at fortnight interval for 3 to 4 times to reduce fruit drop and increase the size of fruits. Also use straw mulch to reduce evaporation.</li> <li>For increasing the production and quality of fruits of mango, spray 1 % Potassium nitrate at pea stage, marble stage and arecanut size fruit stage.</li> <li>Provide irrigation to newly planted mango orchard and new growth below graft union should be removed regularly.</li> </ul>
Coconut	-	<ul style="list-style-type: none"> <li>Due to increase in maximum temperature, provide irrigation to coconut orchard at 5 to 6 days interval.</li> <li>Provide support and shade to newly planted coconut orchard.</li> </ul>
Sapota	Fruiting	<ul style="list-style-type: none"> <li>Due to increase in maximum temperature, provide irrigation to sapota orchard at 5 to 6 days interval also use straw mulch to reduce evaporation.</li> <li>There is possibility for incidence of budworm in sapota, if incidence is notice spray any one of the insecticide viz., Emamectin benzoate 5% SG @ 4.5 gm or Deltamehtrin 2.8%EC @ 10 ml or Lambda cyhalothrin 5%EC @ 10 ml or Profenophos 40%EC @ 10 ml per 10 liter of water, three spray at an interval of one month i.e. in month of March, April and May. Install blue light trap for monitoring insect.</li> </ul>
Banana	-	<ul style="list-style-type: none"> <li>Due to increase in maximum temperature, provide irrigation to banana orchard twice in week and use straw mulch to reduce evaporation.</li> </ul>
Flower crop	Harvesting	<ul style="list-style-type: none"> <li>Harvesting of mature marigold flowers should be carry out at evening hours and keep at cool place.</li> <li>Harvest the aster flowers which are ready for harvesting. For loose flower individual flowers to be harvest at early morning and for cut purpose, flowers along with whole plant to be harvested at evening hours.</li> </ul>
Vegetables/ Fruit crop nursery	Fruiting	<ul style="list-style-type: none"> <li>If the incidence of aphids, leaf hoppers, leaf eating caterpillars, leaf miner is noticed on tomato, brinjal, chilli etc. vegetable crops, spray malathion 20 ml or Dimethoate 15 ml per 10 liters of water at 10 to 15 days interval.</li> <li>Provide irrigation to fruit crop nursery, vegetable crops.</li> </ul>
Milch animal /goat/poultry	-	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water to farm animals.</li> <li>The temperatures during day are increasing hence protect poultry birds from heat.</li> </ul>
<p align="center">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. For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.</p>		