



**Agromet Advisory Service Bulletin for Thane and Palghar District**  
(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth,  
& Regional India Meteorological Department, Mumbai)  
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Duration – 5 days

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Significant past weather for the preceding week (Period –06/03/2019 to 12/03/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 17/03/2019				
06/03	07/03	08/03	09/03	10/03	11/03	12/03		13/03	14/03	15/03	16/03	17/03
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	0	0	0	0	0
29.0	29.0	30.0	32.0	32.0	32.0	-	Maximum temperature (°C)	31	29	30	33	32
16.5	18.4	18.2	18.6	18.0	18.6	-	Minimum temperature (°C)	20	20	21	21	22
0	0	0	0	0	0	-	Cloud cover (Octa)	0	0	0	0	0
92	91	77	75	70	81	-	Relative Humidity Max. (%)	59	55	35	32	41
57	53	37	42	42	45	-	Relative Humidity Min. (%)	32	30	25	19	23
3.2	3.0	3.6	4.0	4.0	3.2	-	Wind speed (Km/hr)	7	7	10	5	4
Calm	Calm	Calm	S	Calm	SSW	-	Wind direction	218	99	60	174	142
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 13<sup>th</sup> to 17<sup>th</sup> March, 2019. It is wind velocity range from 4 to 10 km/h from 13<sup>th</sup> to 17<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	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>The pre harvest bagging with News paper bag at marble stage increases the fruit weight, pulp weight, produce spongy tissue free fruit, controls incidence of mealy bug on fruits and produces spotless fruits of mango.</li> <li>Provide support to newly planted mango graft, as there is forecast of high wind velocity.</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> <li>For control of adults and grubs of rhinoceros beetle spray the FYM pits with Chlorpyrifos 20 ml in 10 lit of water at two months interval.</li> </ul>
Sapota	Flowering and 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> <li>Provide support to newly planted banana orchard, as there is forecast of high wind velocity.</li> </ul>
Flower crop	Harvesting	<ul style="list-style-type: none"> <li>Carry out harvesting of the fully develop mogra flower during morning hours.</li> </ul>
Vegetables/ Fruit crop nursery	Fruiting	<ul style="list-style-type: none"> <li>Provide irrigation to summer okra vegetable crops.</li> <li>Carry out harvesting of brinjal and green chilli when fruit at tender stage.</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>

**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.**