



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 –09/03/2019 to 15/03/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 20/03/2019				
09/03	10/03	11/03	12/03	13/03	14/03	15/03		16/03	17/03	18/03	19/03	20/03
0.0	0.0	0.0	-	-	-	-	Rainfall (mm)	0	0	0	0	0
32.0	32.0	32.0	-	-	-	-	Maximum temperature (°C)	29	31	31	33	32
18.6	18.0	18.6	-	-	-	-	Minimum temperature (°C)	22	23	23	23	21
0	0	0	-	-	-	-	Cloud cover (Octa)	0	0	0	0	1
75	70	81	-	-	-	-	Relative Humidity Max. (%)	34	38	39	42	63
42	42	45	-	-	-	-	Relative Humidity Min. (%)	16	17	17	15	20
4.0	4.0	3.2	-	-	-	-	Wind speed (Km/hr)	7	4	7	3	4
S	Calm	SSW	-	-	-	-	Wind direction	204	176	64	155	153
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 decrease in relative humidity from 16th to 20th March, 2019.

Crop	Stage	Agro Advise
Summer rice	Panicle initiation	<ul style="list-style-type: none"> rice crop is in panicle initiation stage hence maintain optimum water level of 5 to 10 cm. in the field.
Mango	Fruiting	<ul style="list-style-type: none"> There is possibility of incidence of powdery mildew on Mango, therefore it is advised to spray Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liters of water. 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. The pre harvest bagging with butter paper or news paper bag at marble stage increases the fruit weight, pulp weight, produce spongy tissue free fruit, controls attack of fruit fly on fruits and produces spotless fruits of mango.
Coconut	-	<ul style="list-style-type: none"> Due to increase in maximum temperature, provide irrigation to coconut orchard at 5 to 6 days interval.
Sapota	Flowering and Fruiting	<ul style="list-style-type: none"> Due to increase in maximum temperature, provide irrigation to sapota orchard at 5 to 6 days interval also use straw mulch to reduce evaporation.
Banana	-	<ul style="list-style-type: none"> Due to increase in maximum temperature, provide irrigation to banana orchard twice in week and use straw mulch to reduce evaporation.
Vegetables/ Fruit crop nursery	Fruiting	<ul style="list-style-type: none"> If incidence of shoot and fruit borer is noticed on brinjal, collect and destroy all infected shoots and fruit and spray Fenvalerate 10 ml per 10 liters of water. Provide irrigation to summer okra vegetable crops. Carry out harvesting of brinjal and green chilli when fruit are at tender stage. Provide irrigation to fruit crop nursery, vegetable crops.
Milch animal /goat/poultry	-	<ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals. The temperatures during day are increasing hence protect poultry birds from heat. Provide 1 to 1.5 kg concentrate + 15 to 20 kg green fodder + 4 to 5 kg roughages per day for milch animals. Young goats provide 3 to 4 kg green fodder + 2 to 2.5 kg dry fodder + 300 g concentrate.

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.