



**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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No. 23/2019

Date: 19/03/2019

Duration – 5 days

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Significant past weather for the preceding week (Period –13/03/2019 to 19/03/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 24/03/2019				
13/03	14/03	15/03	16/03	17/03	18/03	19/03		20/03	21/03	22/03	23/03	24/03
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
30.0	30.2	31.6	32.2	31.6	31.0	35.6	Maximum temperature (°C)	32	31	31	31	34
17.6	18.2	19.2	14.4	17.8	18.0	16.4	Minimum temperature (°C)	19	19	18	18	19
0	0	0	0	0	0	0	Cloud cover (Octa)	1	0	0	0	0
76	69	70	51	83	66	73	Relative Humidity Max. (%)	44	58	45	42	31
38	40	41	39	44	30	-	Relative Humidity Min. (%)	21	27	25	25	21
3.4	3.7	4.9	5.8	2.6	3.0	3.7	Wind speed (Km/hr)	5	5	5	6	7
Calm	SSW	SSW	WNW	Calm	SSE	Calm	Wind direction	249	239	248	102	26
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 wind velocity from 20<sup>th</sup> to 24<sup>th</sup> March, 2019.**

Crop	Stage	Agro Advise
Summer rice	Panicle initiation	<ul style="list-style-type: none"> <li>Rice crop is in panicle initiation stage hence maintain optimum water level of 5 to 10 cm. in the field.</li> </ul>
Groundnut	Pod development	<ul style="list-style-type: none"> <li>There is possibility for incidence of leaf spot (Tikka) in groundnut, if incidence is notice, take a three spray of 1% bormixture or 0.2% Mancozeb or 0.1% Carbendazim fungicide at an interval of 10 days.</li> <li>Irrigate the groundnut crop at an interval of 8-10 days.</li> </ul>
Mango	Fruiting	<ul style="list-style-type: none"> <li>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.</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>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>Provide support to newly planted mango graft, as there is forecast of high wind velocity.</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	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> </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 banana tree which is in flowering stage.</li> <li>If incidence of bunchy top disease is noticed on banana, remove and destroy infected plant. Since the aphid act as vector for bunchy top disease, if incidence of aphid is notice in banana orchard spray 0.05 % dimethoate insecticide 3 times at 15 days interval.</li> <li>Provide support to newly planted banana orchard, as there is forecast of high wind velocity.</li> </ul>
Vegetables/ Fruit crop nursery	Fruiting	<ul style="list-style-type: none"> <li>For control of incidence of thrips in summer okra, apply phorate 10G @ 10 kg ha<sup>-1</sup> by mixing into the soil around plant. Destroy all infected shoots and leaves. Install yellow sticky traps in to field.</li> <li>If the incidence of white flies, aphids, hoppers are 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 and poultry birds.</li> <li>The temperatures during day are increasing hence protect animals and poultry birds from heat.</li> <li>Vaccination against Ranikhet disease in poultry birds under the supervision of veterinary officer is advocated.</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.**