



Agromet Advisory Service Bulletin for Thane District
(Issued jointly by GKMS, 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 –19/02/2020 to 25/02/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 01/03/2020				
19/02	20/02	21/02	22/02	23/02	24/02	25/02		26/02	27/02	28/02	29/02	01/03
0	0	0	-	0	0	-	Rainfall (mm)	0	0	0	0	3
38.7	37.8	37.9	-	38.4	38	-	Maximum temperature (°C)	36	36	35	35	35
22.4	21.3	20.8	-	22	21.7	-	Minimum temperature (°C)	23	24	23	23	22
-	-	-	-	-	-	-	Cloud cover (Octa)	0	0	0	2	1
81	89	92	-	76	77	-	Relative Humidity Max. (%)	34	33	34	38	55
42	41	41	-	35	52	-	Relative Humidity Min. (%)	16	17	16	19	25
2	3	2	-	2	2	-	Wind speed (Km/hr)	9	10	3	4	3
ENE	ESE	NNE	-	ENE	ENE	-	Wind direction	ENE	ENE	E	WSW	E

Agro-met Advisory

There is possibility of increase in maximum and minimum temperature and sky remain mainly clear from 26th February to 1st March, 2020.

Crop	Stage	Agro Advise
Summer rice	Tillering	<ul style="list-style-type: none"> Maintain optimum water level of 5 cm in rice field.
Lablab bean	Harvesting	<ul style="list-style-type: none"> Harvest mature lablab bean pod and dry it for 4 to 5 days in sunlight and then follow threshing or harvest the pods along with plant and dry for 3 to 4 days in sunlight. After drying follow threshing of pods. Stored dried grain in proper manner.
Mango	Fruiting	<ul style="list-style-type: none"> To protect the pea size fruits of mango from hoppers, thrips and powdery mildew disease, as per blossom protection schedule for mango crop, take a fourth spray of Thiomethoxam 25%WG @ 1 gm per 10 liter of water (15 days after 3rd spray) Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew. There is forecast for decrease in humidity and increase in temperature in during next five days, hence to minimize the pre-mature fruit drop of mango, apply 150 to 200 liter of water per tree after fruit setting at 15 days interval for 3 to 4 times also use straw mulch to reduce evaporation losses. To improve production and quality of mango fruits, spray 1 % Potassium nitrate at pea, marble and egg fruit stages.
Coconut	--	<ul style="list-style-type: none"> Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to coconut orchard also use straw mulch to reduce evaporation losses. There is forecast for increase in temperature, hence provide shed to the newly planted coconut orchard to protect from sun scorching.
Arecanut	-	<ul style="list-style-type: none"> Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to arecanut orchard.
Banana	-	<ul style="list-style-type: none"> Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to banana orchard and use straw mulch to reduce evaporation.
Okra	Flowering	<ul style="list-style-type: none"> There is possibility of incidence of aphids on okra crop which develop into growth of black fungus on leaves and inflorescence. If incidence is noticed, collect and destroy all infected shoots and leaves, spray Dimethoate 30%EC@10 ml per 10 liter of water. Also use yellow sticky cards in field to attract sucking pest.
Water melon	Flowering	<ul style="list-style-type: none"> Install cue lure 'Rakshak' trap @ 4nos. per hectare at the time of initiation of flowering in watermelon crop for effective control of fruit fly. Collect and destroy all infected fruits.
<p>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>		