



**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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Date: 13/03/2020

Duration – 5 days

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Significant past weather for the preceding week (Period –07/03/2020 to 13/03/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 18/03/2020				
07/03	08/03	09/03	10/03	11/03	12/03	13/03		14/03	15/03	16/03	17/03	18/03
-	-	-	-	-	-	-	Rainfall (mm)	0	0	0	0	0
-	-	-	-	-	-	-	Maximum temperature (°C)	32	33	34	34	33
-	-	-	-	-	-	-	Minimum temperature (°C)	19	20	21	22	22
-	-	-	-	-	-	-	Cloud cover (Octa)	0	0	3	0	1
-	-	-	-	-	-	-	Relative Humidity Max. (%)	69	67	66	66	67
-	-	-	-	-	-	-	Relative Humidity Min. (%)	57	56	55	54	54
-	-	-	-	-	-	-	Wind speed (Km/hr)	8	8	6	3	4
-	-	-	-	-	-	-	Wind direction	ESE	ENE	ESE	ESE	S

**Agro-met Advisory**

Sky remain clear from 14<sup>th</sup> to 18<sup>th</sup> March, 2020.

Crop	Stage	Agro Advise
Lablab bean, Cowpea	Pod development stage	<ul style="list-style-type: none"> <li>There is possibility of incidence of sucking pest on lablab bean and cowpea etc. pulse crops., If incidence is noticed, spray Dimethoate 30%EC@12 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water.</li> </ul>
Mango	Fruiting	<ul style="list-style-type: none"> <li>To protect the mango fruits 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 3<sup>rd</sup> spray) Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew.</li> <li>To minimize the pre-mature fruit drop of mango, apply 150 to 200 liter of water per tree after fruit setting (pea size) at 15 days interval for 3 to 4 times also use straw mulch to reduce evaporation losses.</li> <li>To improve production and quality of mango fruits, spray 1% Potassium nitrate at pea, marble and egg fruit stages.</li> <li>The pre-harvest bagging with newspaper bag of size 25 X 20 cm at marble to egg stage as per recommendation of D.B.S.K.K.V. helps to reduce the fruit drop, increases the fruit weight, pulp weight, produce spongy tissue free fruit, controls attack of fruit fly on fruits and produces spotless fruits of mango.</li> <li>Spraying of 55% cow urine at pea size fruits of mango 3 to 6 sprays at weekly interval as per availability is suggested for increasing yield.</li> </ul>
Sapota	Flowering to fruiting	<ul style="list-style-type: none"> <li>Provide irrigation to sapota orchard at 5-6 days interval. also use straw mulch to reduce evaporation losses.</li> <li>There is possibility for incidence of budworm on sapota, if incidence is noticed 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. Install blue light trap in orchard for monitoring insect.</li> </ul>
Water melon	Flowering to fruiting	<ul style="list-style-type: none"> <li>Provide irrigation to water melon crops at 3-4 days interval regularly as to protect fruits from cracking.</li> <li>Cover the water melon fruits with paddy straw or grasses to protect fruits from sunlight.</li> <li>Install cue lure 'Rakshak' trap @ 4 nos. per hectare at the time of initiation of in watermelon crop for effective control of fruit fly. Collect and destroy all infected fruits.</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.**