



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: 09/03/2020

Duration – 5 days

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Significant past weather for the preceding week (Period –03/03/2020 to 09/03/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 14/03/2020				
03/03	04/03	05/03	06/03	07/03	08/03	09/03		10/03	11/03	12/03	13/03	14/03
-	-	-	-	-	-	-	Rainfall (mm)	0	0	0	0	0
-	-	-	-	-	-	-	Maximum temperature (°C)	33	32	31	31	31
-	-	-	-	-	-	-	Minimum temperature (°C)	20	19	19	19	19
-	-	-	-	-	-	-	Cloud cover (Octa)	0	1	0	1	4
-	-	-	-	-	-	-	Relative Humidity Max. (%)	77	77	77	79	65
-	-	-	-	-	-	-	Relative Humidity Min. (%)	34	45	35	38	30
-	-	-	-	-	-	-	Wind speed (Km/hr)	6	8	4	5	8
-	-	-	-	-	-	-	Wind direction	WSW	WNW	S	S	ENE

Agro-met Advisory

Sky remain clear from 10th to 14th March, 2020.

Crop	Stage	Agro Advise
Summer rice	Panicle initiation	<ul style="list-style-type: none"> Maintain optimum water level of 5 cm in rice field where crop is in panicle initiation stage.
Mango	Fruiting	<ul style="list-style-type: none"> 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. To improve production and quality of mango fruits, spray 1% Potassium nitrate at pea, marble and egg fruit stages. 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. 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.
Coconut	--	<ul style="list-style-type: none"> There is possibility of incidence of black headed caterpillar in coconut orchard in coastal areas. The caterpillar feeds on leaves results into dried up patches on leaf. For control of black headed cater pillar, collect and destroy all infected leaves and spray dimethoate 30%EC @16 ml per 10 liter of water or release larval parasitoids <i>Goniozus nephantidis</i> adult @ 3500 nos per hectare. Provide irrigation to coconut orchard at 5-6 days interval also use straw mulch to reduce evaporation losses.
Brinjal, Tomato, Chilli	Flowering to fruiting	<ul style="list-style-type: none"> Provide irrigation to vegetable crops at 6-7 days interval. Also earthing up of soil to give support to plant.
Water melon	Flowering to fruiting	<ul style="list-style-type: none"> Provide irrigation to water melon crops at 3-4 days interval regularly as to protect fruits from cracking. Cover the water melon fruits with paddy straw or grasses to protect fruits from sunlight.
<p align="center">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>		