



Agromet Advisory Service Bulletin for Thane District
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
(02358) 282387



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Duration – 5 days

Dr. Prashant Bodake,
Head,
Department of Agronomy
9420413255

Dr. Vijay More,
Nodal Officer,
Department of Agronomy
9422374001

Dr. Shital Yadav,
Technical Officer,
Department of Agronomy
8379901160

Significant past weather for the preceding week (Period –07/12/2019 to 13/12/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 18/12/2019				
07/12	08/12	09/12	10/12	11/12	12/12	13/12		14/12	15/12	16/12	17/12	18/12
0	0	0	0	0	0	-	Rainfall (mm)	0	0	0	0	0
34.7	34.9	36.2	36.3	35.0	32.9	-	Maximum temperature (°C)	31	32	31	31	31
22.4	22.3	22.6	22.8	22.7	21.2	-	Minimum temperature (°C)	20	21	20	21	21
-	-	-	-	-	-	-	Cloud cover (Octa)	5	3	1	1	1
80	81	88	100	100	97	-	Relative Humidity Max. (%)	72	63	60	69	71
64	66	73	75	77	73	-	Relative Humidity Min. (%)	44	38	39	40	40
2	3	2	3	2	1	-	Wind speed (Km/hr)	7	8	7	9	11
E	NNE	NNE	EN	NNE	SE	-	Wind direction	NE	NE	NE	ENE	E

Agro-met Advisory

Sky will be partly cloudy on 14th and 15th December 2019.

Extended range rainfall forecast for Konkan division for the period from 13th to 19th December, 2019 is below normal. According to NDVI, Agriculture vigour is good and according to SPI, mildly wet condition experienced in Thane district.

Crop	Stage	Agro Advise
Mango	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of hoppers and anthracnose disease on vegetative flush of mango. For protection of vegetative flush from hoppers and diseases, spray deltamethrin 2.8%EC @ 10 ml + fungicide combination (carbendazim 12% + mancozeb 63%) @ 10 gm per 10 liter in water.
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 caterpillar, collect and destroy all infected leaves and spray dimethoate 30%EC @16 ml per 10 liter of water or release larval parasitoids Goniozus nephantidis adult @ 3500 nos per hectare.
Sapota	Fruiting	<ul style="list-style-type: none"> There is possibility of incidence of seed borer in sapota, for control of seed borer, collect and destroy all infected fruits and dried leaves. take a spray of profenophos 50% EC @ 15 ml or Indoxacarb 14.5 SC@ 5 ml or Deltamethrin 2.8 EC @ 10 ml insecticide per 10 liter of water.
Chilli	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of hoppers, white flies and aphids in chilli crop. If incidence is noticed, spray dimethoate 30%EC @10 ml per 10 liter of water. Also use yellow sticky cards in field to attract the sucking pests.
Jasmine (Mogra)	Flowering	<ul style="list-style-type: none"> Apply second dose of 5-10 kg FYM, 65 g urea, 375 g SSP and 100 g of MOP per plant of jasmine. There is possibility of incidence of bud worm, leaf webber, mites and blossom midge on mogra crop. If incidence is noticed, collect and destroy all infected leaves and flower bud and spray 5% neem seed kernel extract on the plant.

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.