



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 –14/12/2019 to 20/12/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 25/12/2019				
14/12	15/12	16/12	17/12	18/12	19/12	20/12		21/12	22/12	23/12	24/12	25/12
0	0	0	0	0	0	-	Rainfall (mm)	0	0	12	7	0
34.1	35.4	34.4	34.1	35.7	35.9	-	Maximum temperature (°C)	30	30	31	31	31
19.4	19.7	20.7	21.6	22	21.1	-	Minimum temperature (°C)	20	20	21	21	21
-	-	-	-	-	-	-	Cloud cover (Octa)	7	4	4	4	4
100	86	98	95	96	95	-	Relative Humidity Max. (%)	66	63	72	76	77
73	79	78	64	73	61	-	Relative Humidity Min. (%)	37	37	41	49	51
3	3	2	4	2	3	-	Wind speed (Km/hr)	5	5	4	2	5
ENE	NE	NE	NE	NE	N	-	Wind direction	NE	NE	NE	ENE	E

Agro-met Advisory

There is possibility of rainfall on 23rd and 24th December, 2019 Sky will be cloudy from 21st to 25th December 2019.

Extended range rainfall forecast for Konkan division for the period from 20th to 26th December, 2019 is above normal.

According to NDVI, Agriculture vigour is good and according to SPI, mildly wet condition experienced in Thane district.

Crop	Stage	Agro Advise
Lablab bean	Vegetative	• If incidence of aphids is noticed on lablab bean, spray Dimethoate 30%EC@12 ml per 10 liter of water.
Mango	Vegetative	• 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.
Cashewnut	Flowering	• There is possibility of incidence of tea mosquito bugs on the inflorescence of cashewnut, to protect the cashew inflorescence, spray Profenophos 50% EC @ 10 ml per 10 liter of water.
Coconut	-	• 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 <i>Goniozus nephantidis</i> adult @ 3500 nos per hectare.
Banana	Vegetative	• 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 at 15 days interval.
Tomato	Vegetative	• Provide support to tomato crop. • Apply second split dose of 43kg urea per acre to tomato crop at one month after transplanting.
Brinjal	Vegetative	• Apply second split dose of 43kg urea per acre to brinjal crop at one month after transplanting.
Marigold	Vegetative	• For control of weeds in marigold flower crop, do weeding operation after 15-20 days of transplanting also earthing up of soil to give support to plant.
Aster	Vegetative	• For control of weeds in aster flower crop, do weeding operation after 15-20 days of transplanting also earthing up of soil to give support to plant.
Milch Animals/ Goat /Poultry	--	• Provide clean and hygienic drinking water to farm animals. • Protect the animals /poultry birds from low temperature by providing curtains and electric bulbs as per the need.

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.