



AGROMET ADVISORY SERVICE BULLETIN FOR THANE DISTRICT

(Issued jointly by GKMS, Dr. B.S. Konkani Krishi Vidyapeeth,
& India Meteorological Department)



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Duration – 5 days

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Significant past weather for the preceding week (Period –13/03/2021 to 19/03/2021)							Weather Parameters	Weather forecast until 08.30 hrs of 24/03/2021				
(Source: Agromet observatory, T.B.I.A., Thane)								(Source: Regional Meteorological Centre, Mumbai)				
13/03	14/03	15/03	16/03	17/03	18/03	19/03		20/03	21/03	22/03	23/03	24/03
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	0	0	0	0	0
35.2	35.4	34.2	36.2	36.0	35.0	-	Max.Temp. (°C)	36	36	38	37	37
19.8	21.6	20.8	21.0	21.0	21.0	-	Min.Temp. (°C)	21	21	22	23	23
0	0	0	0	0	0	-	Cloud cover (Octa)	1	1	2	3	2
62	63	59	55	52	57	-	Max. RH (%)	50	59	50	46	42
44	42	45	34	43	45	-	Min. RH (%)	23	23	22	24	24
3.7	0.0	1.9	0.0	3.7	0.0	-	Wind speed(Km/hr)	5	4	4	7	6
SW	Calm	SW	Calm	SW	Calm	-	Wind direction	WSW	SW	SSE	ESE	E

Weather summary/alert

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai there is possibility of light rainfall at isolated places with increase in temperature on 21st March, 2021 and sky remains partly cloudy over Thane district.
Warning	Thunderstorm along with lightening and rainfall likely to occur on 21st March, 2021 at isolated places over Thane district.

Agromet advisory based on weather forecast

Crop	Stage	Agro advisory
General advisory	-	<ul style="list-style-type: none"> There forecast for thunderstorm along with lighting at isolated places over district on 21st March, 2021, keep farm animals at safe place and away from open water, pond or river.
SMS	-	<ul style="list-style-type: none"> Due to forecast of light rainfall at isolated places on 21st March 2021, hence to protect the mango fruits from rain water and fruit fly incidence, cover the fruits with paper bag.
Mango	Fruiting	<ul style="list-style-type: none"> There is forecast for partly cloudy weather and light rainfall on 21st March 2021, there is possibility of incidence of anthracnose disease on fruits of mango, if rainfall received then undertake the protective spraying for anthracnose disease, spray Carbendazim 12% + Mancozeb 63% @ 10 g per 10 liter of water. Due to forecast of light rainfall at isolated places on 21st March 2021, hence to protect the mango fruits from rain water and fruit fly incidence, cover the fruits with paper bag. Care should be taken that avoid injury to fruit stalk while bagging fruits with paper bag. Due to forecast for increase in temperature with decrease in humidity, to minimize the pre-mature fruit drop of mango, as per availability of water, apply 100 liter /tree at weekly or 150 to 200 liter/ tree at 15 days interval from pea to arecanut fruit size also use straw mulch.
Sapota	Fruiting	<ul style="list-style-type: none"> There is possibility of incidence of seed borer in sapota, for management of seed borer, collect and destroy all infected fruits and dried leaves. If incidence is noticed, 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 during clear weather.
Lablab bean,	Pod	<ul style="list-style-type: none"> Due to forecast of light rainfall at isolated places on 21st March 2021,

cowpea	development	harvest matured lablab bean, cowpea crop and keep for drying at safe and protective place.
Chickpea	Maturity	<ul style="list-style-type: none"> • Due to forecast of light rainfall at isolated places on 21st March 2021, harvest matured chickpea crop and keep for drying at safe and protective place.
Chilli	Fruiting	<ul style="list-style-type: none"> • Due to forecast of light rainfall at isolated places on 21st March 2021, harvest the matured chilli and stored at safe and protective place.
Cucurbitaceous crops	Fruiting	<ul style="list-style-type: none"> • Due to forecast of cloudy weather with rain, there is possibility for incidence of fruit fly in watermelon, cucurbitaceous crop. For effective control of fruit fly, install cue lure 'Rakshak' trap @ 2 nos. per acre.
<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>		