



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 –10/10/2020 to 16/10/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 21/10/2020				
10/10	11/10	12/10	13/10	14/10	15/10	16/10		17/10	18/10	19/10	20/10	21/10
0.0	6.0	0.0	0.0	13.4	-	-	Rainfall (mm)	17	5	17	16	10
34.6	32.8	33.0	34.0	34.0	-	-	Maximum temperature (°C)	32	31	31	31	31
29.0	24.0	24.2	25.2	25.0	-	-	Minimum temperature (°C)	25	26	26	26	26
2	3	3	2	4	-	-	Cloud cover (Octa)	6	8	7	7	8
91	94	90	86	85	-	-	Relative Humidity Max. (%)	90	91	93	92	92
69	90	80	78	85	-	-	Relative Humidity Min. (%)	68	69	70	73	75
0.0	1.9	1.9	0.0	0.0	-	-	Wind speed (Km/hr)	6	6	7	4	4
Calm	S	SW	Calm	Calm	-	-	Wind direction	SE	SSE	S	S	S

Weather summary

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of light to moderate rainfall from 17th to 21st October, 2020 at a few places over Thane district. Also, sky will remain cloudy.
Warning	Thunderstorm along with lightening likely to occur on 16th October,2020 at isolated places in Thane district.
ERFS	As per ERFS products above normal rainfall may occur in Konkan division during 21th to 27th October, 2020.

Crop	Stage	Agromet Advisory based on weather forecast
Kharif rice	Grain filling (late varieties), maturity (early and midlate)	<ul style="list-style-type: none"> • Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, if lodging of rice crop occurred, follow immediate picking of panicles by traditional way and keep panicles in protective shed for drying. As there is possibility of sprouting of soaked panicle. This will help to reduce damage to some extent. • Make arrangement to drain out water from rice field and maintain the optimum water level of 5 cm in late rice varieties field. • There is forecast of light to moderate rainfall, harvest the matured rice varieties during clear weather (no rainfall), keep threshed grains in protective shed for drying after immediate threshing.
Finger millet/ Proso millet	Maturity	<ul style="list-style-type: none"> • Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, if lodging of crop occurred then follow immediate picking of panicles and keep panicles in protective shed for drying. As there is possibility of sprouting of soaked panicle This will help to reduce damage to some extent. • Make arrangement to drain out excess water from finger millet and proso millet field. • Due to forecast of light to moderate rainfall, harvest the matured varieties of finger millet crop during clear weather (no rainfall) by cutting of ear head with sickle and dry in the safe and protective shed. Follow threshing after drying.
Mango	Vegetative	<ul style="list-style-type: none"> • Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October, 2020, make arrangement for drain out excess water from newly planted mango orchard. • Due to cloudy rainy weather, there is possibility for incidence of anthracnose fungal disease on new vegetative flush of mango, to control the disease spray, 1% bordonmixture or Carbendazim 12% + Mancozeb 63% combination fungicide @ 10 gms per 10 liter of water during clear weather (no rainfall).
Coconut	Fruiting	<ul style="list-style-type: none"> • Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, make arrangement for drain out excess water from coconut orchard. • Due to prevailing rainfall condition lead increased in humidity favour development of fungal disease in coconut, to protect the coconut from fungal disease, spray 1% bordonmixture during clear weather (no rainfall).
Sapota	Fruiting	<ul style="list-style-type: none"> • Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, make arrangement for drain out excess water from sapota orchard.
Vegetable nurseries / new fruit crop plantation	Vegetative	<ul style="list-style-type: none"> • Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, make arrangement for drain out excess water from vegetable crops nurseries and newly planted fruit crop orchard.

Poultry	-	<ul style="list-style-type: none"> • For boiler poultry bird upto three-week-old bird, provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement. • Vaccination against Newcastle disease (Ranikhet) to 4-10 days old chicks under supervision of veterinary officers is advocated.
<p>Note : Spray insecticide or fungicide solution and apply fertilizers during clear weather (no rainfall). Mix sticker into spraying solution.</p>		
<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>		