



Agromet Advisory Service Bulletin for Thane District
(Issued jointly by IAAS, 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 –14/09/2019 to 20/09/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 25/09/2019				
14/09	15/09	16/09	17/09	18/09	19/09	20/09		21/09	22/09	23/09	24/09	25/09
77	59	31	82	55	43	-	Rainfall (mm)	8	17	17	4	33
31.4	29.3	30	27.1	33.8	32	-	Maximum temperature (°C)	32	33	32	32	32
25.1	23.8	24.2	25.3	24.5	23.5	-	Minimum temperature (°C)	25	25	25	24	25
-	-	-	-	-	-	-	Cloud cover (Octa)	7	7	6	4	8
-	-	-	-	-	-	-	Relative Humidity Max. (%)	91	90	92	93	93
100	100	93	-	100	100	-	Relative Humidity Min. (%)	74	72	75	71	71
3	1	1	1	2	1	-	Wind speed (Km/hr)	11	11	9	6	3
SSW	SE	E	S	ENE	ENE	-	Wind direction	124	122	152	152	189

Agro-met Advisory

There is possibility of light to moderate rainfall from 21st to 23rd and 25th September, 2019. Sky will be cloudy.

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

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

Crop	Stage	Agro Advise
Kharif rice	Panicle initiation to flowering	<ul style="list-style-type: none"> Maintain the optimum water level of 5-10 cm in the rice crop which is in panicle initiation to flowering stage. Apply 3rd split dose of nitrogen @ 43 kg urea/ha when intensity of rainfall is low to the mid-late varieties rice crop which is in flowering stage. Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of blast disease on rice. If incidence is noticed, spray Tricyclazole 75%WP@ 10 gm per 10 liter of water. Due to intermittent rainfall and cloudy weather condition will cause for incidence of brown plant hopper in lowline area where stagnation of water is observed. hence observe crop regularly for infestation of pest. If incidence of brown plant hopper is observed above threshold level (5-10 hopper/hill), spray Acephate 75%WP @ 2.25 g or Fipronil 5% SC @ 2 ml or Imidacloprid 17.8% SL @ 0.2 ml per liter of water. Make provision for replacing stagnated water with fresh water for every 2-3 days. Precaution should be taken to spray the insecticide on stem of rice plant.
Mango	Vegetative	<ul style="list-style-type: none"> Due to forecast of increase in temperature is congenial for vegetative flush in mango, for protection of vegetative flush of mango from hoppers attack, spray Deltamethrin 2.8%EC @ 9 ml g per 10 liter of water. There is possibility of incidence of shoot borer in newly planted mango orchard, if incidence is noticed collect and destroys infected plant part. Take a spray of Quinalphos 25% EC@ 20 ml or Monocrotophos 36% SL @ 11ml per 10 liter of water.
Vegetables crop nursery	--	<ul style="list-style-type: none"> For sowing of rabi season vegetables, prepare raised bed of 3m length x 1 m breadth x 15cm height. Apply 5 kg FYM, 35gm urea, 100gm single super phosphate and 25gm muriate of potash per sq. m.
Milch animals/Goat	--	<ul style="list-style-type: none"> Preserve the available green fodder by adopting silage method which helps to feed animals during the period when green fodder is not available.

• **Note: spraying should be taken in dry period during day.**

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.