



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 –11/09/2019 to 17/09/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 22/09/2019				
11/09	12/09	13/09	14/09	15/09	16/09	17/09		18/09	19/09	20/09	21/09	22/09
9	0	74	77	59	31	-	Rainfall (mm)	10	20	65	27	43
30.1	29.2	29.3	31.4	29.3	30	-	Maximum temperature (°C)	32	33	35	32	33
24.5	24.8	23.7	25.1	23.8	24.2	-	Minimum temperature (°C)	25	25	25	25	25
-	-	-	-	-	-	-	Cloud cover (Octa)	8	8	8	8	7
-	-	-	-	-	-	-	Relative Humidity Max. (%)	97	96	98	98	96
100	99	-	100	100	93	-	Relative Humidity Min. (%)	79	75	74	86	73
2	4	1	3	1	1	-	Wind speed (Km/hr)	3	3	3	4	4
SSW	SSW	SW	SSW	SSE	ESE	-	Wind direction	181	167	199	185	251

Agro-met Advisory

There is possibility of moderate to heavy rainfall, increase in maximum temperature from 18th to 22nd 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.

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. There is possibility of incidence of stem borer on rice. If incidence is noticed, apply Cartap hydrochloride 4%G @ 21.8 kg/ha in moist soil. Due to forecast of increase in humidity, there is possibility of incidence of bacterial leaf blight disease on rice. Symptoms of the disease are occurrence of water-soaked to yellowish strips on leaf blades and at leaf tips lead to drying of leaves from tip towards mid rib and appearance of bacterial ooze looking like a milky or opaque dew drop on lower side of leaves at early in the morning. If incidence is noticed, spray Streptocyclin 5 g + Copper oxychloride 25 g per 10 liters of water. The next two spray should be taken at an interval of 15 days. (The fungicides are not under label claim).
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.
Coconut	--	<ul style="list-style-type: none"> For control of adults and grubs of rhinoceros beetle spray the FYM pits with Chloripyrifos 20 ml in 10 lit of water. Clean coconut orchard by removing all dried leaves and other dead waste to maintain good sanitation.
Vegetable crops	Fruiting	<ul style="list-style-type: none"> Due to forecast of cloudy weather and increase in humidity, there is possibility of incidence of downy mildew in cucurbitaceous vegetables, if incidence noticed, remove and destroy infected leaves and take a spray of Mancozeb or Zineb 2.5 gm /lit of water at an interval of 10 to 15 days.
Fruit crop nursery	--	<ul style="list-style-type: none"> To prevent the incidence of fungal disease in fruit crop nurseery, drenching of 50 ml of fungicidal solution (0.2% Carbendazim @ 2 gm/lit of water) per plant is advocated.

• **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.
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