



Agromet Advisory Service Bulletin for Thane District
(Issued jointly by GKMS, Dr. B.S. Konkani 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 –27/11/2019 to 03/12/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 08/12/2019				
27/11	28/11	29/11	30/11	01/12	02/12	03/12		04/12	05/12	06/12	07/12	08/12
0	-	-	0	0	0	-	Rainfall (mm)	0	0	0	0	0
36	-	-	36.3	36.8	-	-	Maximum temperature (°C)	33	34	34	33	33
22.3	-	-	23.6	24.4	23.3	-	Minimum temperature (°C)	23	23	22	22	22
-	-	-	-	-	-	-	Cloud cover (Octa)	7	7	7	6	5
94	-	-	96	100	97	-	Relative Humidity Max. (%)	86	86	82	82	82
66	-	-	78	79	-	-	Relative Humidity Min. (%)	70	70	70	68	68
2	-	-	1	1	4	-	Wind speed (Km/hr)	8	8	8	10	8
SE	-	-	NE	E	NE	-	Wind direction	E	E	E	E	E

Agro-met Advisory

There is possibility of increase in temperature and sky will be cloudy from 4th to 8th December 2019.

Extended range rainfall forecast for Konkani division for the period from 6th to 12th December, 2019 is above normal.

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

Crop	Stage	Agro Advise
Mango	Vegetative	<ul style="list-style-type: none"> Due to forecast of cloudy weather, 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.
Coconut	-	<ul style="list-style-type: none"> To control the attack of red palm weevil on coconut, collect and destroy the grubs from whole appear on infected trunk. Apply bordopaste to infected part. Install pheromone trap 2 nos. per hectare in orchard.
Brinjal	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of root knot nematodes may results into yellowing of leaves and stunted growth along with appearance of knots on roots of infected plants. For control of nematodes first collect and destroy all infected plant parts by burning and then apply neem cake 125 gms per plant by mixing into soil at the base of crop. Also grow trap crops viz., maize for control of nematode.
Chilli	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of leaf curl disease in chilli due to thrips, white flies and mites which results into curling of leaves and stunted growth of plant. For control of disease spray dimethoate 30%EC 10 ml + Sulphur or mancozeb 20gms per 10 liter of water at 10-15 days interval. There is possibility of incidence of root knot nematodes may results into yellowing of leaves and stunted growth along with appearance of knots on roots of infected plants. For control of nematodes first collect and destroy all infected plant parts by burning and then apply neem cake 125 gms per plant by mixing into soil at the base of crop. Also grow trap crops viz., maize for control of nematode.
Cabbage	Transplanting	<ul style="list-style-type: none"> If seedlings of cabbage crops are ready for transplanting, transplant the seedlings on ridges and furrow with spacing of 45 X 45 cm or 60 X 60 cm. Apply fertilizer dose of 8 tonne of FYM/Compost, 35 kg urea, 150 kg SSP and 40 kg of MOP per acre at the time of transplanting. Provide irrigation immediately after transplanting.
Aster	Transplanting	<ul style="list-style-type: none"> If seedlings of aster crops are ready for transplanting, transplant the seedlings on ridges and furrow with spacing of 30 X 30 cm or 30 X 60 cm. Incorporate 10 tones/acre of FYM into soil at the time of ploughing. Apply fertilizer dose of 78 kg urea, 250 kg SSP and 66 kg MOP per acre at the time of planting. Provide irrigation immediately after transplanting.

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 Konkani Krishi Vidyapeeth, Dapoli.

For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.