



Agromet Advisory Service Bulletin for Thane District
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
(02358) 282387



No. 99/2019

Date: 10/12/2019

Duration – 5 days

Dr. Prashant Bodake,
Head,
Department of Agronomy
9420413255

Dr. Vijay More,
Nodal Officer,
Department of Agronomy
9422374001

Dr. Shital Yadav,
Technical Officer,
Department of Agronomy
8379901160

Significant past weather for the preceding week (Period -04/12/2019 to 10/12/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 15/12/2019				
04/12	05/12	06/12	07/12	08/12	09/12	10/12		11/12	12/12	13/12	14/12	15/12
-	-	0	0	0	0	-	Rainfall (mm)	0	0	0	0	0
-	-	34.7	34.7	34.9	36.2	-	Maximum temperature (°C)	34	34	33	33	33
-	-	25	22.4	22.3	22.6	-	Minimum temperature (°C)	22	22	21	21	21
-	-	-	-	-	-	-	Cloud cover (Octa)	2	1	2	3	2
-	-	85	80	81	88	-	Relative Humidity Max. (%)	70	64	71	68	60
-	-	59	64	66	73	-	Relative Humidity Min. (%)	43	40	41	39	35
-	-	3	2	3	2	-	Wind speed (Km/hr)	4	3	4	7	7
-	-	E	E	NNE	NNE	-	Wind direction	ENE	ESE	S	NE	ENE

Agro-met Advisory

There is possibility of increase in temperature and sky will be clear from 11th to 15th December 2019.

Extended range rainfall forecast for Konkan division for the period from 13th to 19th December, 2019 is above normal.
According to NDVI, Agriculture vigour is good and according to SPI, mildly wet condition experienced in Thane district.

Crop	Stage	Agro Advise
Chickpea (Bengal Gram)	Sowing	<ul style="list-style-type: none"> For cultivation of chickpea, use seed rate of 60-65 kg/ha for small size 65-70kg/ha for medium size and 100kg/ha for bold size seed varieties. For protection of seedlings from with disease, before sowing treat the seed with Thiram fungicide @2 gm/kg or trichoderma @5 gm/kg of seeds. After that treat the seed with Rhizobium @ 20 gm/ kg of seed and dry them in shed. Carryout sowing by dibbling the seed at 30 X 10 cm spacing. Apply fertilizer dose of 54 kg urea, 313kg SSP and 50 kg of MOP per hectare at the time of sowing
Mango	Vegetative	<ul style="list-style-type: none"> 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"> Due to increase in rate of evaporation, provide irrigation to first four years old coconut orchard at 6 to 7 days interval and for above four years old orchard provide irrigation at 5 to 10 days interval.
Sapota	Fruiting	<ul style="list-style-type: none"> Due to increase in rate of evaporation, provide irrigation to sapota orchard at 7 to 8 days interval. There is possibility of incidence of seed borer in sapota, for control of seed borer, collect and destroy all infected fruits and dried leaves. take a 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.
Brinjal	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of hoppers, white files and aphids in brinjal crop. if incidence is noticed, spray dimethoate 30%EC @10 ml per 10 liter of water. Also use yellow sticky cards in field to attract the sucking pests. Apply second split dose of 43kg urea per acre to brinjal crop at one month after transplanting.
Chilli	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of hoppers, white files and aphids in chilli crop. If incidence is noticed, spray dimethoate 30%EC @10 ml per 10 liter of water. Also use yellow sticky cards in field to attract the sucking pests.
Jasmine (Mogra)	Flowering	<ul style="list-style-type: none"> Apply second dose of 5-10 kg FYM, 65 g urea, 375 g SSP and 100 g of MOP per plant of jasmine. There is possibility of incidence of bud worm, leaf webber, mites and blossom midge on mogra crop. If incidence is notices, collect and destroy all infected leaves and flower bud and spray 5% neem seed kernel extract on the plant.
Milch animal/Goat	-	<ul style="list-style-type: none"> For protection of farm animals from external parasites such as ticks, maintain sanitation in farm shed and for control spray deltamethrin 2 ml/liter of water on to the body of animal under guidance of veterinarian.

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.