



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



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Duration – 5 days

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Significant past weather for the preceding week (Period –16/01/2019 to 22/01/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 27/01/2019				
16/01	17/01	18/01	19/01	20/01	21/01	22/01		23/01	24/01	25/01	26/01	27/01
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	0	0	0	0	0
31.0	32.0	31.8	32.0	32.8	32.0	-	Maximum temperature (°C)	29	28	30	29	29
15.4	16.6	15.0	13.6	15.0	15.6	-	Minimum temperature (°C)	17	15	15	15	14
1	0	0	0	0	0	-	Cloud cover (Octa)	1	1	0	0	0
85	78	61	89	89	88	-	Relative Humidity Max. (%)	81	83	80	81	81
40	44	34	39	43	57	-	Relative Humidity Min. (%)	67	69	69	67	67
2.6	1.9	3.1	1.9	1.9	1.4	-	Wind speed (Km/hr)	6	8	10	10	12
Calm	Calm	Calm	Calm	Calm	Calm	-	Wind direction	209	110	102	30	33
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
0.0						0.0		2359.6				

Agro-met Advisory

There will be normal weather condition from 23rd to 27th January, 2019. Wind velocity range from 6 to 12 Km/h from 23rd to 27th January, 2019.

Crop	Stage	Agro Advise
Lablab bean	Flowering and pod filling stage	<ul style="list-style-type: none"> There is possibility for incidence of pod borer on lablab bean, if incidence is noticed, collect and destroy all infected pods and spray Dimethoate 30% EC @ 20 ml per 10 liter of water.
Groundnut	Vegetative	<ul style="list-style-type: none"> For control of weeds in groundnut crop, do weeding operation after 30 to 35 days after sowing also take earthing up operation.
Mango	Flowering	<ul style="list-style-type: none"> Provide support to newly planted mango graft, as there is forecast of high wind speed. As per blossom protection schedule for mango crop, spray Imidacloprid 17.8% SL @ 6 ml per 10 liter of water to control the incidence of mango hoppers and midge fly before the flower opening to avoid the adverse effect on pollinators. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew disease.
Sapota	Flowering	<ul style="list-style-type: none"> If incidence of chiku moth (leaf webber) is noticed on sapota, collect and destroy the dried clusters of leaf web and spray 5% neem seed kernel extract.
Banana	-	<ul style="list-style-type: none"> Provide irrigation to banana orchard at 7-8 days interval. Provide support to banana tree which is in flowering stage, as there is forecast of high wind speed.
Vegetables/ Fruit crop nursery	Fruiting	<ul style="list-style-type: none"> Follow earthing up operation in Okra, Brinjal, Tomato, Chilli etc. vegetable crops. Also provide support to crop as there is forecast of high wind speed. Apply second split dose of nitrogen 50 kg/ha (108 kg urea/ha) after two months of transplanting to tomato and brinjal crops. There is possibility for incidence of aphids on watermelon, if incidence is noticed spray Dimethoate @10 ml or Malathion @20 ml per 10 liter of water. Also use yellow stick cards in field. Provide irrigation to fruit crop nursery, vegetable crops and newly planted plantation crops regularly.
Milch animal	-	<ul style="list-style-type: none"> Protect the animals /poultry birds from low temperature by providing curtains and electric bulbs as per the need. Provide clean and hygienic drinking water to farm animals. Provide 1 to 1.5kg concentrate + 15 to 20 kg green fodder + 4 to 5 kg roughages per day for milch animals. For control of worms in goat, give Albendazol 7.5 ml per kg weight of goat.

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.