



Agromet Advisory Service Bulletin for Thane and Palghar 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 –09/01/2019 to 15/01/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 20/01/2019				
09/01	10/01	11/01	12/01	13/01	14/01	15/01		16/01	17/01	18/01	19/01	20/01
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	0	0	0	0	0
30.2	30.4	31.0	30.6	30.0	30.0	-	Maximum temperature (°C)	26	26	27	28	28
13.0	12.0	12.4	11.6	13.4	15.2	-	Minimum temperature (°C)	16	15	16	16	15
0	0	0	0	0	0	-	Cloud cover (Octa)	0	0	0	0	0
59	91	80	93	75	68	-	Relative Humidity Max. (%)	60	60	59	58	58
38	33	35	46	55	56	-	Relative Humidity Min. (%)	51	53	51	51	53
2.9	3.3	2.6	2.5	2.9	4.7	-	Wind speed (Km/hr)	6	4	5	5	4
E	ENE	SSE	ENE	SW	SW	-	Wind direction	82	55	54	70	77
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 16th to 20th January, 2019.

Crop	Stage	Agro Advise
Rice	Seedling	<ul style="list-style-type: none"> Complete pre tillage operation and bunding in rice field. For transplanting use 12 to 15 cm. tall rice seedlings with age of 35 to 40 days. Transplanting of rice may be carried out with a spacing of 20 x 15 cm. at transplanting depth of 2.5 to 3.5 cm. deep. Apply 40 kg nitrogen, 50 kg phosphors and 50 kg potash before at the time of puddling for rice.
Lablab bean	Flowering	<ul style="list-style-type: none"> Provide irrigation to lablab bean crop when crop is in flowering and pod filling stage.
Mango	Flowering	<ul style="list-style-type: none"> 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 and fruiting	<ul style="list-style-type: none"> Apply 2nd fertilizer dose @ 10 ghamel FYM, 3 kg urea, 9 kg Single super phosphate and 3 kg muriate of potash per tree having age above 20 years. 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.
Flower crop	Vegetative	<ul style="list-style-type: none"> Provide Irrigation to aster crop at an interval of 8 -10 days according to soil moisture conditions.
Vegetables/ Fruit crop nursery	Fruiting	<ul style="list-style-type: none"> Install cue lure 'Rakshak' trap @ 4nos. per hectare at the time of initiation of in watermelon crop for effective control of fruit fly. Provide irrigation to fruit crop nursery regularly.

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.