



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 –22/12/2018 to 28/12/2018)							Weather Parameters	Weather forecast until 08.30 hrs of 02/01/2019				
22/12	23/12	24/12	25/12	26/12	27/12	28/12		29/12	30/12	31/12	01/01	02/01
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
32.0	31.2	31.4	31.0	31.0	28.0	29.4	Maximum temperature (°C)	31	32	32	31	31
13.2	15.6	17.0	19.0	17.4	11.2	10.4	Minimum temperature (°C)	16	17	17	16	16
0	0	0	0	0	0	0	Cloud cover (Octa)	0	1	2	0	0
87	80	88	52	58	48	45	Relative Humidity Max. (%)	57	56	56	57	57
26	34	46	45	23	56	-	Relative Humidity Min. (%)	39	38	38	39	39
1.8	2.2	2.0	2.2	3.3	3.9	4.0	Wind speed (Km/hr)	9	9	8	7	6
-	-	-	-	-	-	-	Wind direction	84	86	86	89	80
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2018 to till dated			Total Rainfall (mm) in last year		
0.0							2359.6			2834.2		

Agro-met Advisory

Sky will be slightly cloudy on 30th and 31st December, 2018. Wind velocity range from 6 to 19 Km/h from 29th December, 2018 to 2nd January, 2019.

Crop	Stage	Agro Advise
Rice	Seedling	<ul style="list-style-type: none"> Apply 1 kg urea per guntha after 15 days of sowing of rice nursery.
Groundnut	Vegetative growth	<ul style="list-style-type: none"> Provide irrigation to groundnut crop at 10-12 days interval.
Mango	Vegetative flush & flower bud initiation	<ul style="list-style-type: none"> There is possibility of incidence of mango hoppers at the time of flower bud initiation of Mango, therefore it is advise to spray Lambda cyhaothrin 5%EC @ 6 ml per 10 liter of water. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew disease. New growth below graft union should be removed regularly from new plantation of mango.
Sapota	Harvesting	<ul style="list-style-type: none"> Harvest the mature fruits before 10 hours in the morning and after 16 hours in the evening with the help on Atul Sapota harvester.
Banana	Vegetative	<ul style="list-style-type: none"> If incidence of bunchy top disease is noticed on banana, remove and destroy infected plant. Since the aphid act as vector for bunchy top disease, if incidence of aphid is notice in banana orchard spray 0.05 % dimethoate insecticide 3 times at 15 days interval.
Flower crop	Vegetative	<ul style="list-style-type: none"> For control of weeds in marigold and aster flower crop, do weeding operation after 15-20 days of transplanting also earthing up of soil to give support to plant.
Vegetables/ Fruit crop nursery	Vegetative	<ul style="list-style-type: none"> If incidence of wilt is noticed on watermelon, drenching of carbendazim @1 gm per liter is suggested. If the incidence of aphids, leaf hoppers, leaf eating caterpillars, leaf miner is noticed on tomato, brinjal, Chilli etc. vegetable crops, spray malathion 20 ml or Dimethoate 15 ml per 10 liters of water at 10 to 15 days interval. For control of weeds in cole crop, do weeding operation after 20-25 days of planting also earthing up of soil to give support to plant. Provide irrigation to vegetable crop at 6-8 days interval. Provide irrigation to grafts, sapling of fruit crop nursery regularly.
Milch Animals/ Goat /Poultry	--	<ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals. Vaccination against Ranikhet disease in poultry birds under the supervision of veterinary officer is advocated. Protect the animals /poultry birds from low temperature by providing curtains and electric bulbs as per the need.

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.