



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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Date: 24/12/2018

Duration – 5 days

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Significant past weather for the preceding week (Period –18/12/2018 to 24/12/2018)							Weather Parameters	Weather forecast until 08.30 hrs of 29/12/2018				
18/12	19/12	20/12	21/12	22/12	23/12	24/12		25/12	26/12	27/12	28/12	29/12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
31.0	31.6	30.4	32.2	32.0	31.2	31.4	Maximum temperature (°C)	30	29	30	31	32
16.4	12.6	12.6	12.6	13.2	15.6	-	Minimum temperature (°C)	16	15	16	17	18
0	0	0	0	0	0	0	Cloud cover (Octa)	3	0	0	0	0
64	74	79	80	87	80	88	Relative Humidity Max. (%)	76	77	76	78	79
32	35	28	32	26	34	-	Relative Humidity Min. (%)	71	72	71	73	75
3.6	3.3	3.7	1.9	1.8	2.2	2.0	Wind speed (Km/hr)	6	6	10	11	10
-	-	-	-	-	-	-	Wind direction	51	84	71	69	82
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 25th December, 2018. Wind velocity range from 6 to 11 Km/h from 25th to 29th December, 2018.

Crop	Stage	Agro Advise
Rice	Emergence	<ul style="list-style-type: none"> Provide sufficient irrigation to rice nursery
Lablab bean	Vegetative growth	<ul style="list-style-type: none"> There is possibility of incidence of anthracnose on leaves of lablab bean, if incidence is noticed spray 0.2% Mancozeb @ 20 gm or 0.2% copper oxychloride @ 20 gm per 10 liter of water.
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. Provide irrigation to newly planted mango orchard and apply straw mulch around the base of plant.
Coconut	-	<ul style="list-style-type: none"> There is possibility of incidence of anthracnose on leaves of coconut plant, if incidence is noticed spray 1% bordomixture. Provide irrigation to coconut orchard at 8-10 days interval.
Banana	Vegetative	<ul style="list-style-type: none"> Apply 400 gms of urea as source of nitrogen fertilizer in three equal split after 60, 90 and 120 days of planting in a basin at a distance of 30 cm from stem of plant at depth of 10 cm.
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.
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"> Apply second split dose of nitrogen 50 kg/ha (108 kg urea/ha) to vegetable crops after one month of transplanting. 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. Provide support to tomato crop. 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.

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.
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