



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 –05/06/2019 to 11/06/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 16/06/2019				
05/06	06/06	07/06	08/06	09/06	10/06	11/06		12/06	13/06	14/06	15/06	16/06
0.0	0.0	0.0	0.0	0.0	0.0	3.0	Rainfall (mm)	10	12	12	22	18
33.6	33.4	32.6	33.6	34.0	34.0	33.8	Maximum temperature (°C)	35	34	35	35	35
27.4	29.0	28.4	28.6	27.8	27.8	25.8	Minimum temperature (°C)	23	24	25	25	25
1	1	1	2	0	2	1	Cloud cover (Octa)	8	8	8	6	6
80	74	83	81	83	84	73	Relative Humidity Max. (%)	72	72	82	83	82
73	66	72	71	69	71	-	Relative Humidity Min. (%)	43	52	57	57	60
4.8	5.3	4.9	5.2	4.3	6.0	4.5	Wind speed (Km/hr)	10	28	20	19	21
SE	SE	ESE	NNW	NNE	SE	WNW	Wind direction	105	181	195	195	200
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
0.0						3.0		2359.6				

Agro-met Advisory

There is possibility of moderate rainfall from 12th to 16th June, 2019. Also sky will be cloudy and wind velocity ranges from 10 to 28 Km/hr.

Crop	Stage	Agro Advise
Kharif rice	Nursery preparation	<ul style="list-style-type: none"> During next five days there is forecast of medium rainfall hence it is advice to complete sowing of rice nursery by observing rainfall. Recommended seed rate for paddy is 50 to 60 kg ha⁻¹, for bold varieties 35 to 40 kg ha⁻¹, for fine varieties and 20 kg ha⁻¹ for hybrid varieties. Follow seed treatment with thiram fungicide @2.5 kg⁻¹ seed before sowing. Apply 1 kg urea and 3 kg SSP per guntha of nursery bed at the time of sowing. To reduce weed intensity, apply oxadiagyl 6% EC @ 3 ml. per liter of water uniformly on wet nursery beds by observing no rainfall period within 72 hrs of sowing.
Finger millet	Nursery preparation	<ul style="list-style-type: none"> For raising of finger millet nursery, plough the nursery area and bring the soil to fine tilth, add FYM@250 kg per guntha area. Prepare raised bed of 120 cm. breadth at bottom and 90 cm. on top along the slope of land. Convenient length of raised bed should be kept according to the land slope.
Mango	Vegetative	<ul style="list-style-type: none"> After complete harvest of mango fruits from high density (5 X5 m or 6 X 4 m) orchard, go for light pruning. It includes detopping, pruning of cross branches and removing of dead wood. The height of tree in high density orchard should be maintained at 80% of row distance. For above 10 year old mango tree apply 50 to 100 kg FYM, 1.5 kg nitrogen (3250 gm urea), 0.5 kg phosphorus (single super phosphate) and 1 kg potassium (2000 gm sulphate of potash in circular basin. Apply fertilizers when the intensity of rainfall is low.
Fruit crops	New plantation	<ul style="list-style-type: none"> There is forecast for rainfall, hence go for planting of new orchard.
Coconut	-	<ul style="list-style-type: none"> For above five year old coconut palm apply 30 kg F.Y.M. along with 750 gm urea, 3 kg single super phosphate and 667 gm muriate of potash in circular basin of 1.5 to 1.8 meter from the base of palm, incorporate in soil. Apply fertilizers when the intensity of rainfall is low.
Vegetable/fruit crop nursery	Sowing	<ul style="list-style-type: none"> Carryout sowing operation of cucurbitaceous crops with spacing of 1.5 m x 1 m, Apply 2 kg FYM or compost alongwith 50 to 60 g mix fertilizer (Suphala) per vine at the time of sowing. Carryout sowing operation of okra in ridges and furrow having spacing of 60 x 60 cm. Apply 15 tonne of FYM, 72 kg urea, 313 kg single super phosphate and 83 kg muriate of potash per hectare.
Milch animal /goat/poultry	-	<ul style="list-style-type: none"> Provide clean, hygienic and plenty amount of drinking water to farm animals and poultry birds. Keep good aeration in animal shed. Carryout planting of biennial and perennial forage crops for animal. The varieties of perennial crops (stumps) like paragrass, Hybrid napier (Jayawant CO- 3, Yashwant) etc.

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| | | <ul style="list-style-type: none">• Protect the animals from rain. |
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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.