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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Significant past weather for the preceding week (Period –09/02/2019 to 15/02/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 20/02/2019				
09/02	**10/02**	**11/02**	**12/02**	**13/02**	**14/02**	**15/02**		**16/02**	**17/02**	**18/02**	**19/02**	**20/02**
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
23.6	29.6	30.0	31.8	34.2	33.2	31.8	Maximum temperature (^oC)	35	35	34	34	36
9.2	10.2	12.4	16.0	19.0	17.8	16.6	Minimum temperature (^oC)	20	19	19	20	21
0	0	0	0	0	0	0	Cloud cover (Octa)	0	0	0	0	0
60	70	80	77	52	83	90	Relative Humidity Max. (%)	58	42	40	39	39
44	44	30	27	33	32	-	Relative Humidity Min. (%)	38	25	23	23	21
3.9	3.7	2.5	2.4	2.3	3.0	3.0	Wind speed (Km/hr)	7	3	3	4	3
SE	Calm	Calm	Calm	SW	Calm	Calm	Wind direction	112	29	218	59	118

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
Increase in maximum and minimum temperature from 16th to 20th February, 2019.

Crop	Stage	Agro Advise
Summer rice	**Tillering**	• Apply 2nd dose of nitrogen 40 kg ha^{-1} (Urea 87 kg ha^{-1}) to rice crop at time of tillering also maintain optimum water level of 5-10 cm in rice field.
Lablab bean	**Harvesting**	• Harvest mature lablab bean pod and dry it for 4 to 5 days in sunlight and then follow threshing or harvest the pods along with plant and dry for 3 to 4 days in sunlight. After drying follow threshing of pods. Stored dried grain in proper manner.
Mango	**Flowering and Fruiting**	• There is possibility for incidence of hoppers and anthracnose disease on mango tree. Therefore it is advise to spray Thiomethoxam 25%WG @ 1gm for control the incidence of mango hoppers + Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm for control of powdery mildew + Carbendazim 12% +Mancozeb 63% @ 10 gm for control of anthracnose disease per 10 liter of water. • Due to forecast for increase in maximum temperature, there is possibility for pre-mature fruit drops of mango, therefore it is advise to spray 2% urea (200 gm per 10 liter of water) by mixing into insecticide solution of 4th to 6th spray blossom protection schedule of mango or spray 1% potassium nitrate three time when fruits are at pea marble and egg stage. Care should be taken to add completely dissolved solution of urea in insecticide. • Apply 150 to 200 liter of water per tree after fruit setting in mango at an 15 days interval for 3 to 4 times to avoid the pre-mature fruit drop. • The pre harvest bagging with News paper bag at marble stage increases the fruit weight, pulp weight, produce spongy tissue free fruit, controls incidence of mealy bag on fruits and produces spotless fruits of mango.
Coconut	**-**	• For above five year old coconut palm apply 3rd dose of 750 gm urea and 667 gm muriate of potash in circular basin of 1.5 to 1.8 meter from the base of palm, incorporate in soil and irrigate.
Flower crop	**Flowering**	• Harvest the aster flowers which are ready for harvesting. For loose flower individual flowers to be harvest at early morning and for cut purpose, flowers along with whole plant to be harvested at evening hours.
Vegetables/ Fruit crop nursery	**Fruiting**	• Carryout harvesting of the vegetable those are in proper stage of harvesting. • Provide irrigation to fruit crop nursery, vegetable crops.
Milch animal /goat/poultry	**-**	• Provide clean and hygienic drinking water to farm animals. • Due to increase in maximum temperature, protect poultry birds from heat.

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.