



Agromet Advisory Service Bulletin for Ratnagiri 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 –06/03/2019 to 12/03/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 17/03/2019				
06/03	07/03	08/03	09/03	10/03	11/03	12/03		13/03	14/03	15/03	16/03	17/03
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
29.4	28.0	31.4	32.0	32.2	35.0	32.2	Maximum temperature (°C)	32	31	32	33	33
16.0	12.0	14.0	13.0	14.0	13.5	15.0	Minimum temperature (°C)	21	21	20	20	22
4	0	0	0	0	0	0	Cloud cover (Octa)	1	0	0	0	0
90	90	91	89	91	91	90	Relative Humidity Max. (%)	61	59	55	54	59
69	69	65	60	63	65	-	Relative Humidity Min. (%)	48	45	43	41	42
4.6	5.5	4.6	4.1	4.1	4.5	5.7	Wind speed (Km/hr)	21	22	22	9	6
calm	calm	Calm	Calm	Calm	Calm	Calm	Wind direction	328	248	241	292	67
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
0.0						0.0		3071.8				

Agro-met Advisory

There will be increase in maximum and minimum temperature from 13th to 17th March, 2019. It is wind velocity range from 8 to 22 km/h from 13th to 17th March, 2019

Crop	Stage	Agro Advise
Groundnut	Pegging	<ul style="list-style-type: none"> There is possibility for incidences of leaf miner in groundnut, if incidence is notice spray Quinalphos 25%EC @ 20 ml. or Lambda cyhaothrin 5%EC @ 6 ml per 10 liter of water.
Mango	Fruiting	<ul style="list-style-type: none"> Due to variation in temperature there is possibility of fruit drop of mango hence, provide irrigation for alphonso mango @ 150 to 200 lit. of water at fortnight interval for 3 to 4 times to reduce fruit drop and increase the size of fruits. Also use straw mulch to reduce evaporation. 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 bug on fruits and produces spotless fruits of mango. Provide support to newly planted mango graft, as there is forecast of high wind velocity. Provide irrigation to newly planted mango orchard and new growth below graft union should be removed regularly.
Cashewnut	Fruiting and harvesting	<ul style="list-style-type: none"> If nuts are ready for harvesting, harvest the mature nuts and dry in the sun for 7 to 8 days to bring down the moisture content. Prepare different processed product from cashew apple as per recommended by Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli. Provide support to newly planted cashew graft, as there is forecast of high wind speed. Provide irrigation to newly planted cashew orchard and new growth below graft union should be removed regularly.
Coconut	-	<ul style="list-style-type: none"> Due to increase in maximum temperature, provide irrigation to coconut orchard at 5 to 6 days interval. Provide support and shade to newly planted coconut orchard. For control of adults and grubs of rhinoceros beetle spray the FYM pits with Chlorpyriphos 20 ml in 10 lit of water at two months interval.
Arecanut	-	<ul style="list-style-type: none"> Due to increase in maximum temperature, provide irrigation to arecanut orchard at 4 to 5 days interval.
Spice crop	Harvesting	<ul style="list-style-type: none"> Cinnamon bark can be harvested first time from three year old tree, entire tree should be cut down. The outer bark is peeled off, cut and dried in shed for 4-6 days and then for 2 hrs in sunlight. One to two years after pruning, the side stems of 1 to 1.25 meter length and 1 to 2 cm thickness which have attained brown color selected for cutting.
Vegetables/ Fruit crop nursery	Fruiting	<ul style="list-style-type: none"> Provide irrigation to summer okra vegetable crops. Carry out harvesting of brinjal and green chilli when fruit at tender stage. Provide irrigation to fruit crop nursery, vegetable crops.
Milch animal /goat/poultry	-	<ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals. The temperatures during day are increasing hence 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.