



**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 –09/03/2019 to 15/03/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 20/03/2019				
09/03	10/03	11/03	12/03	13/03	14/03	15/03		16/03	17/03	18/03	19/03	20/03
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
32.0	32.2	35.0	32.2	30.5	30.4	32.1	Maximum temperature (°C)	32	33	30	33	32
13.0	14.0	13.5	15.0	15.0	15.5	14.6	Minimum temperature (°C)	20	18	19	18	18
0	0	0	0	4	2	0	Cloud cover (Octa)	0	0	0	1	2
89	91	91	90	90	86	72	Relative Humidity Max. (%)	41	53	44	59	64
60	63	65	70	59	71	-	Relative Humidity Min. (%)	20	21	18	19	24
4.1	4.1	4.5	5.7	4.8	5.2	5.2	Wind speed (Km/hr)	6	4	4	3	5
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	122	112	140	126	58
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 decrease in relative humidity from 16<sup>th</sup> to 20<sup>th</sup> March, 2019.**

**According to NDVI, Agriculture vigour is good and according to SPI, moderately wet condition experienced in Ratnagiri district.**

Crop	Stage	Agro Advise
<b>Mango</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>There is possibility of incidence of powdery mildew on Mango, therefore it is advised to spray Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liters of water.</li> <li>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.</li> <li>The pre harvest bagging with butter paper or news paper bag at marble stage increases the fruit weight, pulp weight, produce spongy tissue free fruit, controls attack of fruit fly on fruits and produces spotless fruits of mango.</li> </ul>
<b>Cashewnut</b>	<b>Fruiting and harvesting</b>	<ul style="list-style-type: none"> <li>There is possibility of incidence of thrips on the nuts of cashewnut, if incidence is noticed spray Spinosad 45% SC @2.5 ml or Thiamethoxam 25% WG @ 2 gram per 10 liter of water. (insecticide is not under label claim)</li> <li>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.</li> </ul>
<b>Coconut</b>	-	<ul style="list-style-type: none"> <li>Due to increase in maximum temperature, provide irrigation to coconut orchard at 5 to 6 days interval.</li> </ul>
<b>Arecanut</b>	-	<ul style="list-style-type: none"> <li>Due to increase in maximum temperature, provide irrigation to arecanut orchard at 4 to 5 days interval.</li> </ul>
<b>Spice crop</b>	<b>Harvesting</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>
<b>Vegetables/ Fruit crop nursery</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>If incidence of shoot and fruit borer is noticed on brinjal, collect and destroy all infected shoots and fruit and spray Fenvalerate 10 ml per 10 liters of water.</li> <li>Provide irrigation to summer okra vegetable crops.</li> <li>Carry out harvesting of brinjal and green chilli when fruit are at tender stage.</li> <li>Provide irrigation to fruit crop nursery, vegetable crops.</li> </ul>
<b>Milch animal /goat/poultry</b>	-	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water to farm animals.</li> <li>The temperatures during day are increasing hence protect poultry birds from heat.</li> <li>Provide 1 to 1.5 kg concentrate + 15 to 20 kg green fodder + 4 to 5 kg roughages per day for milch animals.</li> <li>Young goats provide 3 to 4 kg green fodder + 2 to 2.5 kg dry fodder + 300 g concentrate.</li> </ul>

**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.**