



**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 –13/03/2019 to 19/03/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 24/03/2019				
13/03	14/03	15/03	16/03	17/03	18/03	19/03		20/03	21/03	22/03	23/03	24/03
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	0	0	0	0	0
30.5	30.4	32.1	34.8	34.5	32.0	-	Maximum temperature (°C)	33	32	32	32	34
15.0	15.5	14.6	14.0	14.1	13.5	-	Minimum temperature (°C)	19	19	19	20	20
4	2	0	0	0	0	-	Cloud cover (Octa)	1	1	0	2	1
90	86	72	79	89	89	-	Relative Humidity Max. (%)	57	68	64	59	53
59	71	40	45	45	59	-	Relative Humidity Min. (%)	39	43	45	42	41
4.8	5.2	5.2	4.3	4.0	4.2	-	Wind speed (Km/hr)	15	11	17	20	18
Calm	Calm	Calm	Calm	Calm	Calm	-	Wind direction	324	330	333	334	228
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 wind velocity from 20<sup>th</sup> to 24<sup>th</sup> March, 2019.**

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

Crop	Stage	Agro Advise
<b>Groundnut</b>	<b>Pod development</b>	<ul style="list-style-type: none"> <li>There is possibility for incidence of leaf spot (Tikka) in groundnut, if incidence is notice, take a three spray of 1% bordonixture or 0.2% Mancozeb or 0.1% Carbendazim fungicide at an interval of 10 days.</li> <li>Irrigate the groundnut crop at an interval of 8-10 days.</li> </ul>
<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>For increasing the production and quality of fruits of mango, spray 1 % Potassium nitrate at pea stage, marble stage and arecanut size fruit stage.</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>Provide support to newly planted mango graft, as there is forecast of high wind velocity.</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> <li>Provide support to newly planted cashew graft, as there is forecast of high wind velocity.</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> <li>Provide support and shade to newly planted coconut orchard.</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>Carry out harvesting of black paper by picking the whole spikes by hand, when few berries in the spike start turning yellow or red. The berries are separated and dipped in hot water (80°C) for one minute and sun dried for 3 to 4 days.</li> </ul>
<b>Vegetables/ Fruit crop nursery</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>For control of incidence of thrips in summer okra, apply phorate 10G @ 10 kg ha<sup>-1</sup> by mixing into the soil around plant. Destroy all infected shoots and leaves. Install yellow sticky traps in to field.</li> <li>If the incidence of white flies, aphids, hoppers are 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.</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 and poultry birds.</li> <li>The temperatures during day are increasing hence protect animals and poultry birds from heat.</li> <li>Vaccination against Ranikhet disease in poultry birds under the supervision of veterinary officer is advocated.</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.**