



**Agromet Advisory Service Bulletin for Ratnagiri District**  
(Issued jointly by GKMS, 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 –12/02/2020 to 18/02/2020)							Weather Parameters		Weather forecast until 08.30 hrs of 23/02/2020				
12/02	13/02	14/02	15/02	16/02	17/02	18/02			19/02	20/02	21/02	22/02	23/02
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	0	0	0
34.0	34.4	34.0	34.2	34.0	34.0	36.2	Maximum temperature (°C)		37	36	35	34	34
17.0	16.0	16.5	15.5	14.7	15.8	16.5	Minimum temperature (°C)		22	23	22	21	21
0	0	0	0	0	0	0	Cloud cover (Octa)		1	0	2	0	1
92	92	92	91	91	90	94	Relative Humidity Max. (%)		52	51	54	51	48
51	50	51	44	40	43	-	Relative Humidity Min. (%)		23	24	24	25	20
2.4	3.5	3.2	3.2	3.4	2.7	2.7	Wind speed (Km/hr)		5	4	5	6	6
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction		NE	NE	NE	ENE	E
<b>Rainfall (mm) in last week</b>							<b>Rainfall (mm) from 01/01/2020 to till dated</b>	<b>Total Rainfall (mm) in last year</b>					
<b>0.0</b>							<b>0.0</b>	<b>5130.9</b>					

**Agro-met Advisory**

**There is possibility of increase in maximum and minimum temperature and sky remain mainly clear from 19<sup>th</sup> to 23<sup>rd</sup> February, 2020.**

Crop	Stage	Agro Advise
Groundnut	Pegging	<ul style="list-style-type: none"> <li>Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation rate, hence provide irrigation to the groundnut crop.</li> </ul>
Lablab bean	Pod stage	<ul style="list-style-type: none"> <li>Due to forecast for increase in temperature provide irrigation to lablab bean crop which is in pod filling stage.</li> </ul>
Mango	Fruiting	<ul style="list-style-type: none"> <li>To protect the pea size fruits of mango from hoppers, thrips and powdery mildew disease, as per blossom protection schedule for mango crop, take a fourth spray of Thiomethoxam 25%WG @ 1 gm per 10 liter of water (15 days after 3<sup>rd</sup> spray) Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew.</li> <li>To protect the fruits of mango from hoppers, thrips and powdery mildew disease, as per blossom protection schedule for mango, it is advise to take fifth spray (15 days interval after 4<sup>th</sup> spray) of Dimethoate 30%EC @ 10 ml or Lambda cyhalothrin 5%EC @ 6 ml + Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm mildew per 10 liter of water for control of powdery mildew.</li> <li>There is forecast for decrease in humidity and increase in temperature in during next five days, hence to minimize the pre-mature fruit drop of mango, apply 150 to 200 liter of water per tree after fruit setting at 15 days interval for 3 to 4 times also use straw mulch to reduce evaporation losses.</li> <li>To improve production and quality of mango fruits, spray 1 % Potassium nitrate at pea, marble and egg fruit stages.</li> <li>The pre-harvest bagging with newspaper bag of size 25 X 20 cm at marble to egg stage as per recommendation of D.B.S.K.K.V. helps to reduce the fruit drop, 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> <li>Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to newly planted mango orchard also use straw mulch to reduce evaporation losses.</li> </ul>
Cashewnut	Nut stage	<ul style="list-style-type: none"> <li>Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to newly planted cashewnut orchard also use straw mulch to reduce evaporation losses.</li> </ul>
Coconut	--	<ul style="list-style-type: none"> <li>Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to coconut orchard also use straw mulch to reduce evaporation losses.</li> <li>There is forecast for increase in temperature, hence provide shed to the newly planted coconut orchard to protect from sun scorching.</li> <li>Apply 750 gms urea and 667 gms of muriate of potash as 3<sup>rd</sup> split dose for 5-year-old and above coconut palm.</li> </ul>
Arecanut	-	<ul style="list-style-type: none"> <li>Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to arecanut orchard.</li> </ul>
Fruit crop nursery	Seedling	<ul style="list-style-type: none"> <li>Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to fruit crop nursery.</li> <li>Keep the fruit crop nursery area weed free also provides shed to nursery seedlings.</li> </ul>
Milch animal /goat	-	<ul style="list-style-type: none"> <li>Provide clean, hygienic and plenty amount of drinking water to farm animals.</li> <li>To protect animals from heat, sprinkle cold water on animals during the afternoon, it will help to maintain the body temperature.</li> </ul>
Poultry	-	<ul style="list-style-type: none"> <li>There is possibility for increase in temperature during day hence protect poultry birds from heat.</li> <li>In poultry shed, increase the water pot and provide adequate and clean water for drinking. Also, feed should be given in the morning or evening hours.</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.**

