



**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 –21/11/2020 to 27/11/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 02/12/2020				
21/11	22/11	23/11	24/11	25/11	26/11	27/11		28/11	29/11	30/11	01/12	02/12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	3	7	0
33.7	33.7	33.0	33.4	32.4	31.9	33.0	Maximum temperature (°C)	34	33	33	34	34
20.1	19.0	19.0	16.1	16.4	14.1	17.4	Minimum temperature (°C)	21	21	21	22	20
0	0	0	0	0	0	0	Cloud cover (Octa)	8	5	1	6	8
95	89	93	83	89	81	80	Relative Humidity Max. (%)	63	81	79	77	70
66	53	55	54	48	40	-	Relative Humidity Min. (%)	40	54	52	50	39
2.8	2.2	2.1	2.7	1.9	2.5	3.7	Wind speed (Km/hr)	9	9	6	7	8
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	E	E	E	E	ENE
<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>				
0.0				4137.5				5130.9				

**Weather summary**

<b>Weather forecast</b>	<b>As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of very light rainfall on 30<sup>th</sup> November and 1<sup>st</sup> December, 2020 at isolated place and sky remain mainly cloudy over Ratnagiri district.</b>
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Crop	Stage	Agromet Advisory based on weather forecast
<b>Groundnut</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>For cultivation of groundnut on transparent polythene mulch, prepare raised bed of a top width of 60 cm and 5-7 cm height leaving 30 cm distance on either side of bed. For control of weeds, apply Butachlor @ 50 ml per 10 liter of water before sowing on wet raised bed. Apply fertilizer of 44 kg urea, 250 kg SSP and 40 kg MOP before sowing into line at 8-10cm deep in soil. If there is availability of drip irrigation system, install system before spreading of polythene mulch. After herbicide application, spread transparent polythene sheet on to bed. Hole can be made at a 20cm distance from the centre of mulch. Plant to plant distance maintains is 10cm. dibbling the seeds at 3-4 cm depth. Before sowing, treat the seed with thiram fungicide @3 gm/kg or trichoderma 5 gms/kg and with Rhizobium @ 20 gms and Phosphate solubilizing bacteria biofertilizer @50 gms per kg of seed.</li> </ul>
<b>Lablab bean</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>There is possibility of incidence of aphids on lablab crop grown on residual moisture which develop into growth of black fungus on leaves and inflorescence. If incidence is noticed, spray Dimethoate 30%EC@12 ml per 10 liter of water.</li> </ul>
<b>Mango</b>	<b>Vegetative flush to Flower bud initiation</b>	<ul style="list-style-type: none"> <li>There is possibility incidence of hoppers and powdery mildew disease on flower bud stage in mango. To protect the inflorescence from pest and powdery mildew diseases, spray Lambda cyhalothrin 5%EC @ 6 ml + hexaconazole @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water and for protection of vegetative flush from hoppers and diseases, spray deltamethrin 2.8%EC @ 10 ml + fungicide combination (carbendazim 12% + mancozeb 63%) @ 10 gm per 10 liter in water.</li> <li>Due to cloudy weather for protection against anthracnose disease, spray carbendazim 12% + mancozeb 63% combination fungicide @ 10 gm per 10 liter in water.</li> </ul>
<b>Cashewnut</b>	<b>Flowering</b>	<ul style="list-style-type: none"> <li>There is possibility of tea mosquito bug and thrips incidence on inflorescence of cashewnut, to protect the cashew inflorescence from tea mosquito bug and thrips incidence, spray Profenophos 50% EC @10 ml per 10 liter of water. Also, for protection of vegetative flush from tea mosquito bug incidence, spray spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water. (The insecticide is not under label claim).</li> <li>To improve production of cashewnut, take 2nd spray of 10 PPM ethrel at the flowering stage.</li> </ul>
<b>Turmeric</b>	<b>Rhizome development stage</b>	<ul style="list-style-type: none"> <li>There is possibility for incidence of leaf spot and anthracnose disease in turmeric, if incidence is noticed spray Mancozeb 75%WP @25 gms per 10 liter of water.</li> </ul>
<b>Brinjal</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>Apply second split dose of nitrogen @ 43 kg urea per acre to brinjal crop after 3 to 5 weeks of transplanting. Follow weeding and give earthing up at the time of fertilizer application.</li> </ul>

<b>Watermelon</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>• There is possibility of incidence of hoppers and aphids in watermelon crop, if incidence is noticed on watermelon, spray dimethoate 30%EC @10 ml per 10 liter of water. For management of sucking pest, place yellow sticky paper into field.</li> </ul>
<b>Okra</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>• There is possibility of incidence of aphids, hoppers on okra crop If incidence is noticed, collect and destroy all infected shoots and leaves, spray Dimethoate 30%EC@10 ml or Cypermethrin 25%EC@ 3 ml per 10 liter of water. For management of sucking pest, place yellow sticky paper into field.</li> </ul>
<b>Poultry</b>	-	<ul style="list-style-type: none"> <li>• Protect the poultry birds from low temperature by providing curtains and electric bulbs during night time.</li> </ul>
<p><b>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.</b></p>		