



# AGROMET ADVISORY SERVICE BULLETIN FOR RAIGAD DISTRICT

(Issued jointly by GKMS, Dr. B.S. Konkani Krishi Vidyapeeth,  
& India Meteorological Department)



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Duration – 5 days

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Significant past weather for the preceding week (Period –28/11/2020 to 04/12/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 09/12/2020				
(Source: Agromet observatory, RARS, Karjat)								(Source: Regional Meteorological Centre, Mumbai)				
28/11	29/11	30/11	01/12	02/12	03/12	04/12		05/12	06/12	07/12	08/12	09/12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
33.8	31.4	35.6	34.4	35.6	35.5	35.8	Max.Temp. (°C)	32	31	30	31	32
18.0	21.0	21.4	19.0	19.8	16.0	12.4	Min.Temp. (°C)	21	20	20	22	23
4	0	4	0	0	0	0	Cloud cover (Octa)	8	5	8	8	6
67	88	89	90	93	89	92	Max. RH (%)	52	46	48	52	51
45	42	47	44	32	24	-	Min. RH (%)	26	25	28	36	28
3.9	3.1	2.1	1.7	1.1	1.5	1.1	Wind speed(Km/hr)	8	9	10	10	7
Calm	WNW	SSE	Calm	Calm	Calm	SW	Wind direction	E	E	E	E	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>3089.4</b>			<b>5197.2</b>					

## Weather summary/alert

<b>Weather forecast</b>	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of cloudy weather condition from 5 <sup>th</sup> to 9 <sup>th</sup> December, 2020 over Raigad district.
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## Agromet advisory based on weather forecast

Crop	Stage	Agro advisory
<b>Rice</b>	Sowing	<ul style="list-style-type: none"> <li>Apply 1 kg urea and 3 kg SSP and 0.8 kg of MOP per guntha on nursery bed at the time of sowing. Sow the seeds in row 7-8 cm apart and at 1-2 cm depth and cover with soil. Follow seed treatment with thiram fungicide @2.5 gms per kg of seed before sowing.</li> <li>To reduce weed intensity, apply oxadiagyl 6% EC @ 3 ml. per liter of water uniformly on wet nursery beds.</li> </ul>
<b>Mango</b>	Vegetative flush	<ul style="list-style-type: none"> <li>Due to forecast of cloudy weather, there is possibility of incidence of hoppers, midge fly and anthracnose disease on vegetative flush of mango. if protective spray has not taken at vegetative flush, then undertake precautionary spray of deltamethrin 2.8%EC @ 10 ml + fungicide combination (carbendazim 12% + mancozeb 63%) @ 10 gm per 10 liter in water.</li> </ul>
<b>Cashewnut</b>	Flowering	<ul style="list-style-type: none"> <li>There is possibility of tea mosquito bug and thrips incidence on inflorescence of cashewnut, if protective spray has not taken at flowering, then undertake precautionary spray of to protect the cashew inflorescence from tea mosquito bug and thrips incidence, spray Profenophos 50% EC @10 ml per 10 liter of water. (The insecticide is not under label claim).</li> </ul>
<b>Brinjal</b>	Vegetative	<ul style="list-style-type: none"> <li>There is possibility of incidence of mites on brinjal, if incidence is noticed, spray Dicofol 18.5%EC @1.5 ml per liter of water or dust the Sulphur powder (300 mesh) on the lower side of the leaves.</li> <li>Provide irrigation to brinjal crop at 6-8 days interval.</li> </ul>
<b>Cucurbitaceous crops</b>	Vegetative	<ul style="list-style-type: none"> <li>Follow weeding in cucurbitaceous crop field and proper support should be given to cucurbitaceous crops which are in growing stage.</li> <li>Provide irrigation to cucurbitaceous crop at 4-5 days interval.</li> </ul>
<b>Cabbage</b>	Vegetative	<ul style="list-style-type: none"> <li>Spray 1% urea on cabbage crop at 15 to 20 days after transplanting.</li> </ul>
<b>White onion</b>	Vegetative	<ul style="list-style-type: none"> <li>If incidence of thrips is noticed in onion crop nursery, spray Quinalphos 25</li> </ul>

		ml per 10 liters of water.
<b>Watermelon</b>	Vegetative	<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> <li>• Apply second split dose of 11g urea per vine of watermelon crop and for hybrid watermelon varieties apply 20g urea per vine.</li> <li>• Provide irrigation to watermelon crop at 4-5 days interval.</li> </ul>
<b>Chilli</b>	Vegetative	<ul style="list-style-type: none"> <li>• There is possibility of incidence of leaf curl disease in chilli which is transmitted by thrips, white flies and mites which results into curling of leaves and stunted growth of plant. For management spray 10% cow urine and Azadirachtin 10000 PPM @ 3 ml per liter of water, alternatively at 7 days interval. Install blue sticky trap in field.</li> <li>• Provide irrigation to chilli crop at 6-8 days interval.</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>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.</p>		