



**Agromet Advisory Service Bulletin for Ratnagiri District**  
(Issued jointly by IAAS, Dr. B.S. Konkani 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 –18/12/2018 to 24/12/2018)							Weather Parameters	Weather forecast until 08.30 hrs of 29/12/2018				
18/12	19/12	20/12	21/12	22/12	23/12	24/12		25/12	26/12	27/12	28/12	29/12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
30.0	30.0	30.0	30.2	32.0	32.0	34.0	Maximum temperature (°C)	33	3	32	33	34
12.5	11.0	9.4	10.0	13.0	15.0	16.2	Minimum temperature (°C)	20	19	18	19	20
0	0	0	0	0	0	0	Cloud cover (Octa)	2	3	2	4	4
90	90	87	90	86	89	90	Relative Humidity Max. (%)	72	72	73	73	71
71	78	79	58	53	60	66	Relative Humidity Min. (%)	67	68	69	69	70
1.2	1.2	0.7	1.5	1.1	0.9	0.7	Wind speed (Km/hr)	6	5	7	9	10
W	W	W	W	W	W	W	Wind direction	53	55	18	75	79
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2018 to till dated			Total Rainfall (mm) in last year			
0.0						3071.8			3633.5			

**Agro-met Advisory**

Sky will be cloudy on 25<sup>th</sup> to 29<sup>th</sup> December, 2018. Wind velocity range from 5 to 10 kmph from 25<sup>th</sup> to 29<sup>th</sup> December, 2018.

Crop	Stage	Agro Advise
Rice	Emergence	<ul style="list-style-type: none"> <li>Provide sufficient irrigation to rice nursery</li> </ul>
Lablab bean	Vegetative growth	<ul style="list-style-type: none"> <li>There is possibility of incidence of anthracnose on leaves of lablab bean, if incidence is noticed spray 0.2% Mancozeb @ 20 gm or 0.2% copper oxychloride @ 20 gm per 10 liter of water.</li> </ul>
Mango	Vegetative flush & flower bud initiation	<ul style="list-style-type: none"> <li>There is possibility of incidence of mango hoppers at the time of flower bud initiation of Mango, therefore it is advise to spray Lambda cyhaothrin 5%EC @ 6 ml per 10 liter of water. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew disease.</li> <li>Provide irrigation to newly planted mango orchard and apply straw mulch around the base of plant.</li> </ul>
Cashewnut	Flowering	<ul style="list-style-type: none"> <li>There is possibility of incidence of tea mosquito bug and thrips on the inflorescence of cashewnut, if incidence is noticed spray Profenophos 50% EC @10 ml per 10 liter of water. ( insecticide is not under label claim)</li> <li>Provide irrigation to newly planted cashewnut orchard also use straw mulch around the base of plant.</li> <li>Spraying of 25% cow urine @ 5 liter per plant and drenching of 10 liter of 25% cow urine per cashewnut tree is suggested for increasing yield and size of nuts.</li> </ul>
Coconut	-	<ul style="list-style-type: none"> <li>There is possibility of incidence of anthracnose on leaves of coconut plant, if incidence is noticed spray 1% bordon mixture.</li> <li>Provide irrigation to coconut orchard at 8-10 days interval.</li> </ul>
Spice crop	Fruiting	<ul style="list-style-type: none"> <li>Provide irrigation to black pepper orchard as per requirement.</li> </ul>
Vegetables/ Fruit crop nursery	Vegetative	<ul style="list-style-type: none"> <li>Apply second split dose of nitrogen 50 kg/ha (108 kg urea/ha) to vegetable crops after one month of transplanting.</li> <li>If the incidence of aphids, leaf hoppers, leaf eating caterpillars, leaf miner is 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 support to tomato crop.</li> <li>Provide irrigation to vegetable crop at 6-8 days interval.</li> <li>Provide irrigation to grafts, sapling of fruit crop nursery regularly.</li> </ul>
Milch Animals/ Goat /Poultry	--	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water to farm animals.</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 Konkani Krishi Vidyapeeth, Dapoli.  
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