

**Agromet Advisory Service Bulletin for Ratnagiri District**  
(Issued jointly by IAAS, Dr. B.S. KonkanKrishiVidyapeeth, & Regional India Meteorological Department, Mumbai)**Dr. Subhash Chavan,**  
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9422065344**Significant past weather for the preceding week**  
(Period –19/01/2018 to 23/01/2018)

Rainfall (mm):	0.0
Total Rainfall (mm):	0.0
Total Rainfall (mm) (last year)	3633.5
Maximum temperature (°C)	30.0-33.8
Minimum temperature (°C)	12.5-14.5
Morning RH (%)	91-98
Afternoon RH (%)	55-72
Wind Speed (km/hr):	2.5-3.3
Total cloud cover (Octa)	0

**Weather forecast until 08.30 hrs of 28/01/2018**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	24/01	25/01	26/01	27/01	28/01
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	30	30	32	32	31
Minimum temperature (°C)	19	19	21	22	23
Total cloud cover (Octa)	0	1	1	3	3
Relative Humidity Max. (%)	86	76	51	50	63
Relative Humidity Min. (%)	37	27	19	15	15
Wind Speed (Km/hr)	009	006	007	006	004
Wind Direction	29	61	63	65	53

**: Agro-met Advisory:**

Sky will be slightly cloudy from 25<sup>th</sup> to 28<sup>th</sup> January, 2017. Wind velocity range from 4 to 7 km/hr from 24<sup>th</sup> to 28<sup>th</sup> January, 2017.

Crop	Crop Stage	Agromet Advisory
<b>Pulses crops</b>	Vegetative stage	<ul style="list-style-type: none"> <li>If incidence of aphids and leaf minor is observed on pulse crops, spray 10 ml Dimethoate or Lambda cyhalothrin 5% EC @ 6ml. per 10 lit. of water at an interval of 15-20 days.</li> </ul>
<b>Mango and Cashew</b>	<b>Plantation</b>	<ul style="list-style-type: none"> <li>Due to the variation of minimum temperature in last as well as forecasted period it is possibility to recurrent flowering in Alphonso mango to save precious early crop one spray of GA<sub>3</sub> 50 ppm (1 gm per 20 lit of water) on whole tree for controlling recurrent flowering.</li> <li>If incidence of mango hopper is noticed spray Imidachlopid 17.8% SL. @ of 3 ml per 10 liter of water for management of powdery mildew mix Hexaconazole 5% EC @ 5 ml or Sulphur 80% WP @ 20 gm per 10 lit of water.</li> <li>If incidence of Tea mosquito on new emerging flush of cashew is noticed, spray Lambda Cyhalothrin 5% EC (6 ml. in 10 lit. of water). (These insecticide are not under label claim)</li> </ul>
<b>Coconut, Arecanut</b>	--	<ul style="list-style-type: none"> <li>For control of adults and grubs of rhinoceros beetle. dust the FYM pits with 2 % Methyl parathion powder after every 2 month interval.</li> <li>To control red palm weevil affected coconut, prepare a slanting hole with the help of screw drill about 1 m height from ground level on tree trunk and pour about 20 ml of 36 % Monocrotophos or 20% Chlorpyrifos with the help of plastic funnel in the hole and close the hole with the help of cement.</li> </ul>
<b>Vegetable crop and watermelon crop</b>	--	<ul style="list-style-type: none"> <li>For control of bacterial wilt of chilli, brinjal and tomato seedling, spray Copper Oxychloride @ 20 to 25 g/10 lit of water on seedbed after sowing of seeds. Also apply Carbarly or Lindane powder on side of seedbed to control against ant.</li> <li>There is possibility for incidence of powdery mildew, spray Hexaconazole 5% EC 5 ml or Sulphur 80% WP @ 20 g per 10 lit. of waters.</li> <li>If incidence of hopper, aphids and thrips is observed in <i>rabi</i> vegetable nursery viz., brinjal, tomato, cabbage, chilli, knol knol etc., apply Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water.</li> <li>Cucurbitaceous vegetables are in fruit bearing stage, install of Rakshak fruit fly traps developed by University @ 4 traps per ha area is advocated to control fruit fly in vegetables garden.</li> <li>In watermelon crop if symptoms of wilting are observed then drenching of Carbandazim @ 1 gm. per lit. of water per vine.</li> <li>Apply straw mulch or polythene mulch for water melon crops.</li> </ul>
<b>Goats/ Milch animals</b>	--	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.</li> <li>Protect the animals/poultry birds from low temperature by providing curtains and electric bulbs as per the need.</li> </ul>
<b>Suggestion</b>	--	<ul style="list-style-type: none"> <li>Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.</li> </ul>