



## Agromet Advisory Service Bulletin for Ratnagiri District

(Issued jointly by IAAS, Dr. B.S. KonkankrishiVidyapeeth, &amp; Regional India Meteorological Department, Mumbai)

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## Significant past weather for the preceding week

(Period –05/02/2018 to 09/02/2018)

Rainfall (mm):	0.0
Total Rainfall (mm):	0.0
Total Rainfall (mm) (last year)	3633.5
Maximum temperature (°C)	32.6-35.0
Minimum temperature (°C)	10.2-14.5
Morning RH (%)	90-98
Afternoon RH (%)	42-64
Wind Speed (km/hr):	2.5-3.1
Total cloud cover (Octa)	0-6

## Weather forecast until 08.30 hrs of 14/02/2018

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	10/02	11/02	12/02	13/02	14/02
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	31	31	30	29	31
Minimum temperature (°C)	19	19	18	19	19
Total cloud cover (Octa)	8	5	1	1	0
Relative Humidity Max. (%)	57	61	83	82	80
Relative Humidity Min. (%)	27	28	34	41	33
Wind Speed (Km/hr)	006	007	006	008	006
Wind Direction	91	29	44	27	50

## : Agro-met Advisory:

Sky will be cloudy from 10<sup>th</sup> to 13<sup>th</sup> February, 2018. Wind velocity range from 6 to 8 km/hr from 10<sup>th</sup> to 14<sup>th</sup> February, 2018.

Crop	Crop Stage	Agromet Advisory
<b>Pulses crops</b>	Vegetative stage	<ul style="list-style-type: none"> <li>There are forecasted cloudy weather on 10<sup>th</sup> and 11<sup>th</sup> February, 2018 also variation between minimum temperature hence incidence of aphids and leaf minor is increased if it is observed on pulse crops, spray 10 ml Dimethoate or Lambda cyhalothrin 5% EC @ 6 ml. 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>There are forecasted cloudy weather on 10<sup>th</sup> and 11<sup>th</sup> February, 2018, hence there is possibility of incidence of mango hopper, if it is noticed spray Lambda Cyhalothrin @5% E.C. @ of 6 ml per 10 liter of water for management of Anthracnose mix Carbendazim 12% + Mancozeb 63% @ 10 g per 10 lit of water.</li> <li>There are forecasted cloudy weather on 10<sup>th</sup> and 11<sup>th</sup> February, 2018, hence there is possibility of 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> <li>There are forecasted cloudy weather on 10<sup>th</sup> and 11<sup>th</sup> February, 2018, hence there is possibility of incidence of Anthracnose on cashew. If it is noticed, spray thiophanate methyl 1 gm per liter or Carbendazim per liter or Propineb 1 gm per liter or Carbendazim 12% + Mancozeb 63% @ 1 g per lit of water</li> </ul>
<b>Coconut, Arecanut</b>	--	<ul style="list-style-type: none"> <li>For control of adults and grubs of rhinoceros beetle, dust 2 % Methyl parathion powder after every 2 month interval in FYM pits.</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>Due to cloudy weather on 10<sup>th</sup> and 11<sup>th</sup> February, 2018 there is possibility for increased incidence of hopper, aphids and thrips on vegetable crops viz., brinjal, tomato, cabbage, chilli, knol knol etc., if it is noticed spray 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>