



## 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 –08/02/2018 to 12/02/2018)

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 17/02/2018

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	13/02	14/02	15/02	16/02	17/02
Rainfall (mm)	0	0	0	0	
Maximum temperature (°C)	33	34	34	35	35
Minimum temperature (°C)	18	18	19	19	19
Total cloud cover (Octa)	0	0	1	3	1
Relative Humidity Max. (%)	75	69	66	62	66
Relative Humidity Min. (%)	36	30	25	26	27
Wind Speed (Km/hr)	009	005	007	005	003
Wind Direction	25	70	68	49	37

## : Agro-met Advisory:

Sky will be slightly cloudy from 15<sup>th</sup> to 17<sup>th</sup> February, 2018. Wind velocity range from 3 to 9 km/hr from 13<sup>th</sup> to 17<sup>th</sup> February, 2018.

Crop	Crop Stage	Agromet Advisory
Pulses crops	Vegetative stage	<ul style="list-style-type: none"> <li>There are the 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>
Mango and Cashew	Plantation	<ul style="list-style-type: none"> <li>If incidence of mango hopper is noticed on mango crop, spray Lambda Cyhalothrin @5% E.C. @ of 6 ml per 10 liter of water for management of Anthracnose mix Carbendazim @ 10 gm or Propineb @ 20 gm or Carbendazim 12% + Mancozeb 63% @ 10 g per of any one fungicides for10 lit of water.</li> <li>For increasing the production and quality improvement of fruits of mango, spraying of 1 % urea and 1 % Potassium nitrate at pea stage, marble stage and arecanut size stage is recommended. Apply protected irrigation for alphonso mango @ 150 to 200 lit. of water at fortnight interval to reduce fruit drop and increase the size of fruits.</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) also management of Anthracnose mix Carbendazim @ 10 gm or Propineb @ 20 gm or Carbendazim 12% + Mancozeb 63% @ 10 g per of any one fungicides for10 lit of water. (These insecticide are not under label claim)</li> </ul>
Coconut, Arecanut	--	<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% Chlorphyriphos with the help of plastic funnel in the hole and close the hole with the help of cement.</li> </ul>
Vegetable crop and watermelon crop	--	<ul style="list-style-type: none"> <li>If incidence of hopper, aphids and thrips on vegetable crops viz., brinjal, tomato, cabbage, chilli, knol knol etc., 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>
Goats/ Milch animals	--	<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>
Suggestion	--	<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>