



Agromet Advisory Service Bulletin for Ratnagiri District

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

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Significant past weather for the preceding week

(Period –12/02/2018 to 16/02/2018)

Rainfall (mm):	0.0
Total Rainfall (mm):	0.0
Total Rainfall (mm) (last year)	3633.5
Maximum temperature (°C)	28.2-34.8
Minimum temperature (°C)	11.5-17.0
Morning RH (%)	90-98
Afternoon RH (%)	61-70
Wind Speed (km/hr):	3.3-4.6
Total cloud cover (Octa)	0-2

Weather forecast until 08.30 hrs of 21/02/2018

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	17/02	18/02	19/02	20/02	21/02
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	33	32	32	33	33
Minimum temperature (°C)	20	20	20	21	21
Total cloud cover (Octa)	7	0	0	0	0
Relative Humidity Max. (%)	60	64	65	70	68
Relative Humidity Min. (%)	34	35	34	34	35
Wind Speed (Km/hr)	006	006	002	003	004
Wind Direction	40	93	53	113	196

: Agro-met Advisory:

Sky will be cloudy on 17th February, 2018. Wind velocity range from 2 to 6 km/hr from 17th to 21st February, 2018.

Crop	Crop Stage	Agromet Advisory
Pulses crops	Vegetative stage	<ul style="list-style-type: none"> 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.
Mango and Cashew	Plantation	<ul style="list-style-type: none"> 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. 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. 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)
Coconut, Arecanut	--	<ul style="list-style-type: none"> For control of adults and grubs of rhinoceros beetle, dust 2 % Methyl parathion powder after every 2 month interval in FYM pits. 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.
Vegetable crop and watermelon crop	--	<ul style="list-style-type: none"> 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. 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. In watermelon crop if symptoms of wilting are observed then drenching of Carbandazim @ 1 gm. per lit. of water per vine. Apply straw mulch or polythene mulch for water melon crops.
Goats/ Milch animals	--	<ul style="list-style-type: none"> Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal. Protect the animals/poultry birds from low temperature by providing curtains and electric bulbs as per the need.
Suggestion	--	<ul style="list-style-type: none"> Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.