



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 –13/02/2017 to 17/02/2017)

Rainfall (mm):	0.0
Total Rainfall (mm):	0.0
Total Rainfall (mm) (last year)	4504.1
Maximum temperature (°C)	30.4-35.5
Minimum temperature (°C)	14.0-15.2
Morning RH (%)	89-91
Afternoon RH (%)	44-61
Wind Speed (km/hr):	2.6-3.8
Total cloud cover (Octa)	0

Weather forecast until 08.30 hrs of 22/02/2017

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	18/02	19/02	20/02	21/02	22/02
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	37	36	36	35	35
Minimum temperature (°C)	22	22	20	19	19
Total cloud cover (Octa)	0	0	0	0	0
Relative Humidity Max. (%)	56	56	64	68	57
Relative Humidity Min. (%)	40	41	41	44	44
Wind Speed (Km/hr)	009	007	005	017	020
Wind Direction	62	55	192	330	228

: Agro-met Advisory:

Sky will be clear from 18th to 22nd February 2017. Wind velocity range from 5 to 20 kmph on 18th to 22nd February, 2017.

Crop	Crop Stage	Agromet Advisory
Mango and Cashew	Fruit Stage	<ul style="list-style-type: none"> There is possibility for incidence of Mango hoppers on Alphonso mango, if it is noticed, spray Thiomethoxiam 25 EC (WDG) @ 1 g or Triazophos 40 @ 10 ml per 10 lit of water add 10 g Carbendazim or 20 g wettable sulphur or 5 gm hexaconazole for control of powdery mildew. For increasing the production and quality improvement of fruits of mango, spraying of 1% Potassium nitrate at pea stage, marble stage and arecanut size stage is recommended. If the incidence of Cashew Stem and Root Borer (CSRB) is noticed in Cashew, remove the grubs from the holes with the help of 15 mm chisel and apply Chloropyriphos 20 EC @ 10 ml per litre of water on the stem (swabbing) and pour remaining solution around the stem near to the roots. It is necessary to protect new emerging flowering flush of cashew from Tea mosquito bug as well as leaf minor, by spraying it with monocrotophos 36% (15 ml in 10 lit. of water) or profenophos 15% (10 ml. in 10 lit. of water) or lambda cyheloethrin 5% (6 ml in 10 lit. in water). It is necessary to protect fruit set of cashew from tea mosquito bug and thrips by spraying it with Carbaryl 50 WP @ 20 gms or 5% Lambda cyhalothrin @ 5 ml per 10 litres of water.
Coconut, Arecanut	--	<ul style="list-style-type: none"> Spraying the FYM pits with 0.2 % Carbaryl for control of adults and grubs of rhinoceros beetle. To control red palm weevil affected coconut, fill the holes made by RPW with 10 per cent Carbaryl dust and sand mixture. 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 + 20 ml water with the help of plastic funnel in the hole and close the hole with the help of cement. Prepare water channels to drain out excess water from coconut and arecanut garden during rainy season.
Vegetable	Vegetative Stage	<ul style="list-style-type: none"> If incidence of hopper, aphids and thrips is observed in <i>rabi</i> vegetable nursery viz., brinjal, tomato, cabbage, chilli, knol knol etc., spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water. If 5 to 6 weeks completed after sowing of brinjal and chill crops then seedling are ready for transplanting. At the time of transplanting the seedlings may be deep in Dimethoate @ 10 ml/10 lit. of water and transplanted on ridges of main field with spacing of 60 x 60 cm.
Watermelon Cultivation	--	<ul style="list-style-type: none"> In watermelon crop if symptoms of wilting is 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. Planting of binneal forage crops like Paragrass, Napier, Gajraj etc is advocated. 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.