



Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by IAAS, Dr. B.S. KonkanKrishiVidyapeeth, & Regional India Meteorological Department, Mumbai)

Dr. Uttam Mahadkar,
Head,
Department of Agronomy
9422791998

Dr. D.N. Jagtap,
Nodal Officer,
Department of Agronomy
9403988143

Prof. Viresh Chavan,
Technical Officer,
Department of Agronomy
9422065344

Significant past weather for the preceding week
(Period -07/04/2017 to 11/04/2017)

Rainfall (mm):	0.0
Total Rainfall (mm):	0.0
Total Rainfall (mm) (last year)	4504.1
Maximum temperature (°C)	32.2-35.7
Minimum temperature (°C)	14.5-21.0
Morning RH (%)	70-98
Afternoon RH (%)	51-71
Wind Speed (km/hr):	3.6-4.5
Total cloud cover (Octa)	0

Weather forecast until 08.30 hrs of 16/04/2017

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	12/04	13/04	14/04	15/04	16/04
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	33	33	33	32	32
Minimum temperature (°C)	24	24	23	23	23
Total cloud cover (Octa)	0	0	0	0	0
Relative Humidity Max. (%)	84	84	80	80	75
Relative Humidity Min. (%)	44	45	46	48	48
Wind Speed (Km/hr)	006	006	006	007	009
Wind Direction	116	190	164	114	264

: Agro-met Advisory:

Sky will be clear from 12th to 16th April, 2017. Wind velocity range from 6 to 9 kmph from 12th to 16th April, 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 above economic threshold level on Alphonso mango, spray Dimethoate 30 EC @ 10 ml or Lambda cyhalothrin 5 EC 6 ml per 10 lit of water add 10 g Carbendazim or 20 g wettable sulphur or 5 gm hexaconazole for control of powdery mildew. Apply protected irrigation for alphonso mango @ 150 to 200 lit. of water at 10 days interval to reduce fruit drop and increase the size of fruits. There is possibility of incidence of Mango fruit fly, install 'Rakshak fruit fly traps' developed by University @ 4 traps per ha. area. Some parts in the district the mango fruits mature size stage, harvest the mature fruits before 10 hours in the morning and after 16 hours in the evening with the help on Nutan mango harvester at 80 to 85% maturity. Keep the harvested fruits in shade to prevent spongy tissue disease and from heat. Give treatment with fungicide and ethylene for ripening as per the recommendations. Transport of harvested fruits should be done preferably during night hours. Don not apply any insecticides/fungicides 8 days before harvesting of mango fruits. It is necessary to protect fruit set of cashew from tea mosquito bug and thrips by spraying it with 50 % Profenophos 10 ml or 5% Lambda cyhalothrin @ 5 ml per 10 litres of water. In cashew cultivated places cashew nut ready to harvest. Matured cashew nuts dry under sunlight after harvesting.
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.
Vegetable	Vegetative Stage	<ul style="list-style-type: none"> If incidence of hopper, aphids and thrips is observed in <i>rabi</i> vegetable crops viz., brinjal, tomato, cabbage, chilli, knol knol etc., spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water. There is possibility of incidence of fruit fly on cucurbitaceous crops, install 'Rakshak' fruit fly traps developed by University @ 4 traps per ha. area.
Watermelon Cultivation	--	<ul style="list-style-type: none"> Harvest the mature fruits of watermelon by observing weathered tendril near peduncle of fruits and after completion of duration of variety. Installation of Rakshak fruit fly traps developed by the University @ 4 traps per ha area is advocated to control fruit fly in cucurbitaceous crops as well as watermelon crop.
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.
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.