

**Agromet Advisory Service Bulletin for Ratnagiri District**
(Issued jointly by IAAS, Dr. B.S. KonkanKrishiVidyapeeth, & Regional India Meteorological Department, Mumbai)**Dr. Uttam Mahadkar,**
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9420673267**Significant past weather for the preceding week**
(Period –30/12/2016 to 03/01/2017)

Rainfall (mm):	0.0
Total Rainfall (mm):	0.0
Total Rainfall (mm) (last year)	4504.1
Maximum temperature (⁰ C)	31.1-32.4
Minimum temperature (⁰ C)	12.0-13.4
Morning RH (%)	93-95
Afternoon RH (%)	42-60
Wind Speed (km/hr):	1.6-2.6
Total cloud cover (Octa)	0

Weather forecast until 08.30 hrs of 08/01/2017

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	04/01	05/01	06/01	07/01	08/01
Rainfall (mm)	0	0	0	0	0
Maximum temperature (⁰ C)	32	32	31	30	30
Minimum temperature (⁰ C)	19	18	17	15	15
Total cloud cover (Octa)	0	1	0	0	0
Relative Humidity Max. (%)	53	55	55	67	76
Relative Humidity Min. (%)	49	49	41	43	48
Wind Speed (Km/hr)	007	007	005	009	006
Wind Direction	79	80	43	105	36

: Agro-met Advisory:Sky will be slightly cloudy on 5th January, 2017. Wind velocity range from 5 to 9 kmph on 4th to 8th January, 2017.

Crop	Crop Stage	Agromet Advisory
Mango and Cashew	Vegetative Stage	<ul style="list-style-type: none"> For control of Mango hoppers spraying may be done on new vegetative flush of mango of 25% cypermethrin @ 4 ml per 10 lit of water or 20% fenvelerate @ 5 ml per 10 lit. of water or 2.8% decamethrin @ 9 ml per 10 lit. of water or Neembicidine 1000 ppm @ 20 ml per 10 lit. of water is suggested. 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 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 cyhellowthrin 5% (6 ml in 10 lit. in water)..
Coconut, Arecanut	Vegetative Stage	<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"> For cultivation of watermelon ploughing and cloud crushing of land and furrow be prepared at 4 m length 90 cm apart the both side of furrow prepared 30 x 30 x30 cm size pit, apply 1 to 1.5 kg FYM + 10 gm Carbaryl (10%) Powder, mix thoroughly with soil, sowing of 3 to 4 seeds at the depth of 2 to 2.5 cm, thinning after 15 days emergence of seedling keep only 2 seedlings per pit. The 50 kg N + 50 kg P₂O₅ and 50 kg K₂O per ha was required. The 1/3rd dose of N and full dose of P₂O₅ and K₂O be applied at the time of sowing and remaining N be apply 1 and 2 months after sowing at equal quantity. 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.