

**Agromet Advisory Service Bulletin for Ratnagiri District**
(Issued jointly by IAAS, Dr. B.S. KonkanKrishiVidyapeeth, & Regional India Meteorological Department, Mumbai)**Dr. Subhash Chavan,**
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9422065344**Significant past weather for the preceding week**
(Period –01/12/2017 to 05/12/2017)

Rainfall (mm):	4.2
Total Rainfall (mm):	3614.1
Total Rainfall (mm) (last year)	4504.1
Maximum temperature (°C)	32.2-33.2
Minimum temperature (°C)	15.6-21.6
Morning RH (%)	81-94
Afternoon RH (%)	42-70
Wind Speed (km/hr):	2.4-4.9
Total cloud cover (Octa)	4-6

Weather forecast until 08.30 hrs of 10/12/2017

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	06/12	07/12	08/12	09/12	10/12
Rainfall (mm)	7	5	0	0	0
Maximum temperature (°C)	32	33	33	33	33
Minimum temperature (°C)	22	22	21	21	21
Total cloud cover (Octa)	7	6	7	3	2
Relative Humidity Max. (%)	95	95	93	86	70
Relative Humidity Min. (%)	77	64	59	41	31
Wind Speed (Km/hr)	006	007	005	007	006
Wind Direction	128	236	272	85	77

: Agro-met Advisory:

There is possibility of rainfall on 6th and 7th December, 2017. Sky will be cloudy from 6th to 10th December, 2017. Wind velocity range from 5 to 7 km/hr from 6th to 10th December, 2017.

Crop	Crop Stage	Agromet Advisory
Mango and Cashew	----	<ul style="list-style-type: none"> There are forecasted cloudy weather on next five days and forecasted rainfall on 6th and 7th December, hence possibility for incidence of mango hopper on mango if it is noticed spray Lambda Cyhalothrin @5% E.C. @ of 6 ml per 10 liter of water for management of Anthracnose mix Carbendazim 12% + Mancozeb 63% @ 10 g per 10 lit of water. There are forecasted cloudy weather on next five days and forecasted rainfall on 6th and 7th December, it is necessary to protect new emerging flush of cashew from Tea mosquito bug by spraying it with profenophos 15% (10 ml. in 10 lit. of water). (These insecticide are not under label claim)
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 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"> Prepare nursery of tomato, brinjal and chilly seedling for arriving <i>rabi</i> season. For control of bacterial wilt of chilli, brinjal and tomato seedling, spray Copper Oxychloride @ 20 to 25 g/10 lit of water on seedbed after sowing of seeds. Also apply Carbarly or Lindane powder on side of seedbed to control against ant. Due to cloudy weather condition it is possibility for incidence of powdery mildew, spray Hexaconazole 5% EC 5 ml or Sulphur 80% WP @ 20 g per 10 lit. of waters. 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.
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.