

**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 –11/12/2017 to 15/12/2017)

Rainfall (mm):	0.0
Total Rainfall (mm):	3633.5
Total Rainfall (mm) (last year)	4504.1
Maximum temperature (°C)	27.5-32.0
Minimum temperature (°C)	13.5-17.6
Morning RH (%)	89-98
Afternoon RH (%)	56-76
Wind Speed (km/hr):	2.2-4.0
Total cloud cover (Octa)	0-4

Weather forecast until 08.30 hrs of 20/12/2017

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	16/12	17/12	18/12	19/12	20/12
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	30	31	31	30	30
Minimum temperature (°C)	19	20	21	21	21
Total cloud cover (Octa)	5	3	4	3	2
Relative Humidity Max. (%)	86	81	73	69	66
Relative Humidity Min. (%)	68	66	63	57	53
Wind Speed (Km/hr)	007	008	006	008	009
Wind Direction	79	86	74	55	69

: Agro-met Advisory:**Sky will be cloudy from 16th to 20th December, 2017. Wind velocity range from 6 to 9 km/hr from 16th to 20th December, 2017.**

Crop	Crop Stage	Agromet Advisory
Groundnut/ Mustard	Emergence Stage	<ul style="list-style-type: none"> For cultivation of rabi groundnut preliminary operation should be carried out. Deep ploughing and addition of 10 to 15 tonnes of FYM/Compost in groundnut field. Use of 125 to 150 kg seed for sowing. Use TG-26, TAG-24, TPG-41, Konkan Gaurav, Konkan Tapora any one variety for sowing. Weather is suitable for sowing of 'Mustard'. Sowing of seed of variety 'Pusa bold' and 'Varuna' at the spacing 45cm x 10 cm is advocated. Apply 1 kg urea and 3 kg SSP per R area before sowing of seed.
Mango and Cashew	----	<ul style="list-style-type: none"> If incidence of mango hopper 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. If incidence of Tea mosquito on new emerging flush of cashew is noticed, spray profenophos 15% (10 ml. in 10 lit. of water). (These insecticide are not under label claim)
Coconut, Areca nut	--	<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% Chlorpyrifos 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"> 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 Carbaryl or Lindane powder on side of seedbed to control against ant. There 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.