

**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 –15/12/2017 to 19/12/2017)

Rainfall (mm):	0.0
Total Rainfall (mm):	3633.5
Total Rainfall (mm) (last year)	4504.1
Maximum temperature (°C)	29.0-32.8
Minimum temperature (°C)	13.2-16.0
Morning RH (%)	88-98
Afternoon RH (%)	50-59
Wind Speed (km/hr):	2.0-2.8
Total cloud cover (Octa)	0-4

**Weather forecast until 08.30 hrs of 24/12/2017**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	20/12	21/12	22/12	23/12	24/12
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	33	34	35	34	34
Minimum temperature (°C)	18	19	20	20	20
Total cloud cover (Octa)	2	3	1	7	8
Relative Humidity Max. (%)	57	54	55	63	66
Relative Humidity Min. (%)	26	29	24	34	35
Wind Speed (Km/hr)	008	010	007	007	007
Wind Direction	83	77	73	75	80

**: Agro-met Advisory:****Sky will be cloudy from 20<sup>th</sup> to 24<sup>th</sup> December, 2017. Wind velocity range from 7 to 10 km/hr from 20<sup>th</sup> to 24<sup>th</sup> December, 2017.**

Crop	Crop Stage	Agromet Advisory
<b>Groundnut/ Mustard</b>	Emergence Stage	<ul style="list-style-type: none"> <li>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.</li> <li>Weather is suitable for sowing of 'Mustard'. Sowing of seed of variety '<b>Pusa bold</b>' and '<b>Varuna</b>' at the spacing 45cm x 10 cm is advocated. Apply 1 kg urea and 3 kg SSP per R area before sowing of seed.</li> </ul>
<b>Mango and Cashew</b>	----	<ul style="list-style-type: none"> <li>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.</li> <li>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)</li> </ul>
<b>Coconut, Arecanut</b>	--	<ul style="list-style-type: none"> <li>Spraying the FYM pits with 0.2 % Carbaryl for control of adults and grubs of rhinoceros beetle.</li> <li>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.</li> </ul>
<b>Vegetable crop and watermelon crop</b>	--	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>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 P<sub>2</sub>O<sub>5</sub> and 50 kg K<sub>2</sub>O per ha was required. The 1/3<sup>rd</sup> dose of N and full dose of P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O be applied at the time of sowing and remaining N be apply 1 and 2 months after sowing at equal quantity.</li> </ul>
<b>Goats/ Milch animals</b>	--	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.</li> <li>Protect the animals/poultry birds from low temperature by providing curtains and electric bulbs as per the need.</li> </ul>
<b>Suggestion</b>	--	<ul style="list-style-type: none"> <li>Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.</li> </ul>