

**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 –10/11/2017 to 14/11/2017)

Rainfall (mm):	0.0
Total Rainfall (mm):	3609.9
Total Rainfall (mm) (last year)	4504.1
Maximum temperature (°C)	32.0-33.0
Minimum temperature (°C)	13.2-16.8
Morning RH (%)	91-96
Afternoon RH (%)	30-48
Wind Speed (km/hr):	1.7-2.2
Total cloud cover (Octa)	0

**Weather forecast until 08.30 hrs of 19/11/2017**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	15/11	16/11	17/11	18/11	19/11
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	34	33	35	36	36
Minimum temperature (°C)	17	18	18	18	19
Total cloud cover (Octa)	3	2	0	1	3
Relative Humidity Max. (%)	84	87	86	68	74
Relative Humidity Min. (%)	32	37	39	38	39
Wind Speed (Km/hr)	004	006	006	007	006
Wind Direction	40	46	69	65	78

**: Agro-met Advisory:**

Sky will be cloudy on 15<sup>th</sup>, 16<sup>th</sup>, 18<sup>th</sup> and 19<sup>th</sup> November, 2017. Wind velocity range from 4 to 7 km/hr from 15<sup>th</sup> to 19<sup>th</sup> November, 2017.

Crop	Crop Stage	Agromet Advisory
Rice	Maturity stage	<ul style="list-style-type: none"> <li>Harvesting of rice crop in morning hours and fallowed immediate threshing of rice, the threshed grains should be dry in sun for 3 to 4 days.</li> </ul>
Mango and Cashew	----	<ul style="list-style-type: none"> <li>There is a possibility for incidence of mango hopper, if it is noticed spray Deltamethrin 2.8% E.C. @ of 9 ml per 10 liter of water.</li> <li>For control of dieback of mango, spray the branches with Copper oxychloride 0.3 % (30 gms/10 litres of water) or 0.1 % Bordeaux mixture. If there is oozing of gum from matured branches, then scrap the infected branch and apply paste of Copper oxychloride or Bordeaux mixture to the affected portion. Spraying should not be done during heavy rains.</li> <li>There is a possibility for incidence of Tea mosquito bug on cashew, if it is noticed spray Lambda Cyhalothrin 5% E.C. @ 6 ml per 10 liter of water (The insecticide are not under label claim).</li> </ul>
Coconut, Arecanut	--	<ul style="list-style-type: none"> <li>For controlling of bud rot of coconut palm, clean infected bud and drenching with 1% Bordo mixture or copper-oxy-chloride @ 25 g per 10 lit of water.</li> <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% Chlorpyrifos with the help of plastic funnel in the hole and close the hole with the help of cement.</li> </ul>
Vegetable crop and watermelon crop	--	<ul style="list-style-type: none"> <li>Prepare nursery of tomato, brinjal and chilly seedling for arriving <i>rabi</i> season.</li> <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>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>
Goats/ Milch animals	--	<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>
Suggestion	--	<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>