



**Agromet Advisory Service Bulletin for Ratnagiri District**  
(Issued jointly by IAAS, Dr. B.S. KonkanKrishiVidyapeeth, & Regional India Meteorological Department, Mumbai)

**Dr. Subhash Chavan,**  
Head,  
Department of Agronomy  
9422431067

**Dr. D.N. Jagtap,**  
Nodal Officer,  
Department of Agronomy  
9403988143

**Prof. Viresh Chavan,**  
Technical Officer,  
Department of Agronomy  
9422065344

**Significant past weather for the preceding week**  
(Period –05/01/2018 to 09/01/2018)

Rainfall (mm):	0.0
Total Rainfall (mm):	0.0
Total Rainfall (mm) (last year)	3633.5
Maximum temperature (°C)	28.0-31.0
Minimum temperature (°C)	11.4-13.5
Morning RH (%)	95-98
Afternoon RH (%)	75-89
Wind Speed (km/hr):	1.6-3.3
Total cloud cover (Octa)	0

**Weather forecast until 08.30 hrs of 14/01/2018**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	10/01	11/01	12/01	13/01	14/01
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	27	28	29	29	30
Minimum temperature (°C)	17	19	19	20	20
Total cloud cover (Octa)	1	2	1	1	0
Relative Humidity Max. (%)	69	68	67	65	64
Relative Humidity Min. (%)	50	53	55	55	52
Wind Speed (Km/hr)	006	006	006	006	004
Wind Direction	70	79	65	78	62

**: Agro-met Advisory:**

Sky will be slightly cloudy from 10<sup>th</sup> to 13<sup>th</sup> January, 2017. Wind velocity range from 4 to 6 km/hr from 10<sup>th</sup> to 14<sup>th</sup> January, 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>	Plantation	<ul style="list-style-type: none"> <li>If incidence of mango hopper is noticed spray Imidachloprid 17.8% SL. @ of 3 ml per 10 liter of water for management of powdery mildew mix Hexaconazole 5% EC @ 5 ml or Sulphur 80% WP @ 20 gm per 10 lit of water.</li> <li>If incidence of Tea mosquito on new emerging flush of cashew is noticed, spray Lambda Cyhalothrin 5% EC (6 ml. in 10 lit. of water). (These insecticide are not under label claim)</li> </ul>
<b>Coconut, Areca nut</b>	--	<ul style="list-style-type: none"> <li>For control of adults and grubs of rhinoceros beetle. dust the FYM pits with 2 % Methyl parathion powder after every 2 month interval.</li> <li>To control red palm weevil affected coconut, 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>
<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 Carbaryl 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>