

**Agromet Advisory Service Bulletin for Raigad 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 –12/01/2018 to 16/01/2018)

Rainfall (mm):	
Total Rainfall (mm):	
Total Rainfall (mm) (last year)	
Maximum temperature (°C)	
Minimum temperature (°C)	
Morning RH (%)	
Afternoon RH (%)	
Wind Speed (km/hr):	
Total cloud cover (Octa)	

**Weather forecast until 08.30 hrs of 21/01/2018**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	17/01	18/01	19/01	20/01	21/01
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	31	30	32	32	31
Minimum temperature (°C)	22	23	23	21	20
Total cloud cover (Octa)	0	0	1	1	0
Relative Humidity Max. (%)	85	83	77	74	70
Relative Humidity Min. (%)	46	46	44	44	42
Wind Speed (Km/hr)	005	007	006	006	006
Wind Direction	66	59	48	47	31

**: Agro-met Advisory:**

Sky will be slightly cloudy on 19<sup>th</sup> and 20<sup>th</sup> January, 2017. Wind velocity range from 5 to 7 kmph from 17<sup>th</sup> to 21<sup>st</sup> January, 2017.

Crop	Crop Stage	Agromet Advisory
Summer Rice	Nursery	<ul style="list-style-type: none"> <li>After 15 days of sowing of paddy nursery, apply second dose of nitrogenous fertilizer like urea @ 1 kg per R for paddy nursery.</li> </ul>
Pulses crops	Vegetative stage	<ul style="list-style-type: none"> <li>If incidence of aphids and leaf minor is observed on pulse crops, spray 10 ml Dimethoate per 10 lit. of water at an interval of 15-20 days.</li> </ul>
Groundnut/ Mustard	Emergence Stage	<ul style="list-style-type: none"> <li>For cultivation of <i>rabi</i> 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 Tapura 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>
Mango and Cashew	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>
Coconut, Areca nut	--	<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% Chlorphyriphos 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>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>If incidence of hopper, aphids and thrips is observed in <i>rabi</i> vegetable nursery viz., brinjal, tomato, cabbage, chilli, knol knol etc., apply Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water.</li> <li>Cucurbitaceous vegetables are in fruit bearing stage, install of Rakshak fruit fly traps developed by University @ 4 traps per ha area is advocated to control fruit fly in vegetables garden.</li> <li>In watermelon crop if symptoms of wilting are observed then drenching of Carbandazim @ 1 gm. per lit. of water per vine.</li> <li>Apply straw mulch or polythene mulch for water melon crops.</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>