

**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 –19/02/2018 to 23/02/2018)

Rainfall (mm):	0.0
Total Rainfall (mm):	0.0
Total Rainfall (mm) (last year)	3633.5
Maximum temperature (°C)	33.0-35.0
Minimum temperature (°C)	14.5-17.0
Morning RH (%)	96-98
Afternoon RH (%)	63-79
Wind Speed (km/hr):	2.5-2.7
Total cloud cover (Octa)	0-2

**Weather forecast until 08.30 hrs of 28/02/2018**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	24/02	25/02	26/02	27/02	28/02
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	34	34	34	35	35
Minimum temperature (°C)	23	21	21	22	22
Total cloud cover (Octa)	0	0	0	0	0
Relative Humidity Max. (%)	71	60	62	65	51
Relative Humidity Min. (%)	37	34	39	38	38
Wind Speed (Km/hr)	004	008	005	005	004
Wind Direction	146	85	85	65	62

**: Agro-met Advisory:****Sky will be clear from 24<sup>th</sup> to 28<sup>th</sup> February, 2018. Wind velocity range from 4 to 8 km/hr from 24<sup>th</sup> to 28<sup>th</sup> February, 2018.**

Crop	Crop Stage	Agromet Advisory
<b>Pulses crops</b>	<b>Vegetative stage</b>	<ul style="list-style-type: none"> <li>There are the variation between minimum temperature hence incidence of aphids and leaf minor is increased if it is observed on pulse crops, spray 10 ml Dimethoate or Lambda cyhalothrin 5% EC @ 6 ml. per 10 lit. of water at an interval of 15-20 days.</li> </ul>
<b>Mango and Cashew</b>	<b>Plantation</b>	<ul style="list-style-type: none"> <li>Due to temperature variation it is possibility for fruit drop of mango hence, apply irrigation for alphonso mango @ 150 to 200 lit. of water at fortnight interval to reduce fruit drop and increase the size of fruits.</li> <li>For increasing the production and quality improvement of fruits of mango, spraying of 1 % urea and 1 % Potassium nitrate at pea stage, marble stage and arecanut size stage is recommended.</li> <li>If incidence of mango hopper is noticed on mango crop, spray Lambda Cyhalothrin @5% E.C. @ of 6 ml per 10 liter of water for management of Anthracnose mix Carbendazim @ 10 gm or Propineb @ 20 gm or Carbendazim 12% + Mancozeb 63% @ 10 g per of any one fungicides for10 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) also management of Anthracnose mix Carbendazim @ 10 gm or Propineb @ 20 gm or Carbendazim 12% + Mancozeb 63% @ 10 g per of any one fungicides for10 lit of water. (These insecticide are not under label claim)</li> </ul>
<b>Coconut, Arecanut</b>	--	<ul style="list-style-type: none"> <li>For control of adults and grubs of rhinoceros beetle, dust 2 % Methyl parathion powder after every 2 month interval in FYM pits.</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>
<b>Vegetable crop and watermelon crop</b>	--	<ul style="list-style-type: none"> <li>If incidence of hopper, aphids and thrips on vegetable crops viz., brinjal, tomato, cabbage, chilli, knol knol etc., is noticed spray 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>
<b>Goats/ Milch animals/ Poultry</b>	--	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.</li> <li>Planting of biennial and perennial forage crops for livestock like paragrass, hybrid napier, CO-3, yashwant etc.</li> <li>Provide 1 to 1.5 kg concentrate + 15 to 20 kg green fodder + 4 to 5 kg roughages per day for milch animals.</li> <li>Young goats provide 3 to 4 kg green fodder + 2 to 2.5 kg dry fodder + 300 g concentrate.,</li> <li>For boiler poultry bird 1<sup>st</sup> three week provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement.</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>