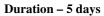


### Date: 23/02/2018 (02358) 282387





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

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# 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 ( <sup>0</sup> C)	33.0-35.0
Minimum temperature ( <sup>0</sup> 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					
FARANIETERS	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 ( <sup>0</sup> C)	34	34	34	35	35
Minimum temperature ( <sup>0</sup> 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	

Стор	Crop Stage	
Pulses crops	Vegetative stage	• 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.
Mango and Cashew	Plantation	• 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.
		• 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.
		• 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.
		<ul> <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>
Coconut,		<ul> <li>For control of adults and grubs of rhinoceros beetle, dust 2 % Methyl parathion powder after every 2</li> </ul>
Arecanut		month interval in FYM pits.
		• 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.
Vegetable crop and		• If incidence of hopper, aphids and thrips on vegetable crops <i>viz.</i> , brinjal, tomato, cabbage, chilli, knol knol etc., is noticed spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water.
watermelon		• Cucurbitaceous vegetables are in fruit bearing stage, install of Rakshak fruit fly traps developed by
crop		University @ 4 traps per ha area is advocated to control fruit fly in vegetables garden.
		• In watermelon crop if symptoms of wilting are observed then drenching of Carbandazim @ 1 gm. per lit. of water per vine.
		<ul> <li>Apply straw mulch or polythene mulch for water melon crops.</li> </ul>
Goats/ Milch animals/ Poultry		<ul> <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</li> </ul>
		<ul> <li>Provide 1 to 1.5 kg concentrate + 15 to 20 kg green fodder + 4 to 5 kg rougnages per day for mich 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>
Suggestion		• Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.