

**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 –23/02/2018 to 27/02/2018)

Rainfall (mm):	0.0
Total Rainfall (mm):	0.0
Total Rainfall (mm) (last year)	3633.5
Maximum temperature (°C)	32.2-36.4
Minimum temperature (°C)	13.5-17.0
Morning RH (%)	95-98
Afternoon RH (%)	62-73
Wind Speed (km/hr):	2.5-3.4
Total cloud cover (Octa)	0-2

Weather forecast until 08.30 hrs of 04/03/2018

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	28/02	01/03	02/03	03/03	04/03
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	37	36	35	36	38
Minimum temperature (°C)	19	19	19	19	19
Total cloud cover (Octa)	0	0	0	0	0
Relative Humidity Max. (%)	52	64	75	67	75
Relative Humidity Min. (%)	24	27	32	33	31
Wind Speed (Km/hr)	003	003	005	005	005
Wind Direction	62	245	162	34	34

: Agro-met Advisory:**Sky will be clear from 28th February to 4th March, 2018. Wind velocity range from 3 to 5 km/hr from 28th February to 4th March, 2018.**

Crop	Crop Stage	Agromet Advisory
Pulses crops	Vegetative stage	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 powdery mildew mix Hexaconazole 5% EC @ 5 ml or Sulphur 80% WP @ 20 gm per 10 lit of water. 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 for 10 lit of water. (These insecticide are not under label claim)
Coconut, Arecanut	--	<ul style="list-style-type: none"> For control of adults and grubs of rhinoceros beetle, dust 2 % Methyl parathion powder after every 2 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. Spray 1% Bordeaux mixture before rains or apply osety AL 0.3% (30 g/10 lit. water) + Urea Suphala 111 briquettes or Fosety AL 0.3% (30 g/10 lit. water) + Annapurana 76 briquettes per arecanut palm to avoid fungal immature fruit drop in coconut and Koleroga disease (immature nut drop) in arecanut.
Vegetable crop and watermelon crop	--	<ul style="list-style-type: none"> 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. 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. In watermelon crop if symptoms of wilting are observed then drenching of Carbandazim @ 1 gm. per lit. of water per vine. Apply straw mulch or polythene mulch for water melon crops.
Goats/ Milch animals/ Poultry	--	<ul style="list-style-type: none"> Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal. Planting of biennial and perennial forage crops for livestock like paragrass, hybrid napier, CO-3, yashwant etc. Provide 1 to 1.5 kg concentrate + 15 to 20 kg green fodder + 4 to 5 kg roughages per day for milch animals. Young goats provide 3 to 4 kg green fodder + 2 to 2.5 kg dry fodder + 300 g concentrate., For boiler poultry bird 1st three week provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement.
Suggestion	--	<ul style="list-style-type: none"> Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.