

**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 –05/03/2018 to 09/03/2018)

Rainfall (mm):	0.0
Total Rainfall (mm):	0.0
Total Rainfall (mm) (last year)	3633.5
Maximum temperature (°C)	35.2-37.4
Minimum temperature (°C)	13.5-15.4
Morning RH (%)	95-98
Afternoon RH (%)	51-73
Wind Speed (km/hr):	2.9-4.0
Total cloud cover (Octa)	2-4

Weather forecast until 08.30 hrs of 14/03/2018

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	10/03	11/03	12/03	13/03	14/03
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	34	35	35	35	36
Minimum temperature (°C)	21	21	22	22	22
Total cloud cover (Octa)	2	3	4	5	5
Relative Humidity Max. (%)	70	63	67	61	71
Relative Humidity Min. (%)	41	36	33	33	37
Wind Speed (Km/hr)	007	008	005	004	006
Wind Direction	195	142	65	211	184

: Agro-met Advisory:**Sky will be slightly cloudy from 10th to 14th March, 2018. Wind velocity range from 4 to 8 km/hr from 10th to 14th March, 2018.**

Crop	Crop Stage	Agromet Advisory
Pulses crops	Maturity stage	<ul style="list-style-type: none"> Harvest mature pulse crop early in morning or late in evening and dry it for 3 to 4 days in sunlight.
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. Next five days forecasted medium wind speed hence, support mango fruits bearing branches to avoid bark damage. To avoid damage from increasing temperature as well as damage from fruit fly, wrap paper bags to marble to development size clear mango fruit. 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). <p>(These insecticide are not under label claim)</p>
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. 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.