

**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 –19/03/2018 to 23/03/2018)

Rainfall (mm):	0.0
Total Rainfall (mm):	0.0
Total Rainfall (mm) (last year)	3633.5
Maximum temperature (°C)	33.2-37.0
Minimum temperature (°C)	14.5-22.0
Morning RH (%)	87-96
Afternoon RH (%)	48-88
Wind Speed (km/hr):	2.9-4.0
Total cloud cover (Octa)	2-4

Weather forecast until 08.30 hrs of 28/03/2018

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	24/03	25/03	26/03	27/03	28/03
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	34	35	34	33	33
Minimum temperature (°C)	22	23	23	23	23
Total cloud cover (Octa)	0	0	2	1	3
Relative Humidity Max. (%)	49	59	63	71	85
Relative Humidity Min. (%)	47	45	45	48	50
Wind Speed (Km/hr)	007	007	005	008	005
Wind Direction	100	139	124	179	125

: Agro-met Advisory:**Sky will be slightly cloudy from 26th to 28th March, 2018. Wind velocity range from 5 to 8 km/hr from 24th to 28th March, 2018.**

Crop	Crop Stage	Agromet Advisory
Groundnut	Flowering	<ul style="list-style-type: none"> Due to increasing rate of evaporation irrigate the groundnut crop at an interval of 8-10 days after sowing. If crop is one month old & flowering has been started, then earthing up should be done on flat bed with the help of "Swastik" hoe developed by the university. Rolling of empty drum 45-60 days after sowing for better penetration of pegs & pod setting is advocated.
Pulses crops	Harvesting	<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. Stored dried grain in proper manner.
Mango and Cashew	Fruit Development	<ul style="list-style-type: none"> Due to temperature and humidity 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. There is forecasted high wind speed in next five days hence, support mango fruits bearing branches to avoid fruit drop and bark damage. It is also advised to protect newly planted fruit orchards from high wind speed by giving support to seedlings. To avoid damage from 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 Diamethoate 30 % EC @ of 10 ml or Lambda Cyhalothrin @5% E.C. @ of 6 ml per 10 liter of water If incidence of Anthracnose is observed on Alphonso mango, spray Thyophenate methyl 1 gm or Carbendazim @ 10 gm or Propineb @ 20 gm or Carbendazim 12% + Mancozeb 63% @ 10 g per of any one fungicides for 10 lit of water. Clean dried mango inflorescences from mango tree to avoid incidence of Anthracnose. There is possibility of incidence of Mango fruit fly, install 'Rakshak fruit fly traps' developed by University @ 4 traps per ha. area. 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	Fruiting Stage	<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.
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.