No. 06/2018 **Date: 19/01/2018** (02358) 282387 **Duration – 5 days**

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

Dr. Subhash Chavan, Head, Department of Agronomy 9422431067

Dr. D.N. Jagtap, Nodal Officer, Department of Agronomy 9403988143

Prof. Viresh Chavan, Technical Officer, Department of Agronomy 9422065344

Significant past weather for the preceding week (Period –15/01/2018 to 19/01/2018

Rainfall (mm):	0.0
Total Rainfall (mm):	0.0
Total Rainfall (mm) (last year)	3633.5
Maximum temperature (^{0}C)	33.8-35.0
Minimum temperature (^{0}C)	13.0-18.8
Morning RH (%)	96-98
Afternoon RH (%)	55-75
Wind Speed (km/hr):	1.9-3.3
Total cloud cover (Octa)	0-6

Weather forecast until 08.30 hrs of 24/01/2018

PARAMETERS	Day–1	Day–2	Day–3	Day – 4	Day – 5
	20/01	21/01	22/01	23/01	24/01
Rainfall (mm)	0	0	0	0	0
Maximum temperature (^{0}C)	35	35	34	32	30
Minimum temperature (^{0}C)	19	19	19	19	18
Total cloud cover (Octa)	1	0	0	1	1
Relative Humidity Max. (%)	52	51	55	55	63
Relative Humidity Min. (%)	34	30	28	31	37
Wind Speed (Km/hr)	007	006	004	003	010
Wind Direction	73	73	72	76	16

: Agro-met Advisory:

Sky will be slightly cloudy on 20th, 23rd and 24th January, 2017. Wind velocity range from 3 to 10 km/hr from 20th to 24th January, 2017.

Crop	Crop Stage	Agromet Advisory
Pulses crops	Vegetative stage	• If incidence of aphids and leaf minor is observed on pulse crops, spray 10 ml Dimethoate per 10 lit. of water at an interval of 15-20 days.
Mango and Cashew	**Plantation**	• Due to the variation of minimum temperature in last as well as forecasted period it is possibility to recurrent flowering in Alphonso mango to save precious early crop one spray of GA_3 50 ppm (1 gm per 20 lit of water) on whole tree for controlling recurrent flowering. • If incidence of mango hopper is noticed spray Imidachloprid 17.8% SL. @ of 3 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). (These insecticide are not under label claim)
Coconut, Arecanut	--	• For control of adults and grubs of rhinoceros beetle. dust the FYM pits with 2 % Methyl parathion powder after every 2 month interval. • 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 watermelon crop	--	• For control of bacterial wilt of chilli, brinjal and tomato seedling, spray Copper Oxychloride @ 20 to 25 g/10 lit of water on seedbed after sowing of seeds. Also apply Carbarly or Lindane powder on side of seedbed to control against ant. • There is possibility for incidence of powdery mildew, spray Hexaconazole 5% EC 5 ml or Sulphur 80% WP @ 20 g per 10 lit. of waters. • If incidence of hopper, aphids and thrips is observed in *rabi* vegetable nursery *viz*., brinjal, tomato, cabbage, chilli, knol knol etc., apply 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	--	• Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal. • Protect the animals/poultry birds from low temperature by providing curtains and electric bulbs as per the need.
Suggestion	--	• Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.