No. 08/2017 **Date: 27/01/2017** (02358) 282387 **Duration – 5 days**

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

Dr. Uttam Mahadkar,	**Dr. D.N. Jagtap,**	**Prof. Vaibhav Rajemahadik,**
Head,	Nodal Officer,	Technical Officer,
Department of Agronomy	Department of Agronomy	Department of Agronomy
9422791998	9403988143	9420673267

Significant past weather for the preceding week (Period –23/01/2016 to 27/01/2017)

Rainfall (mm):	
Total Rainfall (mm):	
Total Rainfall (mm) (last year)	
Maximum temperature (^{0}C)	
Minimum temperature (^{0}C)	
Morning RH (%)	
Afternoon RH (%)	
Wind Speed (km/hr):	
Total cloud cover (Octa)	

Weather forecast until 08.30 hrs of 01/02/2017

PARAMETERS	Day–1	Day–2	Day–3	Day – 4	Day – 5
	28/01	29/01	30/01	31/01	01/02
Rainfall (mm)	0	0	0	0	0
Maximum temperature (^{0}C)	31	32	32	31	31
Minimum temperature (^{0}C)	18	18	18	19	19
Total cloud cover (Octa)	0	0	0	0	0
Relative Humidity Max. (%)	59	59	65	64	58
Relative Humidity Min. (%)	49	46	47	50	46
Wind Speed (Km/hr)	009	009	006	009	010
Wind Direction	54	65	43	331	313

: Agro-met Advisory:

Sky will be clear from 28th to 01st February, 2017. Wind velocity range from 6 to 10 kmph on 28th to 01st February, 2017.

Crop	Crop Stage	Agromet Advisory
Mango and Cashew	Flowering Stage	• For control of Mango hoppers spraying may be done on new vegetative flush of mango of 25% cypermethrin @ 4 ml per 10 lit of water or 20% fenvelerate @ 5 ml per 10 lit. of water or 2.8% decamethrin @ 9 ml per 10 lit. of water or Neembicidine 1000 ppm @ 20 ml per 10 lit. of water is suggested. • If the incidence of Cashew Stem and Root Borer (CSRB) is noticed in Cashew, remove the grubs from the holes with the help of 15 mm chisel and apply Chloropyriphos 20 EC @ 10 ml per litre of water on the stem (swabbing) and pour remaining solution around the stem near to the roots. • It is necessary to protect new emerging flush of cashew from Tea mosquito bug as well as leaf minor, by spraying it with monocrotophos 36% (15 ml in 10 lit. of water) or profenophos 15% (10 ml. in 10 lit. of water) or lambda cyhellothrin 5% (6 ml in 10 lit. in water)..
Coconut, Arecanut	--	• Spraying the FYM pits with 0.2 % Carbaryl for control of adults and grubs of rhinoceros beetle. • To control red palm weevil affected coconut, fill the holes made by RPW with 10 per cent Carbaryl dust and sand mixture. 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 + 20 ml water with the help of plastic funnel in the hole and close the hole with the help of cement. • Prepare water channels to drain out excess water from coconut and arecanut garden during rainy season.
Vegetable	Vegetative Stage	• If incidence of hopper, aphids and thrips is observed in *rabi* vegetable nursery *viz*., brinjal, tomato, cabbage, chilli, knol knol etc., spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water. • If 5 to 6 weeks completed after sowing of brinjal and chill crops then seedling are ready for transplanting. At the time of transplanting the seedlings may be deep in Dimethoate @ 10 ml/10 lit. of water and transplanted on ridges of main field with spacing of 60 x 60 cm.
Watermelon Cultivation	--	• In watermelon crop if symptoms of wilting is 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. • Planting of binneal forage crops like Paragrass, Napier, Gajraj etc is advocated. • 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.