Agromet Advisory Service Bulletin for Raigad District
(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
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No. 16/2019 **Date: 22/02/2019** **Duration – 5 days**

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Significant past weather for the preceding week (Period –16/02/2019 to 22/02/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 27/02/2019				
16/02	17/02	18/02	19/02	20/02	21/02	22/02		23/02	24/02	25/02	26/02	27/02
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	0	0	0	0	0
33.6	34.2	34.8	36.8	36.5	39.5	-	Maximum temperature (^{o}C)	28	29	28	28	27
12.0	12.6	13.8	13.6	15.4	18.5	-	Minimum temperature (^{o}C)	21	22	21	20	18
0	0	0	0	0	0	-	Cloud cover (Octa)	0	0	1	1	3
89	81	78	76	88	92	-	Relative Humidity Max.(%)	59	50	58	62	62
15	15	16	23	19	28	-	Relative Humidity Min. (%)	48	42	39	38	50
3.4	3.0	3.6	4.6	2.7	4.7	-	Wind speed (Km/hr)	10	11	9	6	8
0	0	0	0	0	0	-	Wind direction	162	332	352	185	190

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year
0.0	0.0	3558.3

Agro-met Advisory
It is wind velocity range from 23rd to 27th February, 2019.

Crop	Stage	Agro Advise
Summer rice	**Tillering**	• Carry out weeding operation also apply 2nd dose of nitrogen 40 kg ha^{-1} (Urea 87 kg ha^{-1}) to rice crop at time of tillering. • Maintain optimum water level of 5-10 cm in rice field.
Groundnut	**Flowering and peg stage**	• Due to increasing rate of evaporation irrigate the groundnut crop at an interval of 8-10 days.
Lablab bean	**Harvesting**	• Harvest mature lablab bean pod and dry it for 4 to 5 days in sunlight and then follow threshing or harvest the pods along with plant and dry for 3 to 4 days in sunlight. After drying follow threshing of pods. Stored dried grain in proper manner.
Mango	**Flowering and Fruiting**	• 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 for 3 to 4 times to reduce fruit drop and increase the size of fruits. Also use straw mulch to reduce evaporation. • For increasing the production and quality improvement of fruits of mango, spray 1 % Potassium nitrate at pea stage, marble stage and arecanut size fruit stage. • Provide support to newly planted mango graft, as there is forecast of high wind speed.
Coconut	**-**	• To control the attack of red palm weevil on coconut, collect and destroy the grubs from whole appear on infected trunk. 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 with the help of plastic funnel in the hole and close the hole with the help of cement. • Due to increase in maximum temperature, provide irrigation to coconut orchard at 8-10 days interval.
Vegetables/ Fruit crop nursery	**Fruiting**	• Install 'Rakshak' trap @ 4 nos. per ha in cucurbitaceous crop for effective control of fruit fly. • Carry out sowing operation of okra at a spacing of 45 X 15 cm. apply 15 tonne of FYM, 72 kg urea, 313 kg single super phosphate and 83 kg muriate of potash per hectare. • Provide irrigation to fruit crop nursery, vegetable crops.
Milch animal /goat/poultry	**-**	• Provide clean and hygienic drinking water to farm animals. • The temperatures during day are increasing hence protect poultry birds from heat. • 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.

This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of "Gramin Krishi Mausam Sewa (GKMS)" Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli. For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.