Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
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Significant past weather for the preceding week (Period –11/03/2020 to 17/03/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 22/03/2020				
11/03	12/03	13/03	14/03	15/03	16/03	17/03		18/03	19/03	20/03	21/03	22/03
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
30.0	30.2	30.0	29.8	34.0	35.0	36.0	Maximum temperature (^{o}C)	34	33	33	33	32
16.5	16.0	15.0	14.0	13.5	16.0	17.0	Minimum temperature (^{o}C)	22	21	21	21	21
0	0	0	0	0	0	0	Cloud cover (Octa)	1	2	0	0	1
90	85	88	90	91	88	85	Relative Humidity Max. (%)	70	72	72	72	74
55	54	50	47	45	48	-	Relative Humidity Min. (%)	64	66	66	66	65
4.5	5.3	5.6	5.0	3.9	2.9	3.6	Wind speed (Km/hr)	5	6	7	4	5
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	ESE	SE	SSE	SE	E

Rainfall (mm) in last week	Rainfall (mm) from 01/01/2020 to till dated	Total Rainfall (mm) in last year
0.0	0.0	5130.9

Agro-met Advisory

There will be increase in maximum and minimum temperature and Sky remain clear from 18th to 22nd March, 2020.

Crop	Stage	Agro Advise
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	**Fruiting**	• To minimize the pre-mature fruit drop of mango, apply 150 to 200 liter of water per tree after fruit setting (pea size) at 15 days interval for 3 to 4 times also use straw mulch to reduce evaporation losses. • To improve production and quality of mango fruits, spray 1% Potassium nitrate at pea, marble and egg fruit stages. • The pre-harvest bagging with newspaper bag of size 25 X 20 cm at marble to egg stage as per recommendation of D.B.S.K.K.V. helps to reduce the fruit drop, increases the fruit weight, pulp weight, produce spongy tissue free fruit, controls attack of fruit fly on fruits and produces spotless fruits of mango.
Cashewnut	**Flowering to fruiting**	• There is possibility of incidence of tea mosquito bug and thrips on new vegetative flush of cashewnut, to protect the flush of cashew spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water. • There is possibility of incidence of tea mosquito bugs and thrips on the inflorescence of cashewnut, to protect the cashew inflorescence, spray Profenophos 50% EC @10 ml per 10 liter of water and for control of incidence of tea mosquito buds and thrips during fruit bearing stage of cashewnut, spray Lambda cyhalothrin 5% EC @6 ml per 10 liter of water. (insecticide is not under label claim) • If nuts are ready for harvesting, harvest the matured nuts and sun dry for 7 to 8 days to bring down moisture content and then stored in dry places.
Coconut	**--**	• Due to forecast for increase in temperature, provide irrigation to coconut orchard at 5-6 days interval also use straw mulch to reduce evaporation losses.
Arecanut	**--**	• Due to forecast for increase in temperature, provide irrigation to arecanut orchard at 4-5 days interval also use straw mulch to reduce evaporation losses.
Sapota	**Flowering to fruiting**	• Due to forecast for increase in temperature, provide irrigation to sapota orchard at 5-6 days interval. also use straw mulch to reduce evaporation losses. • There is possibility of incidence of seed borer on sapota, if incidence is noticed, spray Profenophos 50% EC @ 15 ml or Indoxacarb 14.5% SC @ 5 ml or Novaluron 10%EC @ 5 ml or Deltamethrin 2.8 EC @ 10 ml insecticide per 10 liter of water. Harvest all matured fruits before spraying.
Brinjal	**Fruiting**	• There is possibility of incidence of shoot and fruit borer on Brinjal, if incidence is noticed, collect and destroy all infected shoots and fruits and spray Fenvalerate @10 ml or Deltamethrin 2.8%EC @ 10 ml per 10 liter of water.
Okra	**Fruiting**	• There is possibility for incidence of shoot and fruit borer on okra, if incidence is noticed collect and destroy all infected shoots and fruits and spray Cypermethrin 25%EC @ 3 ml or Lambda cyhalothrin 5%EC @ 6 ml per 10 liter of water.

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.