



Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
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Duration – 5 days

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Significant past weather for the preceding week (Period –06/02/2019 to 12/02/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 17/02/2019				
06/02	07/02	08/02	09/02	10/02	11/02	12/02		13/02	14/02	15/02	16/02	17/02
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
33.4	30.0	28.0	26.4	29.4	32.2	33.4	Maximum temperature (°C)	32	34	32	32	31
15.5	10.0	12.0	4.5	8.0	11.0	15.0	Minimum temperature (°C)	21	20	19	18	17
0	0	0	0	0	0	0	Cloud cover (Octa)	1	1	0	0	0
91	88	81	91	89	88	90	Relative Humidity Max. (%)	51	62	64	68	54
64	61	62	61	62	62	-	Relative Humidity Min. (%)	31	34	32	30	21
3.4	4.7	6.9	6.4	5.2	1.4	2.8	Wind speed (Km/hr)	7	5	6	7	5
calm	calm	calm	calm	calm	calm	calm	Wind direction	80	142	123	143	73
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
0.0						0.0		3071.8				

Agro-met Advisory

There will be normal weather condition from 13th to 17th February, 2019. Wind velocity range from 5 to 7 Km/h from 13th to 17th February, 2019.

Crop	Stage	Agro Advise
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. Rolling of empty drum 45-60 days after sowing for better penetration of pegs & pod setting is advocated.
Pulse crop	Pod stage	<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	Flowering and Fruiting	<ul style="list-style-type: none"> There is possibility for incidence of hoppers and anthracnose disease on mango tree. Therefore it is advise to spray Thiomethoxam 25%WG @ 1gm for control the incidence of mango hoppers + Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm for control of powdery mildew + Carbendazim 12% +Mancozeb 63% @ 10 gm for control of anthracnose disease per 10 liter of water. Due to forecast for increase in maximum temperature, there is possibility for pre-mature fruit drops of mango, therefore it is advise to spray 2% urea (200 gm per 10 liter of water) by mixing into insecticide solution of 4th to 6th spray blossom protection schedule of mango. or spray mango tree with 1% potassium nitrate solution (1 kg KNO₃ per 100 liter of water) Care should be taken to add completely dissolved solution of urea in insecticide. Apply 150 to 200 liter of water per tree after fruit setting in mango at an 15 days interval for 3 to 4 times to avoid the pre-mature fruit drop. The pre harvest bagging with News paper bag at marble stage increases the fruit weight, pulp weight, produce spongy tissue free fruit, controls incidence of mealy bag on fruits and produces spotless fruits of mango.
Cashewnut	Fruiting	<ul style="list-style-type: none"> There is possibility of incidence of tea mosquito bug and thrips during fruit bearing stage of cashewnut, if incidence is noticed spray Lambda cyhalothrin 5%EC @6 ml per 10 liter of water. (insecticide is not under label claim) Provide irrigation to newly planted cashewnut orchard and use straw mulch to reduce evaporation. Provide support to newly planted cashew graft, as there is forecast of high wind speed.
Coconut	-	<ul style="list-style-type: none"> For above five year old coconut palm apply 3rd dose of 750 gm urea and 667 gm muriate of potash in circular basin of 1.5 to 1.8 meter from the base of palm, incorporate in soil and irrigate.
Arecanut	-	<ul style="list-style-type: none"> Provide irrigation to arecanut orchard at 7-8 days interval.
Spice crop	Harvesting	<ul style="list-style-type: none"> Cary out harvesting of black paper by picking the whole spikes by hand, when few berries in the spike start turning yellow or red. The berries are separated and dipped in hot water (80°C) for one minute and sun dried for 3 to 4 days.
Vegetables/ Fruit crop nursery	Fruiting	<ul style="list-style-type: none"> Follow earthing up operation in Okra, Brinjal, Tomato, Chilli etc. vegetable crops. Also provide support to crop as there is forecast of high wind speed. Carryout harvesting of the vegetable those are in proper stage of harvesting. Provide irrigation to fruit crop nursery, vegetable crops.
Milch animal /goat/poultry	-	<ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals. Medication against ticks in farm animal under the guidance of veterinary officer is advocated.

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.

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