



Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
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Duration – 5 days

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Significant past weather for the preceding week (Period –08/02/2020 to 14/02/2020)							Weather Parameters		Weather forecast until 08.30 hrs of 19/02/2020				
08/02	09/02	10/02	11/02	12/02	13/02	14/02			15/02	16/02	17/02	18/02	19/02
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	0	0	0
27.0	29.0	31.0	33.0	34.0	34.4	34.0	Maximum temperature (°C)		36	34	36	35	34
10.5	13.0	16.0	18.0	17.0	16.0	16.5	Minimum temperature (°C)		22	21	23	22	22
0	0	0	0	0	0	0	Cloud cover (Octa)		0	0	0	0	0
95	93	86	92	92	92	92	Relative Humidity Max. (%)		56	56	55	52	59
57	54	46	51	51	50	-	Relative Humidity Min. (%)		28	28	26	25	25
3.9	2.7	4.1	3.2	2.4	3.5	3.2	Wind speed (Km/hr)		5	5	4	3	3
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction		NE	ENE	E	ENE	ENE
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 is possibility of increase in maximum and minimum temperature from 15th to 19th February, 2020 and sky will be clear.

Crop	Stage	Agro Advise
Groundnut	Pegging	<ul style="list-style-type: none"> Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation rate, hence provide irrigation to the groundnut crop.
Lablab bean	Pod stage	<ul style="list-style-type: none"> Due to forecast for increase in temperature provide irrigation to lablab bean crop which is in pod filling stage.
Mango	Flowering to fruiting	<ul style="list-style-type: none"> To protect the flower bud of mango from hoppers, thrips and powdery mildew diseases, as per blossom protection schedule for mango crop, take a third spray of Imidacloprid 17.8% SL @ 3 ml per 10 liter of water before the flower opening (15 days after 2nd spray) to avoid the adverse effect on pollinators. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew disease. To protect the pea size fruits of mango from hoppers, thrips and powdery mildew diseases, as per blossom protection schedule for mango crop, take a fourth spray of Thiomethoxam 25%WG @ 1 gm per 10 liter of water (15 days after 3rd spray) Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew. There is forecast for decrease in humidity and increase in temperature in during next five days, hence to minimize the pre-mature fruit drop of mango, apply 150 to 200 liter of water per tree after fruit setting 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. Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to newly planted mango orchard also use straw mulch to reduce evaporation losses.
Cashewnut	Nut stage	<ul style="list-style-type: none"> There is possibility of incidence of tea mosquito bugs and thrips on the fruits of cashewnut, to protect the cashew during fruit bearing stage, spray Lambda cyhalothrin 5% EC @6 ml per 10 liter of water. (insecticide is not under label claim). Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to newly planted cashewnut orchard also use straw mulch to reduce evaporation losses.
Coconut	--	<ul style="list-style-type: none"> Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to coconut orchard also use straw mulch to reduce evaporation losses. Provide shed to newly planted coconut orchard.
Arecanut	-	<ul style="list-style-type: none"> Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to arecanut orchard.

Fruit crop nursery	Seedling	<ul style="list-style-type: none"> • Due to forecast for decrease in humidity and increase in temperature may leads to accelerate evaporation, hence provide irrigation to fruit crop nursery. • Keep the fruit crop nursery area free removing weeds also provides shed to nursery seedlings.
Milch animal /goat	-	<ul style="list-style-type: none"> • Provide clean, hygienic and plenty amount of drinking water to farm animals. • To protect animals from heat, sprinkle cold water on animals during the afternoon, it will help to maintain the body temperature.
Poultry	-	<ul style="list-style-type: none"> • There is possibility for increases in temperature during day hence protect poultry birds from heat. • In poultry shed, increase the water pot and provide adequate and clean water for drinking. Also, feed should be given in the morning or evening hours.
<p>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.</p>		