



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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Duration – 5 days

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Significant past weather for the preceding week (Period –19/02/2020 to 25/02/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 01/03/2020				
19/02	20/02	21/02	22/02	23/02	24/02	25/02		26/02	27/02	28/02	29/02	01/03
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
35.5	34.6	33.2	34.8	34.4	35.6	34.3	Maximum temperature (°C)	35	36	36	37	37
15.7	15.4	15.4	15.7	15.5	15.0	13.5	Minimum temperature (°C)	19	19	18	19	19
0	0	0	0	0	0	0	Cloud cover (Octa)	0	0	0	0	0
88	92	94	86	90	92	91	Relative Humidity Max. (%)	63	63	61	67	67
43	50	44	42	43	36	-	Relative Humidity Min. (%)	20	28	26	23	27
3.0	2.8	2.8	3.5	2.7	3.0	2.9	Wind speed (Km/hr)	9	7	6	4	3
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	ENE	E	E	ENE	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 is possibility of increase in maximum temperature and sky remains clear from 26th February to 1st March, 2020.

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. There is possibility for incidences of leaf spot (Tikka) in groundnut, if incidence is notice, spray 1% bordomixture or 0.2% Mancozeb or 0.1% carbendazim at an interval of 10 days.
Lablab bean	Harvesting	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> To protect the fruits of mango from hoppers, thrips and powdery mildew disease, as per blossom protection schedule for mango, it is advise to take fifth spray (15 days interval after 4th spray) of Dimethoate 30%EC @ 10 ml or Lambda cyhalothrin 5%EC @ 6 ml + Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm mildew per 10 liter of 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.
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. There is forecast for increase in temperature, hence provide shed to the newly planted coconut orchard to protect from sun scorching.
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.
Okra	Flowering	<ul style="list-style-type: none"> There is possibility of incidence of aphids on okra crop which develop into growth of black fungus on leaves and inflorescence. If incidence is noticed, collect and destroy all infected shoots and leaves, spray Dimethoate 30%EC@10 ml per 10 liter of water. Also use yellow sticky cards in field to attract sucking pest.
Water melon	Flowering to fruiting	<ul style="list-style-type: none"> Install cue lure 'Rakshak' trap @ 4nos. per hectare at the time of initiation of flowering in watermelon crop for effective control of fruit fly. Collect and destroy all infected fruits.

Fruit crop nursery	Vegetative	<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 weed free 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. • 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.
Poultry	-	<ul style="list-style-type: none"> • There is possibility for increase 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. • To protect the birds from Ranikhet disease, vaccination against Ranikhet disease in poultry birds under the supervision of veterinary officer is advocated.
<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>		