



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 –01/06/2019 to 07/06/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 12/06/2019				
01/06	02/06	03/06	04/06	05/06	06/06	07/06		08/06	09/06	10/06	11/06	12/06
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	15	2	12	10	11
33.8	34.4	34.5	33.4	34.4	34.6	34.0	Maximum temperature (°C)	34	35	35	34	36
24.5	25.0	25.0	25.0	26.5	26.0	25.3	Minimum temperature (°C)	27	27	27	28	29
4	4	2	4	6	4	6	Cloud cover (Octa)	8	6	8	7	8
81	85	80	82	89	83	78	Relative Humidity Max. (%)	88	91	90	85	76
60	61	60	63	60	60	54	Relative Humidity Min. (%)	52	53	59	54	56
5.4	5.5	5.6	6.1	7.3	7.4	5.9	Wind speed (Km/hr)	6	5	5	5	14
Calm	Calm	Calm	E	SW	W	W	Wind direction	205	225	170	113	125
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 is possibility for rainfall from 8th to 12th June, 2019 also sky will remain cloudy.

According to NDVI, Agriculture vigour is moderate and according to SPI, severely dry condition experienced in Ratnagiri district.

Crop	Stage	Agro Advise
Kharif rice	Nursery preparation	<ul style="list-style-type: none"> During next five days there is forecast for rainfall it is advice to complete sowing of rice nursery. Recommended seed rate for paddy is 50 to 60 kg ha⁻¹, for bold varieties 35 to 40 kg ha⁻¹, for fine varieties and 20 kg ha⁻¹ for hybrid varieties. Follow seed treatment with thiram fungicide @2.5/kg seed before sowing. Apply 1 kg urea and 3 kg SSP per guntha of nursery bed at the time of sowing. To reduce weed intensity, apply oxadiagyl 6% EC @ 3 ml. per liter of water uniformly on wet nursery beds.
Finger millet	Nursery preparation	<ul style="list-style-type: none"> For raising of finger millet nursery, plough the nursery area and bring the soil to fine tilth, add FYM@250 kg per guntha area. Prepare raised bed of 120 cm. breadth at bottom and 90 cm. on top along the slope of land. Convenient length of raised bed should be kept according to the land slope.
Mango	Vegetative	<ul style="list-style-type: none"> After complete harvest of mango fruits from high density (5 X 5 m or 6 X 4 m) orchard, go for light pruning. It includes detopping, pruning of cross branches and removing of dead wood. The height of high density orchard should be maintained at 80% of row distance.
Coconut	-	<ul style="list-style-type: none"> During rainy season due to increase in humidity, there is possibility for fruit drop due to fungal disease in coconut palm. To prevent the incidence of fungal disease, spray 1% bordomixture on coconut palm before start of rainy season. Repeat the spray after one month.
Arecanut	-	<ul style="list-style-type: none"> During rainy season due to increase in humidity, there is possibility for incidence of 'koleroga' disease in arecanut orchard. To prevent the incidence of fungal disease, clean the arecanut plant by removing dry leaves and other material and spray 1 % bordomixture before start of rainy season. In addition to this for effective management of 'koleroga' disease, select feeding root of arecanut plant then take slant cut to the tip of the root. Prepare 0.3 % solution of Fosetyl – Al by mixing 3 gm. per liter. Fill the two plastics bags with 100 ml. above prepare solution and dip the above selected roots in to the plastics bag ensuring the cut portion will always remain in the solution. Tie the bag to the roots. Give 1st dose of this fungicide before start of monsoon.
Sapota	-	<ul style="list-style-type: none"> During rainy season due to increase in humidity, there is possibility for fruit drop due to fungal disease. To prevent the incidence of fungal disease, clean the sapota tree by removing all diseased and dried branches and apply 1 % bordopaste on the cut portion of tree. Also spray 1% bordomixture on to tree before start of rainy season. Repeat the spray twice at 15-20 days interval.
Milch animal /goat/poultry	-	<ul style="list-style-type: none"> Provide clean, hygienic and plenty amount of drinking water to farm animals and

		<p>poultry birds. To reduce the stress of heat in farm animals, provide roughages by mixing with solution of 1% jaggery and 0.5% salt separately.</p> <ul style="list-style-type: none">• There is forecast for increase in temperature, hence protect animals and poultry birds from heat by covering roof of the shed with insulating materials such as paddy straw, dry coconut leaves and make arrangement for sprinkle cold water on the roof of shed during afternoon time. Use wet gunny bags as side curtains to protect animals and poultry birds from direct hot winds.
<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>		