



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 –07/10/2020 to 13/10/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 18/10/2020				
07/10	08/10	09/10	10/10	11/10	12/10	13/10		14/10	15/10	16/10	17/10	18/10
0.0	0.0	6.4	0.0	5.4	1.0	9.6	Rainfall (mm)	41	77	30	40	15
31.5	31.3	32.5	31.0	31.6	29.5	29.6	Maximum temperature (°C)	34	34	33	33	32
22.5	23.4	23.0	25.0	22.8	22.7	22.0	Minimum temperature (°C)	25	24	26	26	25
2	4	4	6	6	8	8	Cloud cover (Octa)	8	8	7	8	7
93	98	95	95	95	91	95	Relative Humidity Max. (%)	94	95	96	95	95
79	80	80	88	87	86	-	Relative Humidity Min. (%)	76	90	89	82	85
3.2	3.9	3.6	2.3	0.3	2.2	2.2	Wind speed (Km/hr)	6	12	7	9	9
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	SW	W	S	S	SSE
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
22.4				4015.5				5130.9				

Weather summary

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of moderate to heavy rainfall from 14 th to 18 th October, 2020 at a many place over Ratnagiri district.
Warning	Thunderstorm accompanied with lighting and heavy to very heavy rainfall likely to occur at isolated places on 14 th October, 2020 and heavy to very heavy rainfall likely to occur at isolated places on 16 th October, 2020 at isolated places in Ratnagiri district.
ERFS	As per ERFS products above normal rainfall may occur in Konkan division during 18 th to 24 th October, 2020.

Crop	Stage	Agromet Advisory based on weather forecast
Kharif rice	Grain filling (late varieties), maturity (early and midlate)	<ul style="list-style-type: none"> • There is forecast of moderate rainfall, harvest the matured rice varieties during clear weather (no rainfall), keep threshed grains in protective shed for drying after immediate threshing. • Maintain the optimum water level of 5 cm in late rice varieties field and make arrangement to drain out water from mid-late rice field.
Finger millet	Maturity	<ul style="list-style-type: none"> • Due to forecast of moderate rainfall, harvest the matured varieties of finger millet crop during clear weather (no rainfall) by cutting of ear head with sickle and dry in the safe and protective shed. Follow threshing after drying.
Mango	Vegetative	<ul style="list-style-type: none"> • Due to forecast of moderate rainfall, postpone the pruning operation in old unproductive and high-density mango orchard. • Due to forecast of moderate rainfall, postpone the protective spraying operation against pest, disease on new vegetative flush of mango.
Cashewnut	Vegetative	<ul style="list-style-type: none"> • Due to forecast of moderate rainfall, postpone the protective spraying operation against pest, disease on new vegetative flush of cashewnut.
Coconut	Fruiting	<ul style="list-style-type: none"> • Due to forecast of moderate rainfall, postpone the spraying operation for control of eriophyid mite and rugose spiraling white fly on coconut. • Due to forecast of moderate rainfall, make arrangement for drain out excess water from coconut orchard.
Arecanut	Fruiting	<ul style="list-style-type: none"> • Due to forecast of moderate rainfall, make arrangement for drain out excess water from arecanut orchard.
Water melon	Sowing	<ul style="list-style-type: none"> • Due to forecast of moderate rainfall, postpone the sowing of watermelon crop.
Okra	Sowing	<ul style="list-style-type: none"> • Due to forecast of moderate rainfall, postpone the sowing of okra crop.
Vegetable nurseries / new fruit crop plantation	Vegetative	<ul style="list-style-type: none"> • Due to forecast of moderate rainfall, make arrangement for drain out excess water from vegetable crops nurseries and newly planted fruit crop orchard. • As there is forecast for increase in wind speed, provide mechanical support to newly planted fruit crop.
Milch animals/Goat	--	<ul style="list-style-type: none"> • Due to forecast for thunderstorm along with lighting at isolated places over district, Keep farm animals at safe place and away from open water, pond or river.
Poultry	-	<ul style="list-style-type: none"> • Protect the poultry birds from thunderstorm and high wind speed. • For boiler poultry bird upto three-week-old bird, provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement.

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| | | <ul style="list-style-type: none">• Vaccination against Newcastle disease (Ranikhet) to 4 -5 days old chicks under supervision of veterinary officers is advocated. |
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Note : Spray insecticide or fungicide solution and apply fertilizers during clear weather (no rainfall). Mix sticker into spraying solution.

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.