



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 –29/07/2020 to 04/08/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 09/08/2020				
29/07	30/07	31/07	01/08	02/08	03/08	04/08		05/08	06/08	07/08	08/08	09/08
0.0	32.4	5.2	6.4	44.2	27.8	121.2	Rainfall (mm)	165	98	74	80	39
30.0	29.2	29.8	29.8	29.0	29.5	28.5	Maximum temperature (°C)	27	27	28	28	30
23.7	24.0	24.0	23.3	23.5	23.5	24.0	Minimum temperature (°C)	24	24	25	25	25
6	4	6	4	4	4	6	Cloud cover (Octa)	8	8	8	6	8
98	98	98	93	93	93	100	Relative Humidity Max. (%)	92	92	92	92	93
87	78	85	78	83	95	-	Relative Humidity Min. (%)	90	89	89	84	86
2.7	2.8	4.0	5.1	5.0	6.5	13.0	Wind speed (Km/hr)	27	23	21	15	14
Calm	SW	Calm	Calm	Calm	SW	W	Wind direction	WSW	W	WSW	WSW	W
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
237.2				2434.5				5130.9				

Weather summary

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of moderate to very heavy rainfall at most places from 5 th to 9 th August, 2020 over Ratnagiri district. Also, possibility of increase in wind speed.
Warning	Heavy to very heavy rainfall likely to occur at few places with extremely heavy rainfall likely to occur at isolated places on 4 th and 5 th August 2020. Heavy to very heavy rainfall likely to occur at isolated places on 6 th August, 2020 and heavy rainfall likely to occur at isolated places on 7 th and 8 th August, 2020 in Ratnagiri district.
ERFS	As per ERFS products above normal rainfall may occur in Konkan division during 9 th to 15 th August, 2020.

Crop	Stage	Agromet Advisory based on weather forecast
General advice	-	<ul style="list-style-type: none"> Due to forecast of heavy rainfall, make arrangement for drain out excess water from coconut, arecanut, sapota orchard, vegetable crops and fruit crop nurseries. Due to forecast of increase in wind speed, provide support to newly planted fruit crop orchard.
Kharif rice	Tillering	<ul style="list-style-type: none"> Due to forecast of heavy rainfall, make arrangement for drain out excess water from rice field and maintain optimum water level of 2.5 to 5 cm in rice field. Due to forecast of heavy rainfall, postpone application of second split dose of nitrogenous fertilizers @ 35 kg urea per acre to rice crop at tillering stage. Apply fertilizer after 8th August, 2020 when intensity of rainfall is low.
Mango	Vegetative	<ul style="list-style-type: none"> Due to forecast of heavy rainfall, postpone Paclobutrazol application in Mango orchard. Apply after 8th August, 2020 when intensity of rainfall is low. Due to forecast of heavy rainfall, postpone the spraying of fungicides for control anthracnose disease on new flush of mango in re-established orchard those disturb due to Nisarg cyclone. Spray after 8th August, 2020 when intensity of rainfall is low.
Cashewnut	Vegetative	<ul style="list-style-type: none"> Due to forecast of heavy rainfall, postpone fertilizer application in cashewnut orchard. Apply after 8th August, 2020 when intensity of rainfall is low. Due to forecast of heavy rainfall, postpone the spraying of fungicides for control anthracnose disease on new flush of cashewnut in re-established orchard those disturb due to Nisarg cyclone. Spray after 8th August, 2020 when intensity of rainfall is low. There is possibility of incidence of tea mosquito bug on new flush of cashewnut. If incidence is noticed spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5%EC @ 6 ml per 10 liter after 8th August, 2020 when intensity of rainfall is low.
Arecanut	Fruiting	<ul style="list-style-type: none"> Due to forecast of heavy rainfall, postpone fertilizer application in arecanut orchard. Apply after 8th August, 2020 when intensity of rainfall is low. Due to forecast of heavy rainfall, make arrangement for drain out excess water from arecanut orchard.
Vegetable crops	Flowering	<ul style="list-style-type: none"> Due to forecast of increase in wind speed, give earthing up to Okra, Brinjal, Tomato, Chilli etc. vegetable crops. Due to forecast of heavy rainfall, make arrangement for drain out excess water from vegetable crop field.

Cucurbitaceous crop	Flowering	<ul style="list-style-type: none"> • Due to forecast of heavy rainfall, make arrangement for drain out excess water from cucurbitaceous vegetable crop field. • Due to forecast of increase in wind speed, repair staking already provide to cucurbitaceous crops.
<p>Note : Spray insecticide or fungicide solution and apply fertilizers when intensity of rainfall is low. Mix sticker into spraying solution.</p>		
<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>		