



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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Significant past weather for the preceding week (Period –11/07/2020 to 17/07/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 22/07/2020				
11/07	12/07	13/07	14/07	15/07	16/07	17/07		18/07	19/07	20/07	21/07	22/07
60.6	15.2	9.8	76.8	118.0	129.4	53.0	Rainfall (mm)	50	29	30	13	10
29.5	29.5	28.5	29.0	29.0	26.8	27.5	Maximum temperature (°C)	28	29	29	31	31
23.0	23.0	23.5	23.0	22.2	22.1	22.7	Minimum temperature (°C)	23	23	23	23	24
8	6	6	6	6	6	4	Cloud cover (Octa)	7	7	8	8	8
98	96	98	93	100	98	95	Relative Humidity Max. (%)	94	93	92	91	90
92	86	100	98	98	92	-	Relative Humidity Min. (%)	91	80	76	71	66
4.5	4.9	4.2	5.0	4.2	6.1	6.9	Wind speed (Km/hr)	8	6	5	3	3
Calm	Calm	Calm	SW	W	Calm	Calm	Wind direction	SSW	SSW	SSW	S	S
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
462.8				1950.3				5130.9				

Weather summary/Alert

There is possibility of light to moderate rainfall at most places from 17th to 20th July, 2020 and at many places on 21st July, 2020 over Ratnagiri district.

Warning: Heavy to very heavy rainfall on 17th July,2020 and heavy rainfall from 18th to 19th July at isolated places likely to occur in Ratnagiri district.

As per ERFs products below normal rainfall may occur in Konkan division during 22nd to 28th July 2020.

Crop	Stage	Agromet Advisory based on weather forecast
Kharif rice	Growth stage	<ul style="list-style-type: none"> Due to forecast of light to moderate rainfall, maintain optimum water level of 2.5 to 5 cm upto 30 days after transplanting by repairing bunds in rice field. Keep bunds in rice field weed free.
Finger millet	Transplanting	<ul style="list-style-type: none"> Due to forecast of light to moderate rainfall, complete the transplanting of the finger millet.
Mango	Vegetative	<ul style="list-style-type: none"> Apply paclobutrazol (cultural/coltar) for regular flowering to the mango trees having age of 10 years and above. Before application 1st measure east-west and north-south diameter of the tree canopy and average it. Then calculate dose @ 3 ml per meter diameter of tree canopy. Mix this quantity of paclobutrozol in 3 to 5 lits. of water. Apply this solution uniformly in 25 to 30 holes at uniform distance with 10 to 12 cm depth in circular fashion at half distance of tree cover (just inside the manuring ring) from the base of tree. For making hole crowbar can be used. Ensure the drenching of uniform quantity in each hole and closed or plug hole after application. Before application of paclobutrazol make area weed free. Perform this application when intensity of rainfall is low.
Arecanut	Fruiting	<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, give 3rd spray of 1 % bordomixture mixing with sticker on to crown region when intensity of rainfall is low.
Tomato	Vegetative	<ul style="list-style-type: none"> Apply 2nd split dose of nitrogen @ 43 kg urea per acre to tomato crop after 3 to 5 weeks of transplanting when intensity of rainfall is low. give support to tomato plant.
Cucurbitaceous crop	Vegetative	<ul style="list-style-type: none"> Apply 2nd split dose of nitrogen @10 gm urea per vine to snake gourd, bottle gourd, pumpkin cucurbitaceous crop at one month after planting when intensity of rainfall is low. Give earthing up of soil at the time of fertilizer application. If the incidence of red pumpkin beetle, leaf eating caterpillars, leaf miner is noticed on bitter gourd, ridge gourd, bottle gourd vegetable crops, spray malathion 50% EC @ 20 ml or Dimethoate 30%EC @ 15 ml per 10 liters of water at 10 to 15 days interval when intensity of rainfall is low. <u>Note:</u> mix stickers in insecticide solution before spraying.

Note : Spray insecticide or fungicide solution and apply fertilizers when intensity of rainfall is low. 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.