



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 –01/07/2020 to 07/07/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 12/07/2020				
01/07	02/07	03/07	04/07	05/07	06/07	07/07		08/07	09/07	10/07	11/07	12/07
3.8	124.6	21.8	156.4	144.2	6.8	27.0	Rainfall (mm)	42	55	47	53	80
29.5	30.0	30.0	27.0	27.0	29.0	30.0	Maximum temperature (°C)	31	31	31	31	31
23.7	22.8	23.6	22.5	23.0	25.0	23.5	Minimum temperature (°C)	26	26	26	26	26
4	6	6	6	6	6	6	Cloud cover (Octa)	8	7	7	7	8
92	98	98	100	92	92	92	Relative Humidity Max. (%)	92	93	92	92	92
95	77	97	100	92	87	-	Relative Humidity Min. (%)	88	80	76	78	76
5.1	6.1	3.9	4.8	10.0	12.2	14.4	Wind speed (Km/hr)	13	7	7	7	7
Calm	Calm	Calm	Calm	Calm	SW	W	Wind direction	SW	S	SW	SSW	S
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
484.6				1264.5				5130.9				

Agro-met Advisory

There is possibility of moderate rainfall at most places over Ratnagiri district from 8th to 12th July, 2020.

Warning: Heavy rainfall likely to occur at isolated places from 8th to 10th July, 2020 and heavy to very heavy rainfall likely to occur at isolated places on 11th July, 2020.

As per ERFs products above normal rainfall may occur in Konkan division during 12th to 18th July 2020.

Crop	Stage	Agro Advise
Kharif rice	Transplanting	<ul style="list-style-type: none"> Due to forecast of moderate to heavy rain, make arrangement for drain out excess water from rice field and maintain optimum water level of 2.5 to 5cm upto 30 days after transplanting. Complete the transplanting of the rice. Seedlings with 5 to 6 leaves with height of 12 to 15 cm and 20-21 days old seedling in case of early rice varieties and 27 to 30 days old seedling in case of midlate and late rice varieties. Prepare field for transplanting by puddling. At the time of puddling apply 87 kg urea, 313 kg single super phosphate and 84 kg muriate of potash per hectare when intensity of rainfall is low. If incorporation of 5 tonnes of glyricidia leaves per hectare is done then reduce the dose of nitrogenous fertilizers to 50 percent. Transplant 2-3 rice seedlings per hill in case of straight varieties and one seedling per hill in case of hybrid at a spacing of 15 x 15 cm (early) or 20 x 15 cm (midlate and late varieties). follow upright and shallow (2.5 to 3.5 cm) transplanting of seedling. In SIRA method of rice cultivation, incorporate 2 tonnes per acre glyricida leaves at the time of puddling. Transplant improved or hybrid rice seedlings at a controlled spacing (15-25 cms). place urea-DAP briquette at depth of 7.5 to 10 cms in between four hill.
Finger millet	Transplanting	<ul style="list-style-type: none"> Carry out transplanting of finger millet seedlings when intensity of rainfall is low. Transplant 2 finger millet seedlings at spacing of 20x15 cm by 'Thomba' method. Prepare Thomba across the slope. Apply 35 kg urea and 100 kg single super phosphate per acre in thomba at the time of transplanting.
Coconut, Arecanut	Fruiting	<ul style="list-style-type: none"> Make arrangement for drain out excess water from coconut and arecanut orchard
Vegetable crops	Vegetative	<ul style="list-style-type: none"> Make arrangement for drain out excess water from vegetable crop field. Proper support should be given to cucurbitaceous crops.
Turmeric	Vegetative	<ul style="list-style-type: none"> Make arrangement for drainage of excess water from turmeric field.
Fruit crop nurseries	Vegetative	<ul style="list-style-type: none"> Make arrangement for drainage of excess water from fruit crop nurseries.
Milch animals/ Goat	-	<ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals also maintain good aeration in farm shed. For pregnant farm animals, provide 2.5 kg Concentrate + 15 to 20 kg green fodder + 5 to 7 kg roughages per day and for milking farm animals, provide 1 to 1.5 kg Concentrate + 15 to 20 kg green fodder + 4 to 5 kg roughages per day. During rainy season, farm animals shows symptoms like Diarrhea, reduction in feed intake and weight loss due to worms, if infection of worms is observed in farm animals worms, give Fenbendazole @ 5 ml or Albendazol 7.5 ml per kg weight of farm animals.

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.