



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 –04/12/2019 to 10/12/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 15/12/2019				
04/12	05/12	06/12	07/12	08/12	09/12	10/12		11/12	12/12	13/12	14/12	15/12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
31.0	30.0	31.0	32.0	31.1	32.0	33.2	Maximum temperature (°C)	35	35	34	34	34
22.0	23.5	19.5	17.0	17.4	18.0	20.0	Minimum temperature (°C)	23	22	21	21	21
2	6	2	0	0	0	4	Cloud cover (Octa)	5	4	4	6	4
91	91	89	92	92	92	93	Relative Humidity Max. (%)	77	78	81	75	67
63	59	48	52	55	61	-	Relative Humidity Min. (%)	50	44	47	45	40
4.1	2.9	1.8	2.1	2.4	2.1	2.9	Wind speed (Km/hr)	6	5	5	7	6
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	E	E	ENE	ENE	E
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
0.0							5130.9	3071.8				

Agro-met Advisory

There is possibility of increase in temperature and sky will be partly cloudy from 11th to 15th December 2019.
Extended range rainfall forecast for Konkan division for the period from 13th to 19th December, 2019 is above normal.
According to NDVI, Agriculture vigour is good and according to SPI, mildly wet condition experienced in Ratnagiri district.

Crop	Stage	Agro Advise
Groundnut	Vegetative	• Due to increase in rate of evaporation, provide irrigation to groundnut crop at 10-12 days interval.
Mango	Vegetative	• There is possibility of incidence of hoppers and anthracnose disease on vegetative flush of mango. For protection of vegetative flush from hoppers and diseases, spray deltamethrin 2.8%EC @ 10 ml + fungicide combination (carbendazim 12% + mancozeb 63%) @ 10 gm per 10 liter in water.
Cashewnut	Flowering	• There is possibility of incidence of tea mosquito bugs on the inflorescence of cashewnut, to protect the cashew inflorescence, spray Profenophos 50% EC @ 10 ml per 10 liter of water.
Coconut	-	• Due to increase in rate of evaporation, provide irrigation to first four years old coconut orchard at 6 to 7 days interval and for above four years old orchard provide irrigation at 5 to 10 days interval.
Arecanut	-	• For 3-year-old arecanut palm apply 2 nd split dose 160 g urea and 125 g muriate of potash per tree. by digging circular ring about 1 meter from base of tree and fill the circular ring with soil after application of fertilizer. Apply 1/3 rd and 2/3 rd of abovementioned fertilizers dose per tree for 1 and 2-years old arecanut plantation, respectively. • Due to increase in rate of evaporation, provide irrigation to arecanut orchard at 7 to 8 days interval.
Water melon	Vegetative	• There is possibility of incidence of hoppers and aphids in watermelon crop, if incidence is noticed on watermelon, spray dimethoate 30%EC @ 10 ml per 10 liter of water. Also use yellow sticky cards in field to attract the sucking pests. • Apply second split dose of 11g urea per vine of watermelon crop and for hybrid watermelon varieties apply 20g urea per vine.
Brinjal	Vegetative	• There is possibility of incidence of hoppers, white flies and aphids in brinjal crop. if incidence is noticed, spray dimethoate 30%EC @ 10 ml per 10 liter of water. Also use yellow sticky cards in field to attract the sucking pests. • Apply second split dose of 43kg urea per acre to brinjal crop at one month after transplanting.
Chilli	Vegetative	• There is possibility of incidence of hoppers, white flies and aphids in chilli crop. If incidence is noticed, spray dimethoate 30%EC @ 10 ml per 10 liter of water. Also use yellow sticky cards in field to attract the sucking pests.
Milch animal/Goat	-	• For protection of farm animals from external parasites such as ticks, maintain sanitation in farm shed and for control spray deltamethrin 2 ml/liter of water on to the body of animal under guidance of veterinarian.

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.
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