



**Agromet Advisory Service Bulletin for Ratnagiri District**  
(Issued jointly by GKMS, Dr. B.S. Konkani 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 –07/12/2019 to 13/12/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 18/12/2019				
07/12	08/12	09/12	10/12	11/12	12/12	13/12		14/12	15/12	16/12	17/12	18/12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
32.0	31.1	32.0	33.2	32.8	31.8	31.5	Maximum temperature (°C)	34	34	33	33	33
17.0	17.4	18.0	20.0	18.5	18.0	17.0	Minimum temperature (°C)	23	22	21	21	21
0	0	0	4	2	2	0	Cloud cover (Octa)	5	3	6	5	2
92	92	92	93	94	92	92	Relative Humidity Max. (%)	74	69	73	72	68
52	55	61	59	59	62	-	Relative Humidity Min. (%)	46	41	43	41	40
2.1	2.4	2.1	2.9	1.9	2.1	2.2	Wind speed (Km/hr)	7	6	6	7	7
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	NE	E	E	E	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 14<sup>th</sup> to 18<sup>th</sup> December 2019.  
Extended range rainfall forecast for Konkani division for the period from 13<sup>th</sup> to 19<sup>th</sup> December, 2019 is below normal.  
According to NDVI, Agriculture vigour is good and according to SPI, mildly wet condition experienced in Ratnagiri district.

Crop	Stage	Agro Advise
Lablab bean	Vegetative	• If incidence of aphids is noticed on lablab bean, spray Dimethoate 30%EC@12 ml per 10 liter of water.
Horse gram	Vegetative	• If incidence of leaf folder is noticed on horse gram, spray Dimethoate 30%EC@20 ml or Profenophos 50%EC @ 20 ml per 10 liter of water.
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	-	• There is possibility of incidence of black headed caterpillar in coconut orchard in coastal areas. The caterpillar feeds on leaves results into dried up patches on leaf. For control of black headed caterpillar, collect and destroy all infected leaves and spray dimethoate 30%EC @16 ml per 10 liter of water or release larval parasitoids Goniozus nephantidis adult @ 3500 nos per hectare.
Arecanut	-	• For 3-year-old arecanut palm apply 2 <sup>nd</sup> 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 <sup>rd</sup> and 2/3 <sup>rd</sup> of abovementioned fertilizers dose per tree for 1 and 2-years old arecanut plantation, respectively.
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.

**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 Konkani Krishi Vidyapeeth, Dapoli.**  
For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.