



Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by IAAS, 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 –03/09/2019 to 09/09/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 14/09/2019				
03/09	04/09	05/09	06/09	07/09	08/09	09/09		10/09	11/09	12/09	13/09	14/09
107.4	113.4	161.0	106.4	119.0	87.6	76.8	Rainfall (mm)	49	11	10	18	2
28.2	25.5	25.8	25.1	26.2	26.8	27.6	Maximum temperature (°C)	29	29	30	29	29
23.0	23.2	22.5	23.5	23.0	23.8	23.2	Minimum temperature (°C)	24	24	23	23	25
6	8	8	6	8	8	8	Cloud cover (Octa)	7	7	6	8	8
100	100	100	98	98	98	100	Relative Humidity Max. (%)	95	95	95	95	88
93	100	98	92	96	93	93	Relative Humidity Min. (%)	91	83	77	78	77
2.8	4.3	3.2	11.8	7.0	4.8	6.4	Wind speed (Km/hr)	10	6	6	5	5
SW	W	SW	W	W	W	W	Wind direction	261	185	167	183	180
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
771.6							4688.7	3071.8				

Agro-met Advisory

There is possibility of light to moderate from 10th to 14th September, 2019. Sky will be cloudy. Extended range rainfall forecast for Konkani division for the period of 6th to 12th September, 2019 is above normal.

Crop	Stage	Agro Advise
Kharif rice	Panicle initiation to flowering	<ul style="list-style-type: none"> Maintain the optimum water level of 5-10 cm in the rice crop which is in panicle initiation stage. Apply 3rd split dose of nitrogen @ 43 kg urea/ha when intensity of rainfall is low to the early varieties rice crop which is in flowering stage. Due to forecast of increase in humidity, there is possibility of incidence of false smut fungal diseases on rice during panicle initiation stage. Grains will be transformed into greenish smutballs with velvety appearance. For management of disease spray hexaconazole 5%SC @ 10 ml per 10 liter of water at panicle initiation stage.
Cashewnut	Vegetative	<ul style="list-style-type: none"> Due to prevailing condition of continuous heavy rain, there was increase in humidity and low sunshine hours favors development of fungal disease causing leaf drop and branch rot in cashewnut, for control of disease, collect and destroy all diseased infected leaves, branches and apply bordopaste to cut portion of branches and after that spray Metalaxyl 8% + Mancozeb 64% combination fungicide @ 20 g per 10 liter of water.
Coconut	-	<ul style="list-style-type: none"> Apply 750 gms urea and 667 gms of muriate of potash as 2nd split dose for 5 year old and above coconut palm. There is possibility of incidence of bud rot disease due to heavy rain, if incidence noticed spray coconut plant with 1% bordomixture. Clean old coconut orchard by removing all dried leaves and other dead waste to maintain good sanitation in orchard. There is possibility of bud rot due to heavy rain, if incidence noticed spray 1% bordomixture on to the crown region.
Vegetable crops	Fruiting	<ul style="list-style-type: none"> If incidence of shoot and fruit borer is noticed on brinjal, collect and destroy all infected shoots and fruit and spray Fenvalerate 10 ml per 10 liters of water.
<ul style="list-style-type: none"> Note: spraying should be taken in dry period during day. 		
<p align="center">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.</p> <p align="center">For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.</p>		