



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 –13/07/2019 to 19/07/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 24/07/2019				
13/07	14/07	15/07	16/07	17/07	18/07	19/07		20/07	21/07	22/07	23/07	24/07
26.0	22.8	58.2	17.4	35.4	7.8	0.0	Rainfall (mm)	20	8	11	20	16
30.0	30.0	30.0	27.5	29.5	29.0	30.5	Maximum temperature (°C)	31	30	32	32	31
24.5	24.0	24.0	23.5	23.0	24.6	24.5	Minimum temperature (°C)	23	22	23	23	23
6	6	6	6	6	6	4	Cloud cover (Octa)	7	8	7	7	7
93	98	98	93	98	98	90	Relative Humidity Max. (%)	91	93	91	91	92
92	92	92	92	87	78	88	Relative Humidity Min. (%)	69	75	68	71	73
6.0	6.2	12.7	1.9	3.7	2.0	2.7	Wind speed (Km/hr)	6	3	3	7	7
Calm	Calm	SW	W	Calm	W	W	Wind direction	251	173	195	274	291
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
167.6							1492.7	3071.8				

Agro-met Advisory

**There is possibility of moderate rainfall from 20th to 24th July, 2019 and sky will be cloudy from 20th to 24th July, 2019
Extended range rainfall forecast for Konkani division for the period of 12th to 18th July 2019 is normal.**

Crop	Stage	Agro Advise
Kharif rice	Seedling	<ul style="list-style-type: none"> Due to forecast of moderate rain, maintain optimum water level in rice field by proper bunding. During next five days there is forecast for moderate rainfall, it is advice to complete transplanting operation of rice seedlings as per availability of irrigation water. Repair the bunds of rice field and keep bunds weed free.
Finger millet	Seedling	<ul style="list-style-type: none"> During next five days there is forecast for moderate rainfall, it is advice to complete transplanting operation of finger millet seedlings.
Mango	Vegetative	<ul style="list-style-type: none"> Apply paclobutrazol (cultar/coltar) for regular flowering, fully developed mango trees of 10 years old and above. Measure average diameter of canopy of the tree and apply cultar @ 3 ml per meter diameter (e.g. If east-west diameter of the plant is 5 m and North – South diameter is 7 ml then average will be 6 m. So far 6 x 3 = 18 ml. will be the quantity of cultar. This quantity of paclobutrazol mixed in 3 to 5 lits. of water and applied in 25 to 30 holes, 10 to 12 cm deep around the tree basin with help of kudali or crowbar just inside the manuring ring at uniform distance. Then uniform quantity of solution is drenched into holes, followed by closing or plugging of holes with soil. Before application weeds be removed. <p>Note: Paclobutrazol application is avoided during heavy rainy days.</p>
Mango and Cashewnut	Vegetative	<ul style="list-style-type: none"> Follow the weeding in Mango and Cashewnut orchards with the help of sickle/ grass cutting machine or spray glyphosate weedicide @ 3- 4 ml per liter of water. <p>Note: Avoid grazing of animals after weedicide application in orchard.</p>
Coconut	-	<ul style="list-style-type: none"> Clean coconut orchard by removing all dried leaves and other dead waste to maintain good sanitation and for control of adults and grubs of rhinoceros beetle spray the FYM pits with Chloripyriphos 20 ml in 10 lit of water.
Milch animals/Goat /Poultry	-	<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. Carryout out vaccination against Enterotoxin and Haemorrhagic Septecemia (H.S.) disease in farm animals with consultation of veterinary officer.

**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.**