



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 –06/06/2020 to 12/06/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 17/06/2020				
06/06	07/06	08/06	09/06	10/06	11/06	12/06		13/06	14/06	15/06	16/06	17/06
3.6	4.6	45.8	19.4	8.0	18.2	13.0	Rainfall (mm)	45	98	94	90	47
33.0	31.4	32.5	30.0	31.4	32.2	31.2	Maximum temperature (°C)	32	32	32	31	32
24.5	23.5	21.0	23.5	23.0	22.5	24.0	Minimum temperature (°C)	24	25	25	24	24
6	6	6	4	4	4	6	Cloud cover (Octa)	6	8	8	8	8
90	90	100	89	92	96	96	Relative Humidity Max. (%)	90	92	93	95	94
77	72	67	78	75	76	-	Relative Humidity Min. (%)	64	65	69	83	89
6.1	6.8	7.7	2.9	5.2	4.2	6.2	Wind speed (Km/hr)	5	5	8	12	14
W	W	SW	SE	SW	SW	N	Wind direction	S	S	SSW	SSW	SSW
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
112.6				358.8				5130.9				

Agro-met Advisory

There is forecast of heavy rainfall from 13th to 17th June, 2020.

Crop	Stage	Agro Advise
Kharif rice	Nursery	<ul style="list-style-type: none"> Due to forecast of heavy rainfall during next five days, make arrangement for drain out excess water from rice nursery. Repair the bunds of rice field and keep bunds weed free. For controlling the crabs from rice field, cook rice from 1 kg of raw rice and add insecticide Acephate 75WP @ 75 gm and make 100 arecanut size balls and keep them in each crab burrow and close it with wet mud. On the next day if some of the burrows are found open, again use the same procedure. (Note: insecticide is not under label claim).
Finger millet	Nursery	<ul style="list-style-type: none"> Due to forecast of heavy rainfall during next five days, make arrangement for drain out excess water from finger millet nursery.
Mango and cashewnut	--	<ul style="list-style-type: none"> For above 10 year old mango tree, apply 50 to 100 kg well decomposed FYM, 3 kg 250 gm urea, 3 kg 125 gm single super phosphate and 2 kg sulphate of potash by digging circular ring of 45 to 60 cm wide and 15 cm depth just inside the spread of tree. Apply fertilizers when the intensity of rainfall is low. Clean the mango and cashewnut orchard. Give slanting cut to the mango and cashewnut plant those disturb due to cyclone and apply 1% bordomixture to cut surface. Provide proper support with available resources to young graft of mango and cashewnut disturb due to cyclone. Give proper earthing up with mixture of soil + 3-4 basket of well decomposed FYM or vermicompost + 2 kg SSP. Spray all re-established mango and cashewnut grafts with 1% bordomixture and also with Chlorpyrifos 20%EC @ 2ml per liter of water separately. If require repeat it after 15 to 20 days. Especially in mango orchard, collect all fallen fruits and buried deep into soil to reduced incidence of fruit fly during next season. Remove the parts of plant which are not able to re-establish with help of shar edge tool and destroy it in proper way. Use these places for establishing new orchard.
Coconut and arecanut	--	<ul style="list-style-type: none"> For above five year old coconut palm apply 30 kg well decomposed F.Y.M. along with 750 gm urea, 3 kg single super phosphate and 667 gm muriate of potash in circular basin. Apply 1/5th, 2/5th, 3/5th and 4/5th of above-mentioned fertilizer dose per tree for 1,2,3 and 4-year-old coconut plantation, respectively. Apply fertilizers when the intensity of rainfall is low. Clean the coconut and arecanut orchard by collecting all fallen fruits and branches and destroy in proper way. Provide proper support with available resources to young seedlings of arecanut disturb due to cyclone. Give proper earthing up with mixture of soil + 2-3 basket of well decomposed FYM or vermicompost + 2 kg SSP. Drench 1% bordomixture to all arecanut plants. Cut The uprooted and whirl plants of arecanut and coconut which will not able to recover with sharp edge tool. Collect and remove from orchard and destroy it in proper way. There are chances of injuries to the bud of coconut plant. If possible, drench the coconut bud with 1% bordomixture and also with Chlorpyrifos 20%EC @ 2ml per liter of water separately.

Vegetable crops	Nursery	<ul style="list-style-type: none"> • Apply 50 gms urea per bed after 15 days of sowing of vegetable crop nursery. • Due to forecast of heavy rainfall, make arrangement for drain out excess water from vegetable crop nursery.
<p>Note : Spray insecticide or fungicide solution and apply fertilizers when intensity of rainfall is low. Mix sticker into spraying solution.</p>		
<p>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.</p>		