



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 –20/07/2019 to 26/07/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 31/07/2019				
20/07	21/07	22/07	23/07	24/07	25/07	26/07		27/07	28/07	29/07	30/07	31/07
40.0	4.0	13.6	103.0	137.8	134.8	52.6	Rainfall (mm)	70	50	50	40	35
30.2	30.4	30.0	30.5	29.0	27.0	26.1	Maximum temperature (°C)	29	28	29	30	30
24.5	24.0	24.5	23.0	24.0	24.0	24.5	Minimum temperature (°C)	24	24	25	25	25
4	4	4	6	6	6	6	Cloud cover (Octa)	8	8	8	7	5
97	90	93	100	98	98	98	Relative Humidity Max. (%)	93	93	93	92	91
78	90	81	88	98	98	-	Relative Humidity Min. (%)	88	91	86	83	80
2.9	1.9	3.8	5.5	6.5	4.5	2.6	Wind speed (Km/hr)	15	16	14	16	16
SW	SW	Calm	W	Calm	W	W	Wind direction	266	260	254	252	252
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
485.8							1978.5	3071.8				

Agro-met Advisory

There is possibility of heavy rainfall from 27th to 31st July, 2019 and wind velocity range on 14 to 16 km/h from 27th to 31st July, 2019.

Extended range rainfall forecast for Konkan division for the period of 26th July to 1st August, 2019 is above normal.

Crop	Stage	Agro Advise
Kharif rice	Tillering	<ul style="list-style-type: none"> During next five days there is forecast for heavy rain, make arrangement for drain out excess water from rice field. Apply second split dose of nitrogenous fertilizers urea @ 87 kg/ha to rice crop at tillering stage. <p>Note: Apply fertilizer when intensity of rainfall is low.</p>
Finger millet	Seedling	<ul style="list-style-type: none"> During next five days there is forecast for heavy rain, make arrangement for drain out excess water from finger millet field.
Mango	Vegetative	<ul style="list-style-type: none"> During next five days there is forecast for heavy rainfall, hence it is advised to postpone Paclobutrazol application in Mango orchard.
Coconut and Arecanut	-	<ul style="list-style-type: none"> During next five days there is forecast for heavy rain, make arrangement for drain out excess water from coconut and arecanut orchard.
Vegetable crops	Vegetative	<ul style="list-style-type: none"> During next five days there is forecast for heavy rain, make arrangement for drain out excess water from vegetable crop field. Follow earthing up operation in Okra, Brinjal, Tomato, Chilli etc. vegetable crops. Also provide support to crop as there is forecast of high wind speed. If the incidence of aphids, leaf hoppers, red pumpkin beetle, leaf eating caterpillars, leaf miner is noticed on brinjal, chilli, cucumber, bitter gourd, ridge gourd, bottle gourd vegetable crops, spray malathion 20 ml or Dimethoate 15 ml per 10 liters of water at 10 to 15 days interval. <p>Note: Spray insecticide solution when intensity of rainfall is low. mix stickers in insecticide solution before spraying.</p>
Milch animals/Goat /Poultry	-	<ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals also protect farm animals from rain. For young goat, provide 200 to 250 gms Concentrate + 3 to 4 kg green fodder + 1.5 kg roughages per day. For boiler poultry bird 1st three week provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement.
<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. For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.</p>		