



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 –27/07/2019 to 02/08/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 07/08/2019				
27/07	28/07	29/07	30/07	31/07	01/08	02/08		03/08	04/08	05/08	06/08	07/08
226.4	17.8	87.2	82.6	54.6	52.2	30.8	Rainfall (mm)	90	89	99	107	75
26.4	27.0	27.0	26.0	26.1	27.4	28.2	Maximum temperature (°C)	29	29	28	28	29
23.0	24.0	23.5	23.5	23.0	23.5	24.0	Minimum temperature (°C)	24	24	24	24	24
6	6	6	6	6	6	6	Cloud cover (Octa)	7	8	8	8	8
93	97	100	100	100	93	96	Relative Humidity Max. (%)	92	92	94	92	92
90	98	100	100	98	92	-	Relative Humidity Min. (%)	84	86	91	88	87
2.1	4.9	5.1	9.1	5.6	8.8	11.3	Wind speed (Km/hr)	20	23	20	20	20
SW	W	W	W	W	W	W	Wind direction	254	245	254	250	245
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
551.6							2530.1	3071.8				

Agro-met Advisory

There is possibility of heavy rainfall from 3rd to 7th August, 2019 and wind velocity range on 20 to 23 km/h from 3rd to 7th August, 2019.

Extended range rainfall forecast for Konkan division for the period of 2nd to 8th August, 2019 is above normal.

Crop	Stage	Agro Advise
Kharif rice	Tillering	<ul style="list-style-type: none"> Due to intermittent rainfall and cloudy weather condition, there is possibility of incidence of blue beetle and caseworm on low land rice, hence observe crop regularly for infestation of pest. Alter the stagnated water with fresh water after every 2-3 days. Maintain water level of 5 cm in the field. If incidence of blue beetle is noticed on rice crop, spray Quinalphos 25% EC @ 40 ml or Triazophos 40%EC@ 12.5 ml or Lambda cyhalothrin 5%EC @ 5 ml per 10 liter of water. If incidence of rice case worm is noticed on rice crop, then flood the field with water followed by dragging the rope to dislodge the cases and drain out water from field after 1-2 hrs. Collect the cases and destroy then maintain the water level of 5 cm in the field with fresh water. Note: mix stickers in insecticidal solution at the time of spraying. During next five days there is forecast for heavy rain, make arrangement for drain out excess water from rice field. During next five days there is forecast for heavy rainfall, hence it is advised to postpone application of second split dose of nitrogenous fertilizers i.e. urea @ 87 kg/ha to rice crop at tillering stage. Apply fertilizer when intensity of rainfall is low.
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.
New plantation	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 fruit crop orchard. Due to forecast for high wind speed, provide support to newly planted fruit crop.
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. Install 'Rakshak' trap @ 4 nos. per ha in cucurbitaceous crop when it is in flowering for effective control of fruit fly.
Milch animals/Goat	-	<ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals also protect farm animals from rain.

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.