



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 –19/06/2019 to 25/06/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 30/06/2019				
19/06	20/06	21/06	22/06	23/06	24/06	25/06		26/06	27/06	28/06	29/06	30/06
37.0	71.2	0.0	1.4	2.5	10.0	8.8	Rainfall (mm)	12	45	40	56	52
31.0	30.5	31.4	31.5	31.0	30.0	30.0	Maximum temperature (°C)	30	30	29	30	29
21.0	24.5	25.5	25.0	25.0	24.0	24.6	Minimum temperature (°C)	25	25	25	24	25
6	6	6	6	6	6	6	Cloud cover (Octa)	4	6	6	7	8
98	93	93	86	97	92	93	Relative Humidity Max. (%)	88	89	91	91	91
76	76	85	72	82	98	-	Relative Humidity Min. (%)	62	63	76	81	85
9.0	1.4	4.2	4.0	4.0	2.1	2.5	Wind speed (Km/hr)	7	10	13	14	13
SW	NW	W	SW	SW	W	SW	Wind direction	S	WSW	W	W	W
Rainfall (mm) in last week				Weekly normal rainfall (mm)			Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year			
121.9				244.1			291.3		3071.8			

Agro-met Advisory

There is possibility of moderate to heavy rainfall from 26th to 30th June, 2019 and wind velocity ranges from 7 to 14 Km/h.
According to NDVI, Agriculture vigour is moderate and according to SPI, severely dry condition experienced in Ratnagiri district.
Extended range rainfall forecast for Konkan division for the period of 20th to 27th June, 2019 is normal.

Crop	Stage	Agro Advise
Kharif rice	Nursery	<ul style="list-style-type: none"> If water stress is observed in rice nursery, then provide irrigation. Apply 1 kg urea per guntha 15 days after sowing of rice nursery. 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. For preparation of main field for rice, carryout ploughing on moist soil after receiving of rain and incorporate 7.5 tonne FYM or compost per hectare at the time of ploughing.
Finger millet	Nursery	<ul style="list-style-type: none"> If water stress is observed in finger millet nursery, then provide irrigation. Apply 1 kg urea per guntha 15 days after sowing of finger millet nursery.
Rice, Finger millet and Proso millet	Nursery	<ul style="list-style-type: none"> Due to intermittent rainfall, there is possibility of armyworms incidence in rice, finger millet and proso millet nurseries, hence monitor the nurseries for pest incidence. The caterpillar hides during day time in the soil and feed on the leaves of paddy seedlings during evening time till morning. They feed gregariously on leaf tips and along leaf margins. if incidence of armyworm is noticed spray Dichlorvos 76% WSC @1.3 ml per liter of water at evening hours when wind was calm. (Note: insecticide is not under label claim)
Vegetable/fruit crop nursery	Sowing	<ul style="list-style-type: none"> If water stress is observed in vegetable nursery, then provide irrigation. If seedlings of brinjal and chill crops are ready for transplanting, transplant the seedlings on ridges and furrow with spacing of 60 X 60 cm. Dip the seedling for 5 minute in Dimethoate solution @ 1ml per liter of water before transplanting. Apply fertilizer dose of 8 tonne of FYM/Compost, 43 kg urea (for brinjal) 86 kg urea (for chilli), 125 kg SSP and 33 kg of MOP per acre at the time of transplanting. Provide irrigation immediately after transplanting.
Poultry	-	<ul style="list-style-type: none"> Provide clean and hygienic drinking water to poultry birds also maintain good aeration in poultry shed.

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.