



# AGROMET ADVISORY SERVICE BULLETIN FOR RATNAGIRI DISTRICT

(Issued jointly by GKMS, Dr. B.S. Konkani Krishi Vidyapeeth,  
& India Meteorological Department)



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Duration – 5 days

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Significant past weather for the preceding week (Period –07/05/2021 to 13/05/2021)							Weather Parameters	Weather forecast until 08.30 hrs of 18/05/2021				
(Source: Agromet observatory, Dept of Agronomy, College of Agril, Dapoli)								(Source: Regional Meteorological Centre, Mumbai)				
07/05	08/05	09/05	10/05	11/05	12/05	13/05		14/05	15/05	16/05	17/05	18/05
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	3	4	4	100	73
33.5	34.5	34.4	34.0	34.1	34.4	34.2	Max.Temp. (°C)	35	38	38	36	35
21.9	23.0	22.9	22.1	21.6	21.7	22.3	Min.Temp. (°C)	26	27	29	26	27
0	0	0	0	0	-	-	Cloud cover (Octa)	8	8	8	8	8
80	82	80	85	83	81	77	Max. RH (%)	75	73	61	78	87
56	55	66	63	58	59	-	Min. RH (%)	45	35	33	48	75
4.4	4.5	4.7	4.7	5.1	6.2	4.9	Wind speed(Km/hr)	6	10	12	42	25
W	W	W	W	WNW	-	-	Wind direction	W	SSW	NE	ESE	S
<b>Rainfall (mm) in last week</b>				<b>Rainfall (mm) from 01/01/2021 to till dated</b>			<b>Total Rainfall (mm) in last year</b>					
<b>0.0</b>				<b>16.8</b>			<b>4145.4</b>					

## Weather summary/alert

<b>Weather forecast</b>	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of light rainfall from 14 <sup>th</sup> to 15 <sup>th</sup> May, 2021 and possibility of heavy rainfall at most places from 16 <sup>th</sup> to 18 <sup>th</sup> May, 2021 with increase in wind speed from 12 to 42 kmph and sky remain cloudy over Ratnagiri district.
<b>Warning</b>	Due to formation of low pressure area which intensify further into a cyclonic storm by 16 <sup>th</sup> May 2021, thunderstorm along with lightening and rainfall and gusty winds reaching 30-40 kmph likely to occur at isolated places from 14 <sup>th</sup> to 15 <sup>th</sup> May, 2021, heavy to very heavy rainfall very likely to occur at a few places on 16 <sup>th</sup> May, 2021 and Heavy rainfall very likely to occur at a few places with very heavy rainfall at isolated places on 17 <sup>th</sup> May, 2021 over Ratnagiri district.
<b>ERFS</b>	As per ERFS products, rainfall remains above normal in Konkani division during 19 <sup>th</sup> to 25 <sup>th</sup> May, 2021.

## Agromet advisory based on weather forecast

Crop	Stage	Agro advisory
<b>General advisory</b>	-	<ul style="list-style-type: none"> <li>Due to formation of low-pressure area which intensify further into a cyclonic storm result into heavy rainfall with gusty winds from 16<sup>th</sup> to 18<sup>th</sup> May,2021, postpone the all insecticide spraying and fertilizer application operation to crops also harvest and stored the matured pulse crop at protective and safe place. Provide staking to newly planted fruit crops orchard, banana orchard, vegetables and flower crops.</li> </ul>
<b>SMS</b>	-	<ul style="list-style-type: none"> <li>Due to formation of low-pressure area which intensify further into a cyclonic storm result into heavy rainfall with gusty winds from 16<sup>th</sup> to 18<sup>th</sup> May,2021, check the area around the house, remove dead trees, dried branches. Stored the additional drinking water. Repair the farm shed. Shift the farm animal to safe and protective place.</li> </ul>
<b>Mango</b>	Fruiting	<ul style="list-style-type: none"> <li>Due to formation of low-pressure area which intensify further into a cyclonic storm result into heavy rainfall with gusty winds from 16<sup>th</sup> to 18<sup>th</sup> May,2021, carryout harvesting of the matured mango fruits immediately and keep in safe and protective place. Remove and destroy all dried, diseased branches and apply bordopaste to cut surface.</li> </ul>

		<ul style="list-style-type: none"> <li>• There is forecast for high wind speed, provide staking to newly planted mango grafts with bamboo sticks.</li> </ul>
<b>Cashewnut</b>	Vegetative	<ul style="list-style-type: none"> <li>• There is forecast for high wind speed, provide staking to newly planted cashewnut grafts with bamboo sticks.</li> <li>• Stored all dried cashewnuts at safe and protective place.</li> </ul>
<b>Sapota</b>	Flowering to fruiting	<ul style="list-style-type: none"> <li>• There is forecast for high wind speed, provide staking to newly planted sapota grafts with bamboo sticks.</li> <li>• Due to formation of low-pressure area which intensify further into a cyclonic storm result into heavy rainfall with gusty winds from 16<sup>th</sup> to 18<sup>th</sup> May,2021, carryout harvesting of the matured sapota fruits immediately and keep in safe and protective place.</li> <li>• Postpone the pre-monsoon season spraying of fungicides for disease control.</li> <li>• Make arrangement for drain out excess water from Sapota orchard.</li> </ul>
<b>Banana</b>	Flowering to fruiting	<ul style="list-style-type: none"> <li>• There is forecast for high wind speed, provide support to banana plants.</li> <li>• Due to formation of low-pressure area which intensify further into a cyclonic storm result into heavy rainfall with gusty winds from 16<sup>th</sup> to 18<sup>th</sup> May,2021, carryout harvesting of the matured bunch and keep in safe and protective place.</li> <li>• Make arrangement for drain out excess water from banana orchard.</li> </ul>
<b>Coconut</b>	Fruiting	<ul style="list-style-type: none"> <li>• There is forecast for high wind speed, provide staking newly planted coconut plant with bamboo sticks.</li> <li>• Postpone the pre-monsoon season spraying of fungicides for bud rot disease.</li> <li>• Make arrangement for drain out excess water from coconut orchard.</li> </ul>
<b>Arecanut</b>	Fruiting	<ul style="list-style-type: none"> <li>• There is forecast for rise in temperature and wind speed, provide irrigation to newly planted arecanut plant as per requirement also provide staking with bamboo sticks.</li> <li>• Postpone the pre-monsoon season spraying of fungicides for koleroga disease.</li> <li>• Make arrangement for drain out excess water from arecanut orchard.</li> </ul>
<b>Summer rice</b>	Maturity	<ul style="list-style-type: none"> <li>• Due to formation of low-pressure area which intensify further into a cyclonic storm result into heavy rainfall with gusty winds from 16<sup>th</sup> to 18<sup>th</sup> May,2021, harvest the matured rice varieties, stored threshed grains in protective shed after immediate threshing.</li> </ul>
<b>Kharif rice</b>	Land preparation	<ul style="list-style-type: none"> <li>• In kharland area for rice cultivation, turn the clods with the help of crowbar before rain and prepare drainage channel of 30 cm depth and 45 cm wide around rice field to help drain out the salts from field.</li> </ul>
<b>Groundnut</b>	Maturity	<ul style="list-style-type: none"> <li>• Due to formation of low-pressure area which intensify further into a cyclonic storm result into heavy rainfall with gusty winds from 16<sup>th</sup> to 18<sup>th</sup> May,2021, carryout harvesting of matured pods by uprooting the plant and strip off the pods from the plant and keep for drying at safe and protective place.</li> </ul>
<b>Pulse crop</b>	Maturity	<ul style="list-style-type: none"> <li>• Due to formation of low-pressure area which intensify further into a cyclonic storm result into heavy rainfall with gusty winds from 16<sup>th</sup> to 18<sup>th</sup> May,2021, carryout harvesting of matured pulse crop and keep for drying at safe and protective place.</li> </ul>
<b>Turmeric</b>	Planting	<ul style="list-style-type: none"> <li>• Due to formation of low-pressure area which intensify further into a cyclonic storm result into heavy rainfall with gusty winds from 16<sup>th</sup> to 18<sup>th</sup> May,2021, it is advise to postpone the sowing of turmeric crop and make arrangement for drain out excess water from already planted turmeric field.</li> </ul>
<b>Vegetable crops</b>	Nursery	<ul style="list-style-type: none"> <li>• Due to formation of low-pressure area which intensify further into a cyclonic storm result into heavy rainfall with gusty winds from 16<sup>th</sup> to 18<sup>th</sup> May,2021, it is advise to postpone the sowing of vegetable crops and make arrangement for drain out excess water from already sown vegetable nursery area.</li> </ul>
<b>Animal husbandry</b>	--	<ul style="list-style-type: none"> <li>• Due to forecast of thunderstorm along with lighting and rain and gusty</li> </ul>

		<p>winds at isolated places over district from 14<sup>th</sup> to 18<sup>th</sup> May, 2021, keep farm animals at safe place and away from open water, pond or river.</p> <ul style="list-style-type: none"> <li>• Due to formation of low-pressure area which intensify further into a cyclonic storm result into heavy rainfall with gusty winds from 16<sup>th</sup> to 18<sup>th</sup> May,2021, Do not allow farm animals grazing outside.</li> <li>• Protect the feed such as paddy straw, grasses from rainwater.</li> </ul>
<b>Poultry</b>	--	<ul style="list-style-type: none"> <li>• Due to formation of low-pressure area which intensify further into a cyclonic storm result into heavy rainfall with gusty winds from 16<sup>th</sup> to 18<sup>th</sup> May,2021, protect poultry shed by gunny bags.</li> </ul>
<b>Fisherman</b>	--	<ul style="list-style-type: none"> <li>• In view of Cyclonic storm formation over Arabian Sea. Fishermen are advised not to venture out to the southeast Arabian Sea.</li> </ul>
<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>		