



**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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Date: 16/10/2020

Duration – 5 days

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Significant past weather for the preceding week (Period –10/10/2020 to 16/10/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 21/10/2020				
10/10	11/10	12/10	13/10	14/10	15/10	16/10		17/10	18/10	19/10	20/10	21/10
0.0	5.4	1.0	9.6	5.2	101.2	4.6	Rainfall (mm)	7	0	4	15	13
31.0	31.6	29.5	29.6	31.6	28.5	28.2	Maximum temperature (°C)	28	29	30	31	30
25.0	22.8	22.7	22.0	22.8	21.2	23.4	Minimum temperature (°C)	24	24	23	24	24
6	6	8	8	8	8	8	Cloud cover (Octa)	5	5	6	8	8
95	95	91	95	92	100	96	Relative Humidity Max. (%)	95	93	96	94	95
88	87	86	78	90	85	-	Relative Humidity Min. (%)	84	71	71	72	77
2.3	0.3	2.2	2.2	2.6	6.4	4.8	Wind speed (Km/hr)	10	7	5	2	4
Calm	Calm	Calm	Calm	Calm	NW	SE	Wind direction	SE	SE	ESE	ESE	S
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
127.0				4126.5				5130.9				

**Weather summary**

<b>Weather forecast</b>	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of light to moderate rainfall from 17 <sup>th</sup> to 21 <sup>st</sup> October, 2020 at a few places over Ratnagiri district. Also, sky will remain cloudy.
<b>Warning</b>	Heavy rainfall likely to occur at isolated places on 16 <sup>th</sup> October, 2020 at isolated places in Ratnagiri district.
<b>ERFS</b>	As per ERFS products above normal rainfall may occur in Konkan division during 21 <sup>th</sup> to 27 <sup>th</sup> October, 2020.

Crop	Stage	Agromet Advisory based on weather forecast
<b>General advice</b>	-	<ul style="list-style-type: none"> <li>As Squally wind speed reaching 40-50 kmph gusting to 60 kmph very likely to prevail over Maharashtra-Goa coast fishermen are advised not to venture into these areas during 16 -18 October 2020</li> </ul>
<b>Kharif rice</b>	<b>Grain filling (late varieties), maturity (early and midlate)</b>	<ul style="list-style-type: none"> <li>Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, if lodging of rice crop occurred, follow immediate picking of panicles by traditional way and keep panicles in protective shed for drying. As there is possibility of sprouting of soaked panicle This will help to reduce damage to some extent.</li> <li>Make arrangement to drain out water from rice field and maintain the optimum water level of 5 cm in late rice varieties field.</li> <li>There is forecast of light to moderate rainfall, harvest the matured rice varieties during clear weather (no rainfall), keep threshed grains in protective shed for drying after immediate threshing.</li> </ul>
<b>Finger millet/ Proso millet</b>	<b>Maturity</b>	<ul style="list-style-type: none"> <li>Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, if lodging of crop occurred then follow immediate picking of panicles and keep panicles in protective shed for drying. As there is possibility of sprouting of soaked panicle This will help to reduce damage to some extent.</li> <li>Make arrangement to drain out water from finger millet and proso millet field.</li> <li>Due to forecast of light to moderate rainfall, harvest the matured varieties of finger millet crop during clear weather (no rainfall) by cutting of ear head with sickle and dry in the safe and protective shed. Follow threshing after drying.</li> </ul>
<b>Mango</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, make arrangement for drain out excess water from newly planted mango orchard.</li> <li>Due to cloudy rainy weather, there is possibility for incidence of anthracnose fungal disease on new vegetative flush of mango, to control the disease spray, 1% bordonmixture or Carbendazim 12% + Mancozeb 63% combination fungicide @ 10 gms per 10 liter of water during clear weather (no rainfall).</li> </ul>
<b>Cashewnut</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, make arrangement for drain out excess water from newly planted cashewnut orchard.</li> <li>Due to cloudy rainy weather, there is possibility for incidence of anthracnose fungal disease on new vegetative flush of cashewnut, to control the disease spray, 1% bordonmixture or Carbendazim 12% + Mancozeb 63% combination fungicide @ 10 gms per 10 liter of water during clear weather (no rainfall).</li> </ul>

<b>Coconut</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>• Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, make arrangement for drain out excess water from coconut orchard.</li> <li>• Due to prevailing rainfall condition lead increased in humidity favour development of fungal disease in coconut, to protect the coconut from fungal disease, spray 1% bormixture during clear weather (no rainfall).</li> </ul>
<b>Arecanut</b>	<b>Fruiting</b>	<ul style="list-style-type: none"> <li>• Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, make arrangement for drain out excess water from arecanut orchard.</li> <li>• Due to prevailing rainfall condition lead increased in humidity favour development of fungal disease in coconut, to protect the arecanut from fungal disease, spray 1% bormixture during clear weather (no rainfall)</li> </ul>
<b>Water melon</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>• Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, presence of high moisture content which cause rotting of seed, hence postpone the sowing of watermelon crop.</li> </ul>
<b>Okra</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>• Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, presence of high moisture content which cause rotting of seed, hence postpone the sowing of okra crop.</li> </ul>
<b>Turmeric</b>	<b>Rhizome development</b>	<ul style="list-style-type: none"> <li>• Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, make arrangement for drain out excess water from turmeric field.</li> </ul>
<b>Vegetable nurseries / new fruit crop plantation</b>	<b>Vegetative</b>	<ul style="list-style-type: none"> <li>• Due to prevailing rainfall and thunderstorm during 13, 14 and 15 October,2020, make arrangement for drain out excess water from vegetable crops nurseries and newly planted fruit crop orchard.</li> </ul>
<b>Poultry</b>	-	<ul style="list-style-type: none"> <li>• For boiler poultry bird upto three-week-old bird, provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement.</li> <li>• Vaccination against Newcastle disease (Ranikhet) to 4-10 days old chicks under supervision of veterinary officers is advocated.</li> </ul>
<p>Note : Spray insecticide or fungicide solution and apply fertilizers during clear weather (no rainfall). Mix sticker into spraying solution.</p>		
<p><b>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.</b></p>		