



# AGROMET ADVISORY SERVICE BULLETIN FOR RAIGAD DISTRICT

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



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No. 23/2021

Date: 19/03/2021

Duration – 5 days

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Significant past weather for the preceding week (Period –13/03/2021 to 19/03/2021)							Weather Parameters	Weather forecast until 08.30 hrs of 24/03/2021				
(Source: Agromet observatory, RARS, Karjat)								(Source: Regional Meteorological Centre, Mumbai)				
13/03	14/03	15/03	16/03	17/03	18/03	19/03		20/03	21/03	22/03	23/03	24/03
-	-	-	-	-	-	-	Rainfall (mm)	0	0	2	3	0
-	-	-	-	-	-	-	Max.Temp. (°C)	31	32	32	32	33
-	-	-	-	-	-	-	Min.Temp. (°C)	22	21	23	27	26
-	-	-	-	-	-	-	Cloud cover (Octa)	1	1	2	3	2
-	-	-	-	-	-	-	Max. RH (%)	48	62	64	48	45
-	-	-	-	-	-	-	Min. RH (%)	23	26	25	25	25
-	-	-	-	-	-	-	Wind speed(Km/hr)	5	5	5	6	4
-	-	-	-	-	-	-	Wind direction	S	SE	S	SSE	E
<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>				
0.0				0.0				3090.6				

### Weather summary/alert

<b>Weather forecast</b>	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of light rainfall at isolated places with increase in temperature from 21 <sup>st</sup> to 23 <sup>rd</sup> March, 2021 and sky remains partly cloudy over Raigad district.
<b>Warning</b>	Thunderstorm along with lightening and rainfall likely to occur on 21 <sup>st</sup> and 22 <sup>nd</sup> March, 2021 at isolated places over Raigad district.

### Agromet advisory based on weather forecast

Crop	Stage	Agro advisory
<b>General advisory</b>	-	<ul style="list-style-type: none"> <li>There forecast for thunderstorm along with lighting at isolated places over district from 21<sup>st</sup> to 22<sup>nd</sup> March, 2021, keep farm animals at safe place and away from open water, pond or river.</li> </ul>
<b>SMS</b>	-	<ul style="list-style-type: none"> <li>Due to forecast of light rainfall at isolated places from 21<sup>st</sup> to 22<sup>nd</sup> March 2021, hence to protect the mango fruits from rain water and fruit fly incidence, cover the fruits with paper bag.</li> </ul>
<b>Mango</b>	Fruiting	<ul style="list-style-type: none"> <li>There is forecast for partly cloudy weather and light rainfall from 21<sup>st</sup> to 23<sup>rd</sup> March 2021, there is possibility of incidence of anthracnose disease on fruits of mango, if rainfall received then undertake the protective spraying for anthracnose disease, spray Carbendazim 12% + Mancozeb 63% @ 10 g per 10 liter of water.</li> <li>Due to forecast of light rainfall at isolated places from 21<sup>st</sup> to 23<sup>rd</sup> March 2021, hence to protect the mango fruits from rain water and fruit fly incidence, cover the fruits with paper bag. Care should be taken that avoid injury to fruit stalk while bagging fruits with paper bag.</li> <li>Due to forecast for increase in temperature with decrease in humidity, to minimize the pre-mature fruit drop of mango, as per availability of water, apply 100 liter /tree at weekly or 150 to 200 liter/ tree at 15 days interval from pea to arecanut fruit size also use straw mulch.</li> </ul>
<b>Cashewnut</b>	Fruiting	<ul style="list-style-type: none"> <li>There is possibility of incidence of tea mosquito bugs and aphids on the fruits of cashewnut, to protect the cashew during fruit bearing stage, spray Lambda cyhalothrin 5% EC @6 ml or Acetamiprid 20%SP @ 5 gms per 10 liter of water during clear weather. (insecticide is not under label claim).</li> </ul>

<b>Lablab bean, cowpea</b>	Pod development	<ul style="list-style-type: none"> <li>• Due to forecast of light rainfall at isolated places from 21<sup>st</sup> to 23<sup>rd</sup> March 2021, harvest matured lablab bean, cowpea crop and keep for drying at safe and protective place.</li> </ul>
<b>Chickpea</b>	Maturity	<ul style="list-style-type: none"> <li>• Due to forecast of light rainfall at isolated places from 21<sup>st</sup> to 23<sup>rd</sup> March 2021, harvest matured chickpea crop and keep for drying at safe and protective place.</li> </ul>
<b>Summer rice</b>	Tillering to Panicle initiation	<ul style="list-style-type: none"> <li>• Due to forecast for rise in temperature and decrease in humidity, maintain water level of 5 cm in rice field which is in tillering stage.</li> </ul>
<b>White Onion</b>	Maturity	<ul style="list-style-type: none"> <li>• Due to forecast of light rainfall at isolated places from 21<sup>st</sup> to 23<sup>rd</sup> March 2021, carryout harvesting of matured onion bulb and stored at safe and protective place.</li> </ul>
<b>Chilli</b>	Fruiting	<ul style="list-style-type: none"> <li>• Due to forecast of light rainfall at isolated places from 21<sup>st</sup> to 23<sup>rd</sup> March 2021, harvest the matured chilli and stored at safe and protective place.</li> </ul>
<b>Cucurbitaceous crops</b>	Fruiting	<ul style="list-style-type: none"> <li>• Due to forecast of cloudy weather with rain, there is possibility for incidence of fruit fly in watermelon, cucurbitaceous crop. For effective control of fruit fly, install cue lure 'Rakshak' trap @ 2 nos. per acre.</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>		