

Ministry of Earth Science, India Meteorological Department is collaborated with  
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**Gramin Krishi Mousam Seva Project,**  
 College of Horticulture, Mulde  
 Agro Advisory Bulletin For The District Sindhudurg  
 (Period 02<sup>nd</sup> May to 06<sup>th</sup> May, 2020)



Issue 34/2020

Date 01.05.2020

Duration 5 Days

Actual weather parameters recorded during last week  
 (Dated 24<sup>th</sup> April to 30<sup>th</sup> April, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's  
 (Valid for 02<sup>nd</sup> May to 06<sup>th</sup> May, 2020)

24/04	25/04	26/04	27/04	28/04	29/04	30/04	Date	02/05	03/05	04/05	05/05	06/05	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	5	12	3	0	0	
37.0	37.0	38.0	38.0	38.0	38.0	36.5	Temp. Maximum (°C)	37	37	37	38	38	
24.0	25.0	25.0	26.0	27.0	25.0	22.0	Temp. Minimum (°C)	27	27	26	26	25	
Clear	Cloudy	Clear	Clear	Clear	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	3	3	4	4	7
Clear	Clear	Clear	Clear	Clear	Cloudy	Clear	PM						
92	84	84	84	84	87	85	RH - I (%)	93	93	92	84	76	
48	48	45	48	45	52	43	RH - II (%)	41	43	35	38	35	
1.9	2.3	2.1	2.0	2.3	2.4	2.6	Wind Speed (km/hr.)	5	7	6	7	8	
Calm	Calm	N	Calm	Calm	Calm	Calm	AM	Wind Direction	West	Westerly / South West	South	South	West
NNE	NNE	N	N	NNE	NNE	N	PM						

Rainfall (mm) in last year (2019)	Rainfall (mm) from 01/01/20 to till dated	Rainfall (mm) from 01/06/20 to till dated	Rainfall (mm) in last week
4591.0	0.0	0.0	0.0

General Weather condition in forthcoming 5 days: Maximum temperature will be highly increase in the Sindhudurg District in upcoming five days as well as light rain is forecasted on 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> May, 2020 at isolated places and weather remain moist and partly cloudy. RMC, Mumbai.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Mango	Fruit Development to Harvesting	<p>The Mango fruits are egg size stage and in mature size stage in some parts in the district. Harvest the mature fruits before 10 hours in the morning and after 16 hours in the evening with the help of Nutan mango harvester at 80 to 85 % maturity. Keep the harvested fruits in shade to prevent spongy tissue disease and from heat. Give treatment with fungicide and ethylene for ripening as per the recommendations. Transport of harvested fruits should be done preferably during night hours. Do not apply any insecticides/fungicides 8 days before harvesting of mango fruits.</p> <p>Incidence of fruit fly is found due to light rain in the last week, Install University recommended methyl eugenol containing Rakshak fruit fly traps @ 4 traps per ha to control mango fruit fly.</p> <p>The incidence of anthracnose and powdery mildew diseases may found on mango due to last week rainfall. To control spraying of Thiophenat methyl and Carbendanzim 1% @ 1 gram per 1 liter water is advocated.</p> <p>Create shade in new mango plantation with the help of shade net. Also irrigate the basins and mulch with leaves, paddy straw or weed.</p>
Cashew nut	Harvesting	<p>In many places the nuts are ready for harvesting. Harvest the mature nuts and dry them in sun and store them.</p> <p>If the incidence of cashew stem rot borer is found to control cashew stem rot borer remove the bark of affected stem with help of 15 mm knife and remove the cashew stem rot borer from stem and soak the stem in to the paste of Chloropyriphos 20% EC @ 10 ml. per 10 liter of water or fipronil 5% SC @ 2 ml per liter of water (5 liter of water is sufficient for one tree) is advocated.</p>
Rice (Rabi)	Maturity to Harvesting	<p>Some varieties of rice are in grain formation stage. Irrigation should be given at 4-5 days interval.</p> <p>Some varieties of rice are in harvesting stage. Removal of water from the field at least 8-10 days before harvesting. At the time of harvesting grains should be 90 % mature. Harvesting of matured rice with the help of Vaibhav sickle developed by the University. Harvesting of paddy crop should be postponed as much as possible and if it is to be done, it should be done keeping in view the rainfall forecast and keep harvested crop in shade.</p>
Groundnut	Harvesting	<p>Due to increasing in temperature and rate of evaporation, irrigate the Groundnut crop at an interval of 10-12 days after sowing. As per harvesting index of Groundnut crop <i>i.e.</i> yellowing of leaves, colour of outer pod and colour of seed, harvesting should be done. If required give light irrigation before harvesting. Dry the harvested pods in sunshine for 3 to 4 days.</p>
Sunflower	Harvesting	<p>Sunflower is at maturity and harvesting stage in few places of the district. So harvest the crop and dry in to sunrise and thresh the crop with the help of wooden stick or machine and store the grains in shade.</p>
Pine apple	Fruit Develop. Harvesting	<p>Pineapple is in fruiting stage. To avoid the evaporation loss, mulching of pineapple crop is advocated. Harvesting of matured pine apple fruits as per the harvesting indices is advocated.</p>
Fruit processing		<p>Make processed preservative food products from fruits of Mango, Jackfruit, Jamun, Kokum, Karonda as per availability of fruits.</p>
Soil testing		<p>Do not burn stubbles of crops, leaves and weed in the field, It causes depletion of plant nutrients also decrease soil fertility. Soil testing of the soil should be done to check the amount of N,P,K after harvest of fruit crops. For detail information contact Soil Scientist, Regional Fruit Research Station, Vengurla. (02366-262234).</p>

This Agro Advisory Bulletin (AAB) is prepared and published with the consolation and recommendation of SMS committee of "Gramin Krishi Mausam Sewa (GKMS)", Regional Fruit Research Station, Vengurla and College of Horticulture, Mulde Dr. B.S.Konkan Krishi Vidyapeeth, Dapoli 416 520 (MS).

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