



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 13<sup>th</sup> May to 17<sup>th</sup> May, 2020)



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Duration 5 Days

Actual weather parameters recorded during last week  
 (Dated 05<sup>st</sup> to 11<sup>th</sup> May, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's  
 (Valid for 13<sup>th</sup> May to 17<sup>th</sup> May, 2020)

05/05	06/05	07/05	08/05	09/05	10/05	11/05	Date	09/05	10/05	11/05	12/05	13/05	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	3	4	3	
39.0	39.0	39.0	39.0	37.0	37.0	37.0	Temp. Maximum (°C)	40	38	39	37	35	
26.0	27.0	27.0	27.0	26.0	25.0	25.0	Temp. Minimum (°C)	28	27	28	28	28	
Clear	Clear	Clear	Clear	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	2	3	5	6	8
Clear	Clear	Clear	Clear	Clear	Clear	Cloudy	PM						
82	82	80	82	85	84	77	RH - I (%)	78	80	79	82	84	
47	47	45	52	47	47	48	RH - II (%)	32	32	34	35	42	
1.8	2.4	2.4	2.4	2.3	2.4	1.7	Wind Speed (km/hr.)	006	007	007	009	008	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	Westerly north West	West	Easterly south East	North West	Northerly north west
WNW	WNW	WSW	WNW	WSW	WSW	WNW	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 thunderstorm and lightening is forecasted on 15<sup>th</sup>, 16<sup>th</sup> and 17<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
Rice, Finger millet Groundnut	Preparatory tillage operation	Destroy the stubbles of rice crop after harvesting. Plough the field and let the soil heat up well in the sun. Ploughing the field after harvest to destroy the stubbles is suggested. In the areas where the harvesting is completed, in such areas plough the field and make arrangements for cultural operations for <i>khari</i> season and preparation of rice nursery. Procure improved seeds of rice, groundnut and finger millet.
Mango	Fruit Development to Harvesting	The temperature is likely to rise in the next five days in the district. In areas where water is scarce, micro-irrigation (e.g. drip irrigation) should be used to keep the fruit trees alive and to protect them from heat. Create shade in new mango plantation with the help of shade net. Also irrigate the basins and mulch with paddy straw or weed. 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.
Cashew nut	Harvesting	Create shade in new cashew plantation with the help of shade net. Also irrigate the basins and mulch with paddy straw or weed. The temperature will be increase in forthcoming week in the district, where deficiency of water there should use micro irrigation such as drip and sprinkler for avoiding high temperature effect on fruit crops. 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.
Leafy Vegetables	Leaf Development	To irrigate leafy vegetables use micro irrigation such as drip and sprinkler irrigation to avoid loss of water and irrigate the crops early in the morning.
Fruit processing		Make processed preservative food products from fruits of Mango, Jackfruit, Jamun, Kokum, Karonda as per availability of fruits.
Soil testing		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).
Dairy Animals, Goat, Sheep Poultry		Protect the animals from afternoon heat. Keep good aeration in animal shed. The temperatures during day and nights are increasing. For protection of poultry birds from heat, provide curtains from outside the poultry shed and sprinkle it with water. Apply layer of grass or gunny bags on the roof of poultry shed and sprinkle water on it.

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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