



Ministry of Earth Science, India Meteorological Department is collaborated with
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College of Horticulture, Mulde
Agro Advisory Bulletin For The District Sindhudurg
(Period 07th to 11th March, 2020)



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Duration 5 Days

Actual weather parameters recorded during last week
(Dated 29th February to 06th March, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
(Valid for 07th to 11th March, 2020)

29/02	01/03	02/03	03/03	04/03	05/03	06/03	Date	07/03	08/03	09/03	10/03	11/03	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0	
39.0	38.0	36.0	36.0	36.0	35.0	33.0	Temp. Maximum (°C)	34	34	33	32	32	
21.5	21.0	20.0	19.0	19.0	18.0	19.0	Temp. Minimum (°C)	20	20	19	18	18	
Cloudy	Cloudy	Clear	Cloudy	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	0	1	1	1	2
Cloudy	Cloudy	Clear	Clear	Clear	Clear	Cloudy	PM						
88	91	89	89	83	88	89	RH - I (%)	87	84	75	88	87	
37	37	42	37	31	44	44	RH - II (%)	40	29	30	37	40	
2.0	1.4	2.0	1.7	1.9	2.6	2.1	Wind Speed (km/hr.)	006	006	005	006	006	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	95	74	182	92	79
WNW	WSW	WSW	WNW	WNW	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: Wind speed will be increased in forthcoming 5 days also weather remains dry and partly cloudy.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Mango	Flowering to Fruit Set	<p>Install University recommended methyl eugenol containing 'Rakshak' fruit fly traps @4 traps per ha. to control mango fruit fly.</p> <p>Incidence of mango hopper on new flowers is found to control spraying of Deltamethrin 2.8% EC 9 ml. per 10 liter water should be spray.</p> <p>Incidence of thrips may be observed on bud bursting stage of mango trees due to change in weather conditions. For their control application of 45 per cent <i>Spinosad</i> 2.5 ml per 10 litres of water is suggested.</p> <p>There is a increase in maximum temperature and afternoon humidity has become lower in the district. The temperature will be increase in current week, to control mango fruit drop in lateritic rocky soils spraying with 1% Calcium nitrate is recommended.</p> <p>Due to forecast of rise in temperature during forthcoming week to control mango fruit drop increasing the production and quality of fruits of mango, spraying with 1% Potassium nitrate at pea stage, marble stage and arecanut size stage is recommended.</p> <p>There is a increase in maximum temperature and afternoon humidity has become lower in the district. The temperature will be increase in current week. Application of 80-100 litres of water per tree at 7 days interval as per the availability is suggested. Mulching with grass should be done to avoid the water loss in mango orchards in lateritic soil.</p> <p>Avoid spraying of insecticides at time of anthesis. So as to avoid impact on cross pollination.</p> <p>To control Powdery mildew of mango spraying of 5% <i>Hexaconazol</i> @ 5 ml per 10 liter of water with 20 gram of <i>Sulfer</i> is advocated.</p> <p>To decrease fruit drop in mango it is recommended that cover the fruit with paper bags.</p> <p>As per the recommendation of the University, spraying of "Ambrashakti" a liquid fertilizer for enhancement of fertilization @ 1 liter/19 litres of water on the inflorescence is advocated. A solution of 20 litres should be sprayed on 4 trees.</p>
Cashewnut	Fruit Set	<p>To get white colors and whole nut from cashews to process the cashewnut as per University recommendation.</p> <p>Harvest the harvestable and dried cashews from plant and dry it in sunlight.</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 <i>Cloropyrifos</i> 20% EC @ 10 ml. per 10 liter water is advocated.</p> <p>To Control of Apple and nut borer of cashew spraying of Diclorovos 76% EC @ 10 ml. per 10 liter of water is advised.</p>
Coconut		<p>Due to Cloudy & hot weather the incidence of rugose spiraling whitefly is found on coconut. To control establish yellow sticky traps and for removing sooty mould spraying of 1% Starch solution is advised. Also in sever attack spraying of Neem oil 0.5% or 0.005% Imidacloprid is advocated.</p>
Rice	Panicle imitation	<p>Maintain the water level 10 cm for initial 10 days and after 10 days of panicle initiation in rice is advocated.</p> <p>To control blast dieses in rice spraying of <i>Tricyclazole</i> 10 gram or <i>Isoprothiolion</i> 10 ml per 10 liter of water is advocated.</p>
Groundnut	flowering to peg formation	<p>The groundnut crop is in flowering stage and some early varieties is in peg formation stage so drum rolling operation should be carried out to increase number of pods ultimately production will be increased.</p>
Horse gram	Harvesting	<p>In some places Horse gram crop is in harvesting stage. Harvest the mature pods and dry them in sun.</p>

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

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