



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 18th to 22nd March, 2020)



Issue 21/2020

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Duration 5 Days

Actual weather parameters recorded during last week
(Dated 11th to 17th March, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
(Valid for 18th to 22nd March, 2020)

11/03	12/03	13/03	14/03	15/03	16/03	17/03	Date	18/03	19/03	20/03	21/03	22/03	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0	
35.0	35.5	35.5	36.0	38.0	38.0	35.5	Temp. Maximum (°C)	33	32	32	32	31	
18.0	18.0	18.0	18.0	17.0	17.0	22.0	Temp. Minimum (°C)	21	21	20	20	20	
Clear	Clear	Clear	Clear	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	1	3	0	0	2
Clear	Clear	Clear	Cloudy	Clear	Clear	Clear	PM						
83	91	83	82	82	81	88	RH - I (%)	83	84	84	85	85	
45	47	40	36	35	56	47	RH - II (%)	61	61	63	63	63	
1.9	2.8	2.3	1.9	1.9	1.8	2.6	Wind Speed (km/hr.)	003	007	010	008	008	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	113	196	152	155	146
WSW	WSW	WNW	WNW	WNW	WNW	WSW	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: Relative humidity will be decrease and temperature will be increase 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>Due to forecast of increase temperature in forthcoming week, create shade by using shadenet to the newly planted mango seedlings.</p> <p>Install University recommended methyl eugenol containing 'Rakshak' fruit fly traps @4 traps per ha. to control mango fruit fly.</p> <p>To control mango fruit drop in lateritic rocky soils spraying with 1% Calcium nitrate is recommended.</p> <p>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>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>To decrease fruit drop in mango it is recommended that cover the fruit with paper bags.</p>
Cashewnut	Fruit Set	Harvest the harvestable and dried cashews from plant and dry it in sunlight.
Coconut		<p>Due to forecast of increase wind speed in forthcoming week, give support to the newly planted coconut seedlings with the help of stick and create shade by using shadenet.</p> <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 (Rabi)	Panicle Initiation	Hoing and weeding should be done in rice field. Also third split dose of Nitrogen @ 20 kg. per ha should be apply.
Groundnut	flowering to peg formation	<p>Due to forecast of rise in temperature irrigate the groundnut crop with the interval of 12 to 20 days in flowering and pod filling stage.</p> <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>
Sunflower	Flowering	Irrigate the Sunflower crop timely and do plant protection as per needed. For better pollination and seed setting use of honey bee box (Apiculture) in the field is advocated.
Mustard	Pod formation	Mustard crop timely and do plant protection as per needed. For better pollination and seed setting use of honey bee box (Apiculture) in the field is advocated.
Cowpea	Harvesting	Cowpea is in harvesting stage. Harvest the mature pods during morning hours and dry them in sun.
Wal	Harvesting	Wal crop is in harvesting stage. Harvest the mature pods during morning hours and dry them in sun.
Horse gram	Harvesting	Horse gram crop is in harvesting stage. Harvest the mature crop near to the ground and dry in sunshine.
Dairy Animals, Poultry	-	The temperatures during day are increasing. For protection of poultry birds from heat, provide curtains from outside the poultry shed and sprinkle it with water.

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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