



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 19<sup>th</sup> to 23<sup>rd</sup> February, 2020)



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Duration 5 Days

Actual weather parameters recorded during last week (Dated 12 <sup>th</sup> to 18 <sup>th</sup> February, 2020)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 19 <sup>th</sup> to 23 <sup>rd</sup> February, 2020)				
12/02	13/02	14/02	15/02	16/02	17/02	18/02	Date	19/02	20/02	21/02	22/02	23/02	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0	
36.0	36.5	36.5	37.0	37.5	38.0	38.0	Temp. Maximum (°C)	37	36	35	34	34	
19.5	19.0	18.0	18.5	18.0	18.0	17.0	Temp. Minimum (°C)	19	20	19	18	18	
Clear	Clear	Clear	Clear	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	3	1	3	1	1
Cloudy	Clear	Clear	Clear	Clear	Clear	Clear	PM						
91	96	91	92	91	91	81	RH - I (%)	57	63	59	54	55	
57	29	28	27	28	26	25	RH - II (%)	25	27	30	25	21	
1.2	1.3	1.5	1.1	1.3	1.5	1.2	Wind Speed (km/hr.)	004	004	005	006	007	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	66	79	67	89	88
WSW	ESE	WSW	WNW	WNW	WSW	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:** Temperature will be highly increased in forthcoming 5 days also weather remains partly cloudy.

**Weather Prediction Based Agro-Advice**

Name of Crop	Growth Stage	Advisory
Rice	Tillering	Due to forecast of increasing temperature during upcoming week, maintain the water level in <i>rabi</i> rice up to 2-3 cm for first 8-10 days and increase the level up to 5 cm. Weeding operation should be carried out in <i>rabi</i> rice and apply first dose of Nitrogen 40 kg per ha (87 kg Urea) to the rice crop 30 days after transplanting.
Horse gram and Cowpea	Pod formation	The incidence of aphids and leaf miner may be noticed on pulse crops. For their control spraying with 10 ml Dimethoate per 10 litres of water at an interval of 15-20 days is suggested.
Kadva Wal	Pod formation	Availability of moisture in the field is needful for Wal crop in every crop growth stage. If availability of irrigation water irrigate the crop at flowering and grain filling stage. Excessive irrigation leads to branching and reduction in yield.
Groundnut	flowering to peg formation	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.
Mango	Flowering to Fruit Set	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. Due to forecast of increasing temperature during upcoming week, the application of 150-200 litres of water per tree at 15 days interval as per the availability is suggested. Avoid spraying of insecticides at time of anthesis. So as to avoid impact on cross pollination. To control Powdery mildew of mango spraying of 5% <i>Hexaconazol</i> @ 5 ml per 10 liter of water with 20 gram of <i>Sulfur</i> is advocated. In the district the 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. 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 25 litres should be sprayed on 4 trees.
Cashewnut	Fruit Set	It is advised to cashew Gardner to be aware about attack of Tea mosquito bug on of cashew. If found incidence to control spraying of monocrotophos 36% EC 15 ml. or Lambda cyhalothrin 5% EC 6 ml. in 10 liter of water. To Control of Apple and nut borer of cashew spraying of Diclorovos 76% EC @ 10 ml. per 10 liter of water is advised.
Coconut	Fruit Development	Fill the innermost leaf axils of coconut palm with mixture of 2 % methyl parathion dust 50 gm. + 50 gm. sand and spraying the FYM pits with 0.2 % carbaryl is advocated for control of adults and grubs of rhinoceros beetle. It is advocated to spray 1 per cent bordo mixture against leaf spot of Coconut.

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, Vengurle and College of Horticulture, Mulde Dr. B.S.Konkan Krishi Vidyapeeth, Dapoli 416 520 (MS).

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