



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 12<sup>th</sup> to 16<sup>th</sup> February, 2020)



Issue 12/2020

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Duration 5 Days

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

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's  
(Valid for 12<sup>th</sup> to 16<sup>th</sup> February, 2020)

05/02	06/02	07/02	08/02	09/02	10/02	11/02	Date	12/02	13/02	14/02	15/02	16/02	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0	
34.0	34.0	34.0	31.0	33.0	34.0	34.0	Temp. Maximum (°C)	35	37	36	36	36	
18.0	17.5	16.0	14.0	13.5	16.0	18.5	Temp. Minimum (°C)	19	18	18	19	19	
Clear	Clear	Clear	Clear	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	4	2	3	2	3
Clear	Clear	Clear	Clear	Clear	Clear	Clear	PM						
90	90	90	90	92	94	94	RH - I (%)	83	81	74	67	64	
41	44	85	71	45	62	57	RH - II (%)	43	33	35	28	29	
1.5	1.7	1.7	2.2	1.2	1.4	2.4	Wind Speed (km/hr.)	008	007	006	004	006	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	73	74	68	68	77
ENE	WSW	WSW	ENE	ENE	WSW	ENE	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 increase in forthcoming 5 days also weather remain partly cloudy.

**Weather Prediction Based Agro-Advice**

Name of Crop	Growth Stage	Advisory
Rice	Tillering	Weeding operation should be carried out in rabi rice and apply first dose of Nitrogen 40 kg per ha (87 kg Urea) to the rice crop 30 days after transplanting. 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. Due to forecast of cloudy weather in forthcoming week, If the incidence of rice leaf folder is observed on the rice crop, then need based spraying with Quinolphos 25% EC @ 2ltr. or Trizophos 40% EC @ 625 ml or Lamda cyhalothrin 5% EC @ 250ml per 500 litres of water is recommended.
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. To control pod borer in Kadva wal spraying with Malathion 2 ml. per liter of water in flowering stage is advocated.
Groundnut	flowering	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.
Mango	Flowering to Fruit Set	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. 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. 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.
Chilli	Fruit Set	To control leaf curl (Bokdya/Churda Murda) and causing insects such as thrips and white flies in chillis, application of Phorate 10 kg per ha. also spraying of Dimethoate 30% EC 1 ml. + Sulphur 2 gm or Mancozeb 2 gm per liters of water is advised.
Coconut	Flowering	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.
Banana	Vegetative growth	For control of bunchy top disease in banana, cut the diseased plants along with the rhizomes and destroy them. Use disease free rhizomes at the time of planting. If the attack of banana aphids is noticed apply Dimethoate @ 15 ml per 10 liters of water three times at 15 days interval.

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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