



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 29<sup>th</sup> January to 02<sup>nd</sup> February, 2020)



Issue 8/2020

Date 28.01.2020

Duration 5 Days

Actual weather parameters recorded during last week  
(Dated 22<sup>nd</sup> to 28<sup>th</sup> January, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's  
(Valid for 29<sup>th</sup> January to 02<sup>nd</sup> February, 2020)

22/01	23/01	24/01	25/01	26/01	27/01	28/01	Date	29/01	30/01	31/01	01/02	02/02	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0	
36.0	37.0	37.0	37.0	37.0	35.5	34.0	Temp. Maximum (°C)	29	30	29	31	32	
18.5	16.5	16.5	17.0	17.0	17.0	19.0	Temp. Minimum (°C)	17	17	16	18	19	
Clear	Clear	Clear	Clear	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	1	0	0	2	4
Clear	Clear	Clear	Clear	Clear	Cloudy	Cloudy	PM						
90	88	89	91	85	85	92	RH - I (%)	86	72	66	76	67	
37	34	34	34	33	55	48	RH - II (%)	54	43	28	35	23	
1.3	1.5	1.4	1.4	1.2	1.3	1.4	Wind Speed (km/hr.)	006	010	008	007	004	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	63	122	96	68	71
ESE	ENE	WSW	WSW	ENE	WNW	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: Weather remain cold as well as cloudy during forthcoming weak.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Rice	Tillering	In rabi rice, maintain the water level 2-3 cm for first 8-10 days and increase the level up to 5 cm. If the incidence of rice leaf folder is observed on the rice crop, then need based spraying with Quinolphos 25% EC @ 2 ltr. or Trizophos 40% EC @ 625 ml or Lamda cyhalothrin 5% EC @ 250ml per 500 litres of water is recommended.
Horse gram and Cowpea	Flowering to 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	Flowering to 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	Branching	For early sown groundnut if the crop is one month old and flowering has been started, then earthing up should be done with the help of "Swastik" hoe developed by the University.
Mango	Flowering	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. There is a forecast of partial cloudy weather. In the district the inflorescence has been emerged in the mango crop. Under such conditions, need based spraying with Imidacloprid 17.8 % @ 3 ml or 50 % WDG Clothianidin @ 1.2 grams + Carbendazim 10 gms or Hexaconazole 5 ml or Sulphur 80 % WP @ 20 gms per 10 litres of water for control of mango hoppers and powdery mildew is suggested. The application of Imidacloprid should be done only once in the mango season to avoid resurgence of pests. In some places the flowering has been started in Mango. Under such conditions, need based spraying with Imidacloprid 17.8 % @ 3 ml or 50 % WDG Clothianidin @ 1.2 grams + Carbendazim 10 gms or Hexaconazole 5 ml or Sulphur 80 % WP @ 20 gms per 10 litres of water for control of mango hoppers and powdery mildew is suggested. The application of Imidacloprid should be done only once in the mango season to avoid resurgence of pests.
Cashewnut	Fruit Set	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.
Dairy Animals, Goat, Sheep Poultry		Protect the animals from cold during the night time as the night temperatures are decreasing. For protection of poultry birds from cold and cold winds during night, provide curtain/clothing from outside of poultry shed. Provide proper heat to small chicks of poultry with the help of electric bulbs.

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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