



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 21<sup>st</sup> to 25<sup>th</sup> August, 2019)



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Duration 5 Days

Actual weather parameters recorded during last week (Dated 14 <sup>th</sup> to 20 <sup>th</sup> August, 2019)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 21 <sup>st</sup> to 25 <sup>th</sup> August, 2019)				
14/08	15/08	16/08	17/08	18/08	19/08	20/08	Date	21/08	22/08	23/08	24/08	25/08	
10.6	62.2	19.8	4.8	0.0	17.0	0.0	Rainfall (mm)	6	9	12	20	7	
30.0	29.5	29.5	32.0	32.0	31.5	31.5	T maximum (°C)	33	32	32	30	32	
24.0	24.0	24.0	24.0	24.0	24.0	24.0	T minimum (°C)	24	23	24	24	23	
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Clear	Clear	AM	Cloud Cover (Octa.)	8	8	8	6	8
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM						
93	96	93	92	96	96	95	RH - I (%)	92	92	91	93	91	
85	84	78	66	72	80	80	RH - II (%)	69	72	72	80	75	
0.9	0.4	0.2	0.9	0.4	0.5	0.3	Wind Speed (km/hr.)	004	005	007	010	005	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	199	131	222	245	160
WSW	WSW	WNW	Calm	WSW	ENE	WNW	PM						
Rainfall (mm) in last year (2018)				Rainfall (mm) from 01/01/19 to till dated			Rainfall (mm) from 01/06/19 to till dated			Rainfall (mm) in last week			
3269.2				3449.7			3449.7			114.4			

General Weather condition in forthcoming 5 days: Moderate rain is predicted in forthcoming 5 days.

### Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Rice	Panicle Initiation	There is a forecast of moderate rains in the forthcoming week. The early variety of Rice crop is in maximum tillering stage and initiation of flowering stage. Maintain water level of 5-10 cm by bunding rice field. If the incidence blue beetle is observed on the rice crop, then need based spraying with Quinalphos 25 EC @ 40 ml or Triazophos 40 EC @ 12.5 ml or Lambda cyhalothrin 5 EC @ 5 ml per 10 liter of water on the whole crop is recommended.
Finger millet	Tillering	For Naglii crop apply second dose of nitrogenous fertilizers i.e.800 gms of urea per R area with better intercultural operations. Due to dry period the application of second split of nitrogen i.e. 40 kg Urea should be applied to the crop after weeding. It is needful to maintain cleanliness in finger millet 25 to 30 days after sowing.
Groundnut	Flowering	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	-	For control of dieback disease of mango, spraying with copper oxychloride 0.3 per cent (30 grams/10 liter of water) or 1% Bordeaux mixture is advocated. If there is oozing of gum from matured branches, then scrap the infected branch and apply paste of Copper oxychloride or Bordeaux mixture to the affected portion. The stone grafting programme in the mango nursery should be continued. Water the grafts frequently. If the application of fertilizer is completed in Mango, it is advocated to apply paclobutrazol during 15 <sup>th</sup> July to 31 <sup>st</sup> August for regular bearing in Mango for trees having age more than 10 years. It is applied as per the canopy of tree i.e. East-West of the canopy is 5 meters and North-South length of canopy is 3 meters, the average canopy will be 4 meters. Chemical (cultar) contains 23 per cent active ingredient of paclobutrazol. So it should be given @ 3 ml/meter canopy of the tree. For 4 meters the dose will be 12 ml/tree. Calculated quantity of paclobutrazol should be mixed in 3 to 6 litres of water as per the canopy of the tree. Apply paclobutrazol solution below the tree canopy i.e. by making 25 to 30 holes 15 cm deep inside the fertilizer ring. In each hole apply 100 ml solution. Weeding should be done before and after application of paclobutrazol. There should be sufficient moisture in the soil during application. (Note - Add sticker @ 1 ml/1 litre of spray solution at the time of spraying of insecticides/fungicides)
Cashewnut	-	If the incidence CSRB is noticed in cashew, remove the grubs with the help of 15 mm chisel and application of Chloropyrifos 10 ml in infested holes on Cashew plant and drenching the remaining solution around tree trunk near the ground region is advocated. Cut the dead wood and diseased branches and apply 1% Bordeaux paste to the cut surface.
Coconut Arecanut	Fruit set	If remaining, apply manures and fertilizers Coconut and Arecanut as per recommended by the University. Do not apply manures/fertilizers during heavy rains.
Vegetable	Fruit set	Installation of Rakshak fruit fly traps @ 4 traps/ha for control of fruit fly in gourd crops is advocated Protect the vegetables crops from pests like leaf eating caterpillars, aphids etc. by spraying 2 ml of Malathion or 1.5 ml of Dimethoate per litre of water for their control.
Dairy Animals, Goat, Sheep Poultry		Planting of biennial forage crops like Paragrass, Napier, Gajraj etc. is advocated. Protection of poultry from rains and sun's heat is advocated. Provide fresh and cool drinking water to poultry birds and chicks.

This Agro Advisory Bulletin (AAB) is prepared and published with the consolation and recommendation of SMS committee of "Gramin Krishi Mousam Seva (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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