



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> September, 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> September, 2019)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 21 <sup>st</sup> to 25 <sup>th</sup> September, 2019)				
14/09	15/09	16/09	17/09	18/09	19/09	20/09	Date	21/09	22/09	23/09	24/09	25/09	
5.2	12.8	34.6	39.0	4.4	33.9	12.3	Rainfall (mm)	10	11	8	4	4	
30.0	31.0	31.0	28.0	31.0	29.0	30.0	T Maximum (°C)	29	29	28	30	30	
24.0	24.0	23.0	23.5	24.0	24.0	24.0	T Minimum (°C)	24	25	24	24	24	
Cloudy	Cloudy	Cloudy	Clear	Cloudy	Cloudy	Clear	AM	Cloud Cover (Octa.)	6	7	5	3	8
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Clear	PM						
95	96	93	95	95	96	95	RH - I (%)	94	94	94	93	92	
78	66	90	67	83	92	71	RH - II (%)	76	77	79	70	69	
1.3	0.9	0.8	0.1	0.6	0.1	0.2	Wind Speed (km/hr.)	009	009	006	005	004	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	182	170	125	117	96
WNW	WNW	Calm	WSW	Calm	Calm	WSW	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			4163.3			4163.3			142.2				

General Weather condition in forthcoming 5 days: Light rain and cloudy weather is predicted in forthcoming 5 days.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Rice	Grain Filling	Maintain 10 cm water level in rice field before 10 days and after 10 days of panicle initiation stage of rice and maintain 5 cm water level in grain filling stage. The incidence of rice leaf folder and blue beetle has been observed on the rice crop in some parts of the district. For control of rice leaf folder, need based spraying with 25 % Quinalphos 18 ml or 40% triazophos 13 ml or 5% lambda cyhalothrin 5 ml per 10 liters of water is recommended. Incidence of blue beetle is observed on the rice crop, 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.
Groundnut	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	-	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. Keep the paclobutrazol applied trees free from weeds by weeding or applying weedicide Gramoxone. Sanitation of Mango orchard is advocated.
Cashewnut	-	Due to continues and heavy rainfall, leaffall/leafrot and Dieback of cashew is observed in the garden. Collect the infected leaves and buried it in to pit away from garden also cut the infected branches and apply Bordo Paste on it. To control of leaffall/leafrot and Dieback of cashew spraying with Metalaxil 8% + Mancozeb 64%, 20 gram in 10 liter of water is advocated.
Coconut Arecanut	Fruit Set	For control of leaf spot of Coconut and Koleroga (fruit drop) disease of Arecanut, spraying of 1% Bordo mixture in the orchard is suggested.
Banana	Fruiting	If the attack of banana aphids is noticed apply Dimethoate @ 15 ml per 10 litres of water three times at 15 days interval.
Vegetable	Fruit set	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, Poultry	--	Vaccination to cows, buffaloes and goats against foot and mouth disease is advocated. Vaccination to Goats against PPR disease under the supervision of veterinary officer is advocated. Protection of poultry from rains is advocated.
Fishery	--	Seed production and screening programme of ornamental fish should be initiated and carried on. After procurement, store the fingerlings @ 10000 nos. per ha in the conservation ponds and feed them two times a day (morning and evening) @ 8 to 10 per cent of their body weight.

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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