



Ministry of Earth Science, India Meteorological Department is collaborated with  
 Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli,  
**Gramin Krishi Mousam Seva Project,**  
 College of Horticulture, Mulde  
 Agro Advisory Bulletin For The District Sindhudurg  
 (Period 25<sup>th</sup> to 29<sup>th</sup> September, 2019)



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Duration 5 Days

Actual weather parameters recorded during last week (Dated 18 <sup>th</sup> to 24 <sup>th</sup> September, 2019)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 25 <sup>th</sup> to 29 <sup>th</sup> September, 2019)				
18/09	19/09	20/09	21/09	22/09	23/09	24/09	Date	25/09	26/09	27/09	28/09	29/09	
4.4	33.9	12.3	0.0	7.2	0.0	0.0	Rainfall (mm)	8	24	27	16	12	
31.0	29.0	30.0	31.0	31.5	32.5	32.5	Temp. maximum (°C)	33	35	33	31	32	
24.0	24.0	24.0	24.0	24.0	24.0	24.0	Temp. minimum (°C)	24	25	24	25	24	
Cloudy	Cloudy	Clear	Cloudy	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	8	8	8	8	
Cloudy	Cloudy	Clear	Cloudy	Clear	Cloudy	Cloudy	PM						
95	96	95	92	95	90	93	RH - I (%)	96	96	97	96	95	
83	92	71	66	66	63	72	RH - II (%)	74	74	72	83	65	
0.6	0.1	0.2	1.0	2.1	1.3	0.6	Wind Speed (km/hr.)	005	004	008	007	007	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	65	134	154	145	
Calm	Calm	WSW	WSW	WSW	WNW	Calm	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			4170.5			4170.5			57.8				

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

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Rice	Grain Filling	Incidence of <b>brown plant hopper</b> will be observed if found, to control spraying of <i>Emidacloprid</i> 17.8% EC @ 100 ml. per 500 liters of water is advocated. 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	If found Incidence of <b>leaf eating caterpillar</b> on groundnut, spraying of <i>Quinolphos</i> 25% @ 1000 ml. per 500 ltr. of water on 1 hector of crop is advocated.
Mango	-	Protect the new flush from mango hoppers, leaf eating caterpillars, shoot borer and midge fly. If incidence is noticed, spraying with <i>Dimethoate</i> 25 EC @ 12 ml or <i>Monocrotophos</i> 36 WSC @ 11 ml per 10 litres of water as per need is advocated. 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	-	If the incidence of <b>cashew stem rot borer</b> is found to control cashew stem rot borer remove the bark of affected stem with help of 15 mm knife and remove the cashew stem rot borer from stem and soak the stem in to the paste of <i>Cloropyriphos</i> 20% EC @ 10 ml. per 10 liter water is advocated. 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.
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 <i>Dimethoate</i> 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 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 Mousam Sewa (GKMS)", Regional Fruit Research Station, Vengurle and College of Horticulture, Mulde Dr. B.S.Konkan Krishi Vidyapeeth, Dapoli 416 520 (MS).

Dr. P.C. Haldavanekar  
 Associate Dean  
 College of Horticulture, Mulde  
 Tal. Kudal Dist. Sindhudurg

Dr. P.C. Haldavanekar  
 Associate Dean and Nodal Officer  
 College of Horticulture, Mulde  
 Tal. Kudal Dist. Sindhudurg  
 (02362-244231,244272)

Dr. Y. C. Muthal  
 Technical Officer  
 Gramin Krishi Mousam Seva  
 College of Horticulture, Mulde  
 (02362-244231)

