



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



Issue 66/2019

Date 16.08.2019

Duration 5 Days

Actual weather parameters recorded during last week (Dated 10 <sup>th</sup> to 16 <sup>th</sup> August, 2019)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 17 <sup>th</sup> to 21 <sup>st</sup> August, 2019)				
10/08	11/08	12/08	13/08	14/08	15/08	16/08	Date	17/08	18/08	19/08	20/08	21/08	
63.4	45.9	27.0	14.8	10.6	62.2	19.8	Rainfall (mm)	28	24	35	12	10	
29.0	29.5	29.5	30.0	30.0	29.5	29.5	T maximum (°C)	29	30	30	29	30	
23.5	23.5	23.0	23.0	24.0	24.0	24.0	T minimum (°C)	23	23	23	23	23	
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	6	8	8	8	7
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM						
89	85	97	97	93	96	93	RH - I (%)	94	92	94	94	92	
84	77	85	78	85	84	78	RH - II (%)	84	75	76	82	76	
5.9	3.1	2.0	0.7	0.9	0.4	0.2	Wind Speed (km/hr.)	010	006	005	005	004	
WSW	WSW	WSW	Calm	Calm	Calm	Calm	AM	Wind Direction	258	207	199	170	189
WSW	WNW	WSW	WNW	WSW	WSW	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			3427.9			3427.9			243.7				

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	Tillering	Rice crop is in tillering stage so maintain 5 cm water level in rice field. Application of second dose of fertilizers i.e. 870 gm of Urea per R area, if the crop has completed one month after transplanting. If the incidence of rice leaf folder is observed on the rice crop, then need based spraying with 25 % Quinalphos 18 ml or 40% triazophos 13 ml or 5% lambda cyhalothrin 5 ml per 10 liter of water is recommended. 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. For control of blast disease in rice, need based application of Tricyclazole 10 grams or isoprothiolane 10 ml per 10 liter of water is suggested. To control the weeds on field bunds, spraying of herbicide Gramoxzone @ 3 ml per lit. of water is advocated.
Nagali	Tillering	For Nagli crop apply second dose of nitrogenous fertilizers i.e.800 gms of urea per R area with better intercultural operations
Groundnut	Vegetative	Weeding should be done in groundnut at 30 to 35 days after sowing and earthing up operation should be carried out in the ground nut crop with the help of Swastik after weeding. Drain out excess water from groundnut field wherever necessary and weeding should be done in groundnut field.
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 Chloropyriphos 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	For control of leaf spot of Coconut and Koleroga (fruit drop) disease of Arecanut, spraying of 1% Bordo mixture in the orchard is suggested.
Vegetable	Fruit set	Proper support should be given to gourd crops. Apply first one third dose of urea @ 720 to 870 grams per R area to vegetable crops.

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. Haldavaneekar  
Associate Dean  
College of Horticulture, Mulde  
Tal. Kudal Dist. Sindhudurg

Dr. B. N. Sawant  
Associate Director of Research and Nodal Officer  
Regional Fruit Research Station, Vengurle  
(02366-262234/262693)

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