



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 07<sup>th</sup> to 11<sup>th</sup> September, 2019)



Issue 72/2019

Date 06.09.2019

Duration 5 Days

Actual weather parameters recorded during last week  
(Dated 30<sup>th</sup> August to 06<sup>th</sup> September, 2019)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's  
(Valid for 07<sup>th</sup> to 11<sup>th</sup> September, 2019)

30/08	01/09	02/09	03/09	04/09	05/09	06/09	Date	07/09	08/09	09/09	10/09	11/09	
42.4	46.8	32.0	5.2	80.0	87.6	68.7	Rainfall (mm)	32	43	36	40	32	
31.5	32.0	32.0	31.0	31.0	31.0	31.0	T Maximum (°C)	29	29	30	29	30	
23.0	23.0	23.0	23.0	23.0	24.0	23.0	T Minimum (°C)	24	24	24	24	23	
Cloudy	Clear	Clear	Clear	Clear	Clear	Cloudy	AM	Cloud Cover (Octa.)	8	8	8	6	5
Cloudy	Clear	Clear	Cloudy	Cloudy	Cloudy	Cloudy	PM						
96	95	92	96	90	95	96	RH - I (%)	93	93	93	94	94	
72	66	72	66	66	71	71	RH - II (%)	90	89	88	86	84	
0.2	1.3	1.3	1.3	1.4	1.8	1.5	Wind Speed (km/hr.)	20	21	18	13	3	
Calm	Calm	Calm	Calm	Calm	ENE	Calm	AM	Wind Direction	260	256	251	256	183
WSW	WSW	WSW	WSW	WSW	WSW	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			3932.2			3932.2			362.7				

**General Weather condition in forthcoming 5 days:** Heavy rain is predicted and wind speed will be increased in forthcoming 5 days.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Rice	Panicle Initiation	There is a forecast of heavy 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. Application of third dose of nitrogenous fertilizers at flowering stage i.e. 435 gm Urea per R (100 m <sup>2</sup> ) area is advocated. Regular supervision of the rice field should be carried out for any incidence of pests or diseases. Cleaning of bunds and proper drainage of water should be done. To control the weeds on field bunds, spraying of herbicide Gramoxzone @ 3 ml per lit. of water is advocated. 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. 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.
Finger millet	Tillering	For Nagli 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. Keep the paclobutrazol applied trees free from weeds by weeding or applying weedicide Gramoxone. Sanitation of Mango orchard is advocated.
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. There may be incidence of downy mildew and powdery mildew on vegetables. For their control need based spraying of crop with Dithane M-45 or Dithane Z-78 each @ 2.5 gm/lit. of water at an interval of 10 to 15 days.
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.Konkarn Krishi Vidyapeeth, Dapoli 416 520 (MS).

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