



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 27<sup>th</sup> to 31<sup>st</sup> July, 2019)



Issue 60/2019

Date 26.07.2019

Duration 5 Days

Actual weather parameters recorded during last week  
(Dated 20<sup>th</sup> to 26<sup>th</sup> July, 2019)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's  
(Valid for 27<sup>th</sup> to 31<sup>st</sup> July, 2019)

20/07	21/07	22/07	23/07	24/07	25/07	26/07	Date	27/07	28/07	29/07	30/07	31/07	
16.6	3.0	10.8	51.9	116.9	69.8	40.2	Rainfall (mm)	70	60	45	47	35	
31.0	32.0	32.0	32.0	30.0	28.0	28.0	T Maximum (°C)	29	29	30	30	30	
24.0	24.0	24.0	24.0	23.0	23.0	23.5	T Minimum (°C)	23	24	24	24	24	
Cloudy	Cloudy	Cloudy	Clear	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	8	8	8	7	5
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM						
93	92	84	93	96	95	93	RH - I (%)	92	92	91	90	89	
72	72	66	92	92	92		RH - II (%)	85	87	83	80	77	
0.2	2.1	2.8	3.7	1.6	0.3	0.3	Wind Speed (km/hr.)	016	016	014	016	016	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	271	262	254	258	257
WSW	WSW	WNW	WSW	WNW	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			2034.6			2034.6			309.2				

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

### Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Rice	Seedling	If remaining, complete the transplanting operations up to the end of this month. Application of second dose of fertilizers i.e. 870 gm of Urea per R area, if the crop has completed one month after transplanting. Before application of fertilizers, complete weeding operation and remove water. After application of fertilizers store water in the field. Regular supervision of the rice field should be carried out for any incidence of pests or diseases. For control of blast disease in rice, need based application of Tricyclazole 10 gms or isoprothiolane 10 ml per 10 litres of water is suggested. Use Beataclor herbicide in highly drained soil @ 30 ml 50 EC Beataclor per guntha 4 days after transplanting in paddy. Ensure water stagnant condition after spraying. <b>Drain out excess water from rice field wherever necessary.</b>
Nagli	Seedling	If the nagli seedlings are 15 days old, the do the weeding and give 1 <sup>st</sup> dost of Urea @ 1kg/seed bed in the nursery. For transplanting, ploughing should be done perpendicular to the slope. Application of 870 gms of urea and 2.5 kg of SSP/R area is recommended.
Groundnut	Sowing	Complete the sowing of kharif groundnut as early as possible. Use Beataclor or Oxydizol herbicide in groundnut @ 1.5 or 0.5 kg a.i. per hectore in 500 to 600 liter water. Spraying by herbicide should be done in dry period. <b>Drain out excess water from groundnut field wherever necessary.</b>
Mango	-	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. Protect the new flush from mango hoppers, leaf eating caterpillars, shoot borer and midge fly. If incidence is noticed, spraying with Dimethoate 25 EC @ 12 ml or Monocrotophos 36 WSC @ 11 ml per 10 litres of water as per need is advocated.
Cashew	-	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. <b>Cut the dead wood and diseased branches and apply 1% Bordeaux paste to the cut surface.</b>
Cashew, Coconut, Arecanut & Sapota		For control of leaf spot of Coconut and Koleroga (fruit drop) disease of Arecanut, spraying of 1% Bordo mixture in the orchard is suggested. <b>Apply manures and fertilizers to cashew, coconut, arecanut and sapota etc. as per recommended by the University. For five years old plant of Coconut, application of first dose of N (750 g urea) and K (660 g MoP) along with sufficient quantity (5 ghamelas) of FYM and 3 kg of SSP is recommended. There should be enough moisture in the soil during the application.</b>
Vegetables	Seedling	Drain out excess water from the cucurbits field wherever necessary.

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. 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)