



Ministry of Earth Science, India Meteorological Department is collaborated with
Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli,
Gramin Krishi Mousam Sewa Project,
College of Horticulture, Mulde
Agro Advisory Bulletin For The District Sindhudurg
(Period 25th to 29th July, 2020)



Issue 58/2020

Date 24.07.2020

Duration 5 Days

Actual weather parameters recorded during last week
(Dated 17th to 23rd July, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
(Valid for 25th to 29th July, 2020)

17/07	18/07	19/07	20/07	21/07	22/07	23/07	Date	25/07	26/07	27/07	28/07	29/07	
45.5	125.6	66.8	34.2	1.2	1.2	0.0	Rainfall (mm)	67	65	62	42	24	
27.0	27.0	29.0	31.0	31.0	31.0	31.5	Temp. Maximum (°C)	33	33	33	31	30	
23.0	23.0	23.0	23.0	24.0	24.0	24.5	Temp. Minimum (°C)	24	24	24	24	24	
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	8	8	8	5	8
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM						
98	98	95	96	97	93	98	RH - I (%)	91	87	92	91	91	
98	90	95	78	78	72	72	RH - II (%)	67	66	73	80	72	
0.1	0.3	0.2	0.2	0.2	0.9	0.5	Wind Speed (km/hr.)	03	008	007	007	003	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	Easterly/ South East	Southerly/ South East	Southerly/ South West	Southerly/ South West	Southerly/ South West
ENE	ENE	Calm	WSW	WSW	WSW	Calm	PM						

Rainfall (mm) in last year (2019)	Rainfall (mm) from 01/01/20 to till dated	Rainfall (mm) from 01/06/20 to till dated	Rainfall (mm) in last week
4591.0	2420.0	2416.8	274.5

General Weather condition in forthcoming 5 days: In Sindhudurg district, heavy rains are expected in most parts of the district on July 25 and 26 and moderate rains in most parts of the district on July 27, 28 and 29. The weather is likely to remain humid and completely cloudy with some degrees increase in temperature. This forecast has been made by the Regional Meteorological Center, Mumbai.
Warning: Heavy rain is expected in Sindhudurg district on 25th, 26th and 27th July, 2020 at isolated places.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Paddy	Tillering	The intensity of rainfall has become less in the district. If required, provide water from outside source such as wells, ponds, rivers etc. for rice crop. There is a forecast of light to moderate rains in the forthcoming week. 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. Maintain water level of 5 cm by bunding rice field. Cleaning of bunds and proper drainage of water should be done. Use of Urea-DAP briquettes as per the recommendation of university is advocated. It is advocated to maintain proper level of water in the rice field. For control of blast disease in rice, need based application of Carbendazim 10 gms or copper oxychloride 25 gms per 10 litres of water is suggested.
Finger Millet	Transplanting to seedling	The intensity of rainfall has become less in the district. If required, provide water from outside source such as wells, ponds, rivers etc. for finger millet crop. If remaining, complete the transplanting operations up to the end of this month.
Groundnut	Sowing	In groundnut field, proper drainage of water should be done and weeding should be done 20 days after sowing.
Mango	New flush	If the application of fertilizer is completed in Mango, it is advocated to apply paclobutrazol during 15 th July to 31 st 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 nut	-	Newly planted cashew grafts should be supported by bamboo sticks and grafts basin should be kept weed free and clean. Newly planted cashew grafts should be supported by bamboo sticks and grafts basin should be kept weed free and clean. If the incidence CSRB is noticed in cashew, remove the grubs with the help of 15 mm chisel and soak the stem in to the paste of fipronil 5% SC @ 2 ml per liter of water (5 liter of water is sufficient for one tree) is advocated. Cut the dead wood and diseased branches of cashew and apply 1% Bordeaux paste to the cut surface.
Vegetables	Vegetative	Complete the weeding operation in vegetable and apply first one third dose of urea @ 720 to 870 gms per R area to vegetable crops by ring method.
Dairy Animals and Goat	Vaccination to Cows and Buffaloes against Black quarter and H.S. disease under the supervision of veterinary officer is advocated.	

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).

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