



Ministry of Earth Science, India Meteorological Department is collaborated with
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Gramin Krishi Mousam Sewa Project,
College of Horticulture, Mulde
Agro Advisory Bulletin For The District Sindhudurg
(Period 22nd to 26th July, 2020)



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Date 21.07.2020

Duration 5 Days

Actual weather parameters recorded during last week
(Dated 14th to 20th July, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
(Valid for 22nd to 26th July, 2020)

14/07	15/07	16/07	17/07	18/07	19/07	20/07	Date	22/07	23/07	24/07	25/07	26/07
19.8	52.4	57.6	45.5	125.6	66.8	34.2	Rainfall (mm)	9	8	29	9	11
27.0	26.0	26.0	27.0	27.0	29.0	31.0	Temp. Maximum (°C)	33	34	33	33	33
23.5	23.0	23.0	23.0	23.0	23.0	23.0	Temp. Minimum (°C)	24	25	25	25	24
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	8	8	8	8
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM					
96	93	96	98	98	95	96	RH - I (%)	92	91	90	89	90
98	98	98	98	90	95	78	RH - II (%)	69	68	75	79	67
0.2	0.0	0.0	0.1	0.3	0.2	0.2	Wind Speed (km/hr.)	002	006	005	006	007
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	Southerly/ South East	West	South East	South East
Calm	Calm	Calm	ENE	ENE	Calm	WSW	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	2418.8	2415.6	403.1

General Weather condition in forthcoming 5 days:

In Sindhudurg district light rain is expected on 22 & 23 July at many places and 25 & 26 July at most places as well as moderate rainfall is expected on 24th July, 2020. Also temperature will be increased by some degrees in upcoming 5 days and the weather is likely to be humid and completely cloudy in next 5 days. This forecast has been made by the Regional Meteorological Center, Mumbai.
Warning: Heavy rains are expected in isolated places in Sindhudurg district on July 26th, 2020.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Paddy	Tillering	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	If remaining, complete the transplanting operations up to the end of this month. Transplanting of the Finger Millet should be carried out in drizzling rain or in cloudy weather, planting should be done across the slope of land also to increase production transplant 30 days old seedling by the spacing of 20 cm between rows and 15 cm between plant and two seedling per hill should be planted.
Groundnut	Sowing	Complete the sowing of <i>kharif</i> groundnut as early as possible.
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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