



Ministry of Earth Science, India Meteorological Department is collaborated with  
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**Gramin Krishi Mousam Sewa,**  
College of Horticulture, Mulde  
Agro Advisory Bulletin For The District – Sindhudurg.  
(Period 17<sup>th</sup> to 21<sup>st</sup> October, 2020)



Issue 82/2020							Date 16.10.2020		Duration 5 Days				
Actual weather parameters recorded during last week (Dated 09 <sup>th</sup> to 15 <sup>th</sup> October, 2020)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 17 <sup>th</sup> to 21 <sup>st</sup> October, 2020)				
09/10	10/10	11/10	12/10	13/10	14/10	15/10	Date		16/10	17/10	18/10	19/10	20/10
0.0	0.0	19.5	34.9	0.0	27.2	27.6	Rainfall (mm)		15	4	0	5	21
33.0	33.0	33.0	33.0	33.0	33.0	26.5	Temp. maximum (°C)		32	32	31	31	30
26.0	24.0	23.0	22.0	23.5	23.5	22.0	Temp. minimum (°C)		23	24	23	24	24
Clear	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	5	5	5	8	8
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM						
92	93	96	98	95	96	98	RH - I (%)		94	93	94	93	94
71	85	85	85	85	93	90	RH - II (%)		79	71	69	71	82
0.1	0.3	0.3	0.2	0.0	0.1	0.1	Wind Speed (km/hr.)		008	006	005	003	004
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	South East	South East	Easterly/ South East	South East	South
WSW	WSW	WSW	WSW	Calm	Calm	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			4704.8			4701.6			150.4				

**General Weather conditions in forthcoming 5 days:** In Sindhudurg district during the next five days from 17<sup>th</sup> to 21<sup>st</sup> October, 2020 on 17<sup>th</sup> October in most places moderate rain, there is a possibility of light rain in some places between October 18 to 20 and moderate rain in many places on October 21. At the same time, the temperature rises by a few degrees and the weather is likely to be humid and completely cloudy. This forecast has been made by the Regional Meteorological Center, Mumbai.

**Warning:** Heavy rains are expected in isolated places in Sindhudurg district on October 17, 2020.

**General Advisory** Marine Fishing - On 17<sup>th</sup> October, due to the possibility of heavy rains in isolated places and the sea conditions are turbulent, marine fishermen should not go into the deep sea.

**SMS Advisory** Due to the possibility of heavy rains on October 17 in the district, agricultural produce should be stored in a safe place.

**Weather Forecast Based Agro-Advice**

Name of Crop	Growth Stage	Advisory
Paddy	Early varieties:- Harvesting	There was moderate to heavy rain last week and light to moderate rain is expected in the next five days. Arrangements should be made for immediate removal of water from the paddy fields if the paddy crop has rotted in many places in the district due to last week's heavy rains. Also, roll the rolled rice and store it in a safe place. Excess water should be drained in the district where proud paddy crop has been rolling. Also keep the water level up to 5 cm as the rice crop is in the filling stage.
	Mid late & late varieties :- Grain filling	
Finger Millet	Harvesting	If due to last week's heavy rains, finger millet crop has rotted in many places in the district, it should be harvested and threshed and kept in a safe place.
Groundnut	Peg formation	If there is water retention in groundnut crop in many parts of the district due to last week's heavy rains, additional water should be drained out.
Mango	New flush	If there is water retention in mango orchards in many parts of the district due to last week's heavy rains, additional water should be drained out. Keep the paclobutrazol applied trees free from weeds by weeding or applying weedicide Gramoxone. Sanitation of Mango orchard is advocated. Due to the sudden and intermittent rain, rise in temperature and cloudy weather the incidence of pest may occur on the new flush on mango so 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. For control of anthracnose on new flush of mango, application of Propineb @ 20 gm. or Thiophenate methyl @ 10 gm. or Carbendazim @ 10 gm. per 10 liter of water as per need is advocated. For control of dieback disease of mango, spraying with copper oxychloride 0.3 per cent (30 gms/10 litres 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. Cutting diseased, dried branches, Loranthus parasite and apply 1 per cent Bordeaux mixture to the cut surface is advocated. At time of spraying sticky substance like sticker should be mix with pesticide/fungicide solution @ 1 ml/liter of water.

Cashew nut	-	<p>Excess water should be drained from the cashew orchard in the low land area.</p> <p>Considering the possibility of heavy rains in the next five days, spraying for pest control and disease control in cashew orchards should be postponed till further notice.</p> <p>Due to the sudden and intermittent rain, rise in temperature and cloudy weather Cashew orchards are getting new leaves flush in the district Cashew growers should be vigilant to prevent the infestation of Tea mosquito bug, In case of infestation, monocrotophos 36% EC @ 15 ml or lambda cyhalothrin 5% @ 6 ml. Spray in 10 liters of water.</p> <p>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.</p> <p>To control Dieback disease on cashews, cut the branches and apply 1% Bordeaux paste on it. After the end of rainfall season, spray 1% Bordeaux mixture all over the garden.</p> <p>At time of spraying sticky substance like sticker should be mix with pesticide/fungicide solution @ 1 ml/liter of water.</p>
Coconut	Fruit Development	Excess water should be drained out if coconut groves in many parts of the district remain waterlogged due to last week's heavy rains.
Arecanut	Fruit Development	<p>If there is water retention in betel orchards in many parts of the district due to last week's heavy rains, additional water should be drained out.</p> <p>Koleroga (fruit drop) disease of Arecanut, spraying of 1% Bordo mixture in the orchard is suggested.</p>
Vegetable	Fruiting	<p>Excess water should be drained out if there is water retention in vegetable crop in most parts of the district due to last week's heavy rains.</p> <p>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.</p>
<p>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.Konkan Krishi Vidyapeeth, Dapoli 416 520 (MS).</p>		
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