



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 21<sup>st</sup> to 25<sup>th</sup> October, 2020)



Issue 83/2020							Date 20.10.2020		Duration 5 Days				
Actual weather parameters recorded during last week (Dated 13 <sup>th</sup> to 19 <sup>th</sup> October, 2020)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 21 <sup>st</sup> to 25 <sup>th</sup> October, 2020)				
13/10	14/10	15/10	16/10	17/10	18/10	19/10	Date		21/10	22/10	23/10	24/10	25/10
0.0	27.2	27.6	41.2	0.0	0.0	0.0	Rainfall (mm)		26	20	19	9	3
33.0	33.0	26.5	30.0	31.0	32.5	32.5	Temp. maximum (°C)		31	35	34	32	36
23.5	23.5	22.0	21.5	21.5	22.0	22.0	Temp. minimum (°C)		24	24	24	23	24
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Clear	AM	Cloud Cover (Octa.)	7	5	8	6	7
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Clear	Clear	PM						
95	96	98	98	98	93	95	RH - I (%)		95	94	95	95	95
85	93	90	71	71	72	65	RH - II (%)		72	75	76	76	56
0.0	0.1	0.1	0.5	0.6	0.3	0.2	Wind Speed (km/hr.)		006	004	006	006	005
Calm	Calm	Calm	ESE	Calm	Calm	Calm	AM	Wind Direction	Easterly/ North East	Easterly/ South East	Easterly/ South East	East	East
Calm	Calm	Calm	WSW	WSW	WSW	WNW	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			96.0				

**General Weather conditions in forthcoming 5 days:**  
In Sindhudurg district during the next five days between 21<sup>st</sup> to 25<sup>th</sup> October, 2020, moderate rains is expected in few places on 21<sup>st</sup> October, moderate rains is expected in most places on 22<sup>nd</sup> October, moderate rains is expected in many places on 23<sup>rd</sup> October and On October 24 and 25, light rain is expected in few places. At the same time, the weather is likely to remain humid and completely cloudy with a slight rise in temperature. This forecast has been made by the Regional Meteorological Center, Mumbai.

**Warning:**  
In Sindhudurg district, there is a possibility of thunderstorm accompanied with lightning from 21<sup>st</sup> to 23<sup>rd</sup> October. Also, heavy rains are expected in isolated places on October 22. Such a warning has been issued by the Regional Meteorological Center, Mumbai.

**General Advisory**  
There was moderate rain last week and light to moderate rain is expected in the coming week. At the same time, due to the possibility of increase in temperature, the weather is conducive to germination. Therefore, brinjal, chilli, okra etc. Fruity vegetables as well as watermelon and musk melon etc. cucurbitaceous fruits should be sown.

**SMS Advisory**  
In the next 3 days, there is a possibility of thunderstorms harvesting of paddy crops should be done by looking at the rainfall forecast.

**Weather Forecast Based Agro-Advice**

Name of Crop	Growth Stage	Advisory
Paddy	Early varieties:- Harvesting	There was moderate rain in last week and light to moderate rain is expected in the next five days. Considering the possibility of moderate rainfall in the next 3 days, harvesting of paddy varieties should be done by looking at the rainfall forecast. If paddy crop are ready to be harvested, arrangements should be made to remove water from the field 8 to 10 days before harvest. No pesticide / fungicide spray or dusting should be done on paddy 8 days before harvesting.
	Mid late & late varieties :- Grain filling	In the district rice crop are ready for harvest. The paddy should be cut near the ground from morning to noon at the place where the paddy is ready for harvesting. The harvested paddy crop should be followed by threshing and keeping the grains in a dry and safe place for drying. Vaibhav sickle developed by the university should be used for paddy harvesting so that the paddy is cut near the ground. Arrangements should be made to keep the paddy crop straw in a safe place after threshing. So that the straw will not get wet in the rain and good fodder will be available to the animals.
Finger Millet	Harvesting	Considering the possibility of moderate rainfall in the next 3 days, harvesting of finger millet crop should be done by looking at the rainfall forecast. Finger millet crop in the district is ready for harvest. Where the finger millet crop is ready for harvesting, the finger of finger millet crop should be cut from morning to noon with the help of sickle. The harvested finger millet crop should be followed by threshing and keeping the grains in a dry and safe place.
Groundnut	Peg formation	The groundnut crop in the district is in the stage of pod development. Also, considering the possibility of light to moderate rains in the next 5 days, if water remains in the groundnut crop, additional water should be drained out.
Mango	New flush	Outbreaks appear to be exacerbated during last week's heavy downpours in areas where new flush of mango have been torn off in such places the incidence of anthracnose may observed. If incidence is noticed spraying with Propineb @ 20 gm. or Thiophenate methyl @ 10 gm. or Carbendazim @ 10 gm. per 10 liter of water as per need is advocated. Protect the new flush from mango hoppers, leaf eating caterpillars, shoot borer. 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.

		<p>Considering the possibility of light to moderate rains in the next 5 days, if water remains in the mango orchard, additional water should be drained out.</p> <p>Keep the paclobutrazol applied trees free from weeds by weeding or applying weedicide Gramoxone. Sanitation of Mango orchard is advocated.</p> <p>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.</p> <p>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.</p> <p>At time of spraying sticky substance like sticker should be mix with pesticide/fungicide solution @ 1 ml/liter of water.</p>
Cashew nut	-	<p>Considering the possibility of light to moderate rains in the next 5 days, if water remains in the cashew orchard, additional water should be drained out. 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 cloudy weather and intermittent rainfall, the incidence of anthracnose may be found on cashew. If incidence is found spraying with 1% Bordo mixture or Carbendanzim 12% + Mancozeb 63% @ 10gm/10ltr. of water is addocated.</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>At time of spraying sticky substance like sticker should be mix with pesticide/fungicide solution @ 1 ml/liter of water.</p>
Coconut	Fruit Development	<p>Considering the possibility of light to moderate rains in the next 5 days, if water remains in the Coconut garden, additional water should be drained out.</p>
Arecanut	Fruit Development	<p>Considering the possibility of light to moderate rains in the next 5 days, if water remains in the Arecanut garden, 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>Considering the possibility of light to moderate rains in the next 5 days, if water remains in the field, additional water should be drained out.</p>
Milch Animal	-	<p>As light rain is expected in scattered places with thunderstorms accompanied with lightning from 21<sup>st</sup> to 23<sup>rd</sup> October, 2020, farmers should be careful while working in the fields to avoid lightning. Also, to protect the dairy animals released from grazing from lightning, the dairy animals should be kept in a safer place.</p>
<p>Note - As there is a possibility of light to moderate rain in isolated places for next 5 days, spraying of pesticides and fungicides should be done in the absence of rainfall. At time of spraying sticky substance like sticker should be mix with pesticide/fungicide solution @ 1 ml/liter of water.</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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