



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 09<sup>th</sup> to 13<sup>th</sup> January, 2021)



Issue 03/2021							Date 08.01.2021		Duration 5 Day's				
Actual weather parameters recorded during last week (Dated 01 <sup>st</sup> to 07 <sup>th</sup> January, 2021)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 09 <sup>th</sup> to 13 <sup>th</sup> January, 2021)				
01/01	02/01	03/01	04/01	05/01	06/01	07/01	Date		09/01	10/01	11/01	12/01	13/01
0.0	0.0	0.0	0.0	9.4	0.0	0.0	Rainfall (mm)		22	24	2	0	0
36.0	36.0	36.0	34.5	32.0	35.0	34.0	Temp. maximum (°C)		33	33	33	34	33
22.0	20.0	18.0	17.5	22.5	23.5	23.0	Temp. minimum (°C)		23	22	23	23	23
Clear	Clear	Clear	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	8	7	4	6	5
Clear	Clear	Clear	Cloudy	Cloudy	Clear	Cloudy	PM						
91	91	91	93	98	96	93	RH - I (%)		84	86	82	76	75
47	47	47	93	66	47	55	RH - II (%)		56	58	49	47	41
0.7	0.7	0.6	1.1	0.0	0.1	0.7	Wind Speed (km/hr.)		004	005	006	006	006
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	Easterly / North East	Easterly / North East	Easterly / North East	East	Easterly / North East
WNW	WNW	WNW	Calm	Calm	WSW	WSW	PM						
Rainfall (mm) in last year (2020)			Rainfall (mm) from 01/01/21 to till dated			Rainfall (mm) from 01/06/21 to till dated			Rainfall (mm) in last week				
4860.0			9.4			0.0			9.4				

**General Weather conditions in forthcoming 5 days:**  
In Sindhudurg district during the next five days from 09<sup>th</sup> to 13<sup>th</sup> January, 2021 on 09<sup>th</sup> and 10<sup>th</sup> January possibility of thunderstorm accompanied with lighting and light rainfall in some places also light rain is expected on 11<sup>th</sup> January in isolated places. The maximum and minimum temperatures are expected to rise by a few degrees and the humidity is likely to increase. The weather is likely to be humid and mainly cloudy. This forecast has been made by the Regional Meteorological Center, Mumbai.

**Warning:**  
In Sindhudurg district during the next five days from 09<sup>th</sup> to 13<sup>th</sup> January, 2021 on 09<sup>th</sup> and 10<sup>th</sup> January possibility of thunderstorm accompanied with lighting and light rainfall in some places. This warning has been issued by the Regional Meteorological Center, Mumbai.

**General Advisory**  
For control of Red palm weevil in coconut, fill the holes made by RPW with 10 per cent Carbaryl dust and sand mixture. Prepare a slanting hole with the help of screw drill about 1 m height from ground level on tree trunk and pour about 20 ml of 36 WSC Monocrotophos with the help of plastic funnel in the hole and close the hole with the help of cement

**SMS Advisory**  
In Sindhudurg district during the next five days from 09<sup>th</sup> to 13<sup>th</sup> January, 2021 on 09<sup>th</sup> and 10<sup>th</sup> January possibility of thunderstorm accompanied with lighting and light rainfall in some places.

**Weather Forecast Based Agro-Advice**

Name of Crop	Growth Stage	Crop specific Advisory
Mango	Bud Brusting	Due to the prevailing cloudy weather, higher maximum and minimum temperatures, humid climate and light rain, mango growers need to be especially vigilant to prevent the incidence of various pests. At present, the new flush in mango are become mature and the mango crop is in the stage of bud bursting. Also, higher temperature and normal climate are conducive to mango crop and it is expected to bloom in next few days. However, due to cloudy weather, mango growers need to be vigilant against the outbreak of hopper, shoot borer pest and powdery mildew disease. For their control if required spraying of 20% quinolphos 20 ml Or 20 per cent carbaryl WSP Spray 20 gm or 50% Profenofos 10 ml + Carbendazim 10 gm or 80% water soluble sulfur 20 gm per 10 liters of water on the whole plant. Spray 1% Carbendazim (10 gm in 10 liters of water) as required for control in case of infestation of mango anthracnose disease due to untimely rains, increased humidity and cloudy weather. In the district the incidence of thrips may be observed on bud bursting stage of mango trees due to change in weather conditions. For their control application of 45 per cent Spinosad 2.5 ml per 10 litres of water is suggested.
Cashew nut	Flowering to Fruit set	The bloom in the cashew is in the stage of maturation. Considering the possibility of fruiting in the next few days and the possibility of cloudy weather, higher minimum and maximum temperatures, humid weather and light rain, cashew growers need to be vigilant against infestation of Tea mosquito bug and Thrips on flower and apple. However, it is necessary to protect the cashew nuts flowers and apples from Tea mosquito bug and Thrips. In case of infestation, liquid monocrotophos 36% 15 ml is used for control Or lambda cyhalothrin 5% 6 ml. Or Profenofos 50% EC 10 ml. Per 10 liters. Spray with water.
Coconut	Fruit Development	For control of Red palm weevil in coconut, fill the holes made by RPW with 10 per cent Carbaryl dust and sand mixture. Prepare a slanting hole with the help of screw drill about 1 m height from ground level on tree trunk and pour about 20 ml of 36 WSC Monocrotophos with the help of plastic funnel in the hole and close the hole with the help of cement
Banana	-	For control of bunchy top disease in banana, cut the diseased plants along with the rhizomes and destroy them. Use disease free rhizomes at the time of planting. If the attack of banana aphids is noticed apply Dimethoate @ 15 ml per 10 litres of water three

		times at 15 days interval.
Wayangani Rice	Seedling	The sowing of <i>rabi</i> rice should be completed as early as possible. Use improved, high yielding and certified seeds for sowing of <i>rabi</i> rice. If the seedlings have attained an age of 15 days, then apply 1 kg urea or 2 kg ammonium sulphate per 1 R area of Rice nursery.
Groundnut	Seedling	The interval between irrigation should be 15 to 20 days during the growing period of groundnut crop.
Horse gram	Branching	Consider the possibility of cloudy weather, higher minimum and maximum temperatures, humid weather and light rain in the next 5 days, there is a possibility of infestation of aphids and leaf-eating larvae on Horse gram crop. For control, spray 15 ml of dimethoate per 10 liters of water on the crop. Horsegram does not need water if there is ample amount of residual moisture present in soil. However, in low moisture soils, the crop should be watered twice during flowering and pod filling period. If more water is given than required, the crop will not flower and only branch growth will continue. Excessive use of water should be avoided for this.
Cowpea	Branching	Considering the possibility of cloudy weather, higher minimum and maximum temperatures, humid weather and light rain in the next 5 days, there is a possibility of infestation of aphids and leaf-eating larvae on Cowpea crop. For control, spray 15 ml of dimethoate per 10 liters of water on the crop. Cowpea does not need water if there is ample amount of residual moisture present in soil. However, in low moisture soils, the crop should be watered twice during flowering and pod filling period. If more water is given than required, the crop will not flower and only branch growth will continue. Excessive use of water should be avoided for this.
Kadva Wal	Branching	The soil must have moisture in all stages of crop growth. The crop should be watered twice during flowering and grain filling. Excess water causes branching and decreases yield.
Dairy Animals	-	As light rain is expected in isolated places with thunderstorms accompanied with lightning on 09th and 10 <sup>th</sup> January, 2021, 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.
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).		
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