



Ministry of Earth Science, India Meteorological Department is collaborated with
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Agro Advisory Bulletin For The District – Sindhudurg.
(Period 19th to 23rd February, 2021)

Issue 15/2021							Date 18.02.2021		Duration 5 Day's				
Actual weather parameters recorded during last week (Dated 11 th to 17 th February, 2021)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 19 th to 23 rd February, 2021)				
11/02	12/02	13/02	14/02	15/02	16/02	17/02	Date		19/02	20/02	21/02	22/02	23/02
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		2	0	0	0	0
36.0	36.0	35.0	35.5	35.5	34.0	35.0	Temp. maximum (°C)		33	32	33	34	32
14.0	15.0	15.0	16.0	16.0	18.5	18.5	Temp. minimum (°C)		21	22	24	25	23
Clear	Clear	Clear	Clear	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	3	4	4	6	4
Clear	Clear	Clear	Clear	Clear	Clear	Clear	PM						
90	96	90	90	90	92	92	RH - I (%)		81	63	49	60	65
52	31	31	36	55	55	44	RH - II (%)		41	34	26	30	32
1.3	1.3	0.9	1.7	1.0	1.6	1.3	Wind Speed (km/hr.)		006	009	010	006	007
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	North East	Easterly / North East	East	Easterly / North East	North East
ENE	ENE	ENE	ENE	WNW	WNW	ENE	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			11.6			0.0			0.0				

General Weather conditions in forthcoming 5 days:
In Sindhudurg district in the next five days from 19th to 23rd February, 2021 there is a possibility of very light rain on 9th February in isolated places. The rest of the day is likely to be dry. The maximum and minimum temperatures are likely to increase significantly and the humidity is likely to decrease. The weather is also likely to be dry and partly cloudy. This forecast has been made by the Regional Meteorological Center, Mumbai.

Warning: No rain warning has been issued by the Regional Meteorological Center, Mumbai for the next five days in Sindhudurg district.

General Advisory
Considering the possibility of cloudy weather with increase in maximum and minimum temperature and decrease in humidity in the next 5 days, mango crop is likely to be affected by Anthracnose and Powdery Mildew. In case of outbreak, spray 5% hexaconazole 5 ml per 10 liters of water and 80% sulfur 20 g per 10 liters of water for control.

SMS Advisory
Application of 20 ppm NAA (1gm/50 lit. water) on fruit bearing inflorescence and 2nd spray at marble size fruit stage should be undertaken.

Weather Forecast Based Agro-Advice

Name of Crop	Growth Stage	Crop specific Advisory
Mango	Fruit Bearing	<p>Considering the possibility of cloudy weather with increase in maximum and minimum temperature and decrease in humidity in the next 5 days, the application of 150-200 litres of water per tree at 15 days interval as per the availability is suggested.</p> <p>Considering the possibility of cloudy weather with increase in maximum and minimum temperature and decrease in humidity in the next 5 days, increasing the production and quality improvement of fruits of mango, spraying of 1% Potassium nitrate at pea stage, marble stage and arecanut size stage is recommended.</p> <p>Application of 20 ppm NAA (1gm/50 lit. water) on fruit bearing inflorescence and 2nd spray at marble size fruit stage should be undertaken.</p> <p>Considering the possibility of cloudy weather with increase in maximum and minimum temperature and decrease in humidity in the next 5 days, mango crop is likely to be affected by Anthracnose and Powdery Mildew. In case of outbreak, spray 5% hexaconazole 5 ml per 10 liters of water and 80% sulfur 20 g per 10 liters of water for control.</p> <p>Considering the possibility of cloudy weather with increase in maximum and minimum temperature and decrease in humidity in the next 5 days, the fruit drop of immature fruits has been observed in some parts of the district. To control it, spraying of 2% urea (20 gms/10 lit. water) mixed with 4th-6th insecticidal spray should be done.</p>
Cashew nut	Fruit set	<p>In some places, at present, the cashew crop is in fruiting stage and in some places, it is in seed formation stage. In such places, infestation of thrips and Tea mosquito bug on apple and nuts has been found. As required for control, spray acetamaprid at the rate of 0.5 gm per liter of water when the fruit is attains pea shape.</p> <p>Considering the possibility of cloudy weather with increase in maximum and minimum temperature and decrease in humidity in the next 5 days, large graft of cashew should be given 150-200 liters of water per graft at 15 days interval.</p> <p>Considering the possibility of cloudy weather with increase in maximum and minimum temperature and decrease in humidity in the next 5 days, newly planted seedlings are given 30 liters in the first 2 years at intervals of 8 days in summer Water should be given per graft.</p>
Coconut	Fruit Development	<p>Considering the possibility of cloudy weather with increase in maximum and minimum temperature and decrease in humidity in the next 5 days, Coconut seedlings should be watered at intervals of 8 to 10 days.</p>

		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
Arecanut	Fruit Development	Considering the possibility of cloudy weather with increase in maximum and minimum temperature and decrease in humidity in the next 5 days, Arecanut seedlings should be watered at intervals of 8 to 10 days.
Wayangani Rice	Tillering	Considering the possibility of cloudy weather with increase in maximum and minimum temperature and decrease in humidity in the next 5 days, maintain the water level in <i>rabi</i> rice up to 2-3 cm for first 8-10 days and increase the level up to 5 cm. Weeding operation should be carried out in <i>rabi</i> rice and apply first dose of Nitrogen 40 kg per ha (87 kg Urea) to the rice crop 30 days after transplanting. In case of blast disease on rice, spray with 10 gm of Tricyclazole or 10 ml of Isoprothiolin per 10 liters of water. If the incidence of rice leaf folder is observed on the rice crop, then need based spraying with Quinolphos 25% EC @ 2 ltr. or Trizophos 40% EC @ 625 ml or Lamda cyhalothrin 5% EC @ 250ml per 500 liters of water is recommended.
Groundnut	Flowering	For early sown groundnut if the crop is one month old and flowering has been started, then earthing up should be done with the help of "Swastik" hoe developed by the University. Considering the possibility of cloudy weather with increase in maximum and minimum temperature and decrease in humidity in the next 5 days, the interval between irrigation should be 15 to 20 days during the growing period of groundnut crop.
Horse gram	Flowering to Pod formation	Horse gram 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. Considering the possibility of cloudy weather with increase in maximum and minimum temperature and decrease in humidity in the next 5 days, as Horse gram crop is in flowering stage at present, first watering should be given to the crop, not more irrigate than required.
Cowpea	Flowering to Pod formation	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. Considering the possibility of cloudy weather with increase in maximum and minimum temperature and decrease in humidity in the next 5 days, as Cowpea crop is in flowering stage at present, first watering should be given to the crop, not more irrigate than required.
Kadva Wal	Flowering to Pod formation	To control pod borer in Kadva wal spraying with Malathion 2 ml. per liter of water in flowering stage is advocated. 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. Considering the possibility of cloudy weather with increase in maximum and minimum temperature and decrease in humidity in the next 5 days, as Kadava wal crop is in flowering stage at present, first watering should be given to the crop, not more irrigate than required.
Chilli	Fruit Set	To control leaf curl (Bokdya/Churda Murda) and causing insects such as thrips and white flies in chillis, application of Phorate 10 kg per ha. also spraying of Dimethoate 30% EC 1 ml. + Sulphur 2 gm or Mancozeb 2 gm per liters of water is advised.

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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