



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 24th to 28th February, 2021)

Issue 16/2021							Date 23.02.2021		Duration 5 Day's				
Actual weather parameters recorded during last week (Dated 16 th to 22 nd February, 2021)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 24 th to 28 th February, 2021)				
16/02	17/02	18/02	19/02	20/02	21/02	22/02	Date		24/02	25/02	26/02	27/02	28/02
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	0	0	0
34.0	35.0	35.0	34.0	35.0	35.0	34.0	Temp. maximum (°C)		35	35	34	35	35
18.5	18.5	19.0	19.0	20.0	19.0	18.0	Temp. minimum (°C)		20	21	20	20	20
Clear	Clear	Clear	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	3	3	2	1	0
Clear	Clear	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM						
92	92	91	91	84	93	93	RH - I (%)		67	64	66	62	72
55	44	40	41	36	47	45	RH - II (%)		36	34	35	27	28
1.6	1.3	1.4	1.8	2.7	3.0	2.3	Wind Speed (km/hr.)		005	003	008	007	007
Calm	Calm	ENE	Calm	Calm	Calm	Calm	AM	Wind Direction	North East	Easterly / south East	Southerly / south East	Southerly / south East	South East
WNW	ENE	WSW	WNW	WNW	WSW	WNW	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 24th to 28th February, 2021 rainfall is expected remain 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 mainly clear. 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: In Sindhudurg district. From February 19 to 22, 2021, light to moderate rainfalls is observed in isolated places. At present, the fruits of mango crop are in small, medium and harvest stage and in isolated places third flush of flowering has started. In order to prevent the spread of anthracnose disease on flowers and fruits of mango to control anthracnose spraying of Carbendazim 50% water soluble powder (10 gm per 10 liters of water) or Thiophenate methyl 50% water soluble powder (10 gm per 10 liters of water) or Propineb 75% water soluble powder (20 gm per 10 liters of water) is advised as required.

SMS Advisory: To control Anthracnose on mango fruits spraying of Carbendanzim 50% WSP @ 10 gm/10 liter of water is advised.

Weather Forecast Based Agro-Advice

Name of Crop	Growth Stage	Crop specific Advisory
Mango	Fruit Bearing	<p>In Sindhudurg district. From February 19 to 22, 2021, light to moderate rainfalls is observed in isolated places. At present, the fruits of mango crop are in small, medium and harvest stage and in isolated places third flush of flowering has started. In order to prevent the spread of anthracnose disease on flowers and fruits of mango to control anthracnose spraying of Carbendazim 50% water soluble powder (10 gm per 10 liters of water) or Thiophenate methyl 50% water soluble powder (10 gm per 10 liters of water) or Propineb 75% water soluble powder (20 gm per 10 liters of water) is advised as required.</p> <p>In areas where there has been moderate rainfall, as well as in the surrounding areas, the incidence of fruit flies is likely to increase. For this, Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli recommends that 'Rakshak' fruit fly traps should be set at the rate of four per hectare. Also, all the mangoes that have fallen in the garden should be collected and destroyed or buried in a pit. Alphonso mango should be harvested when it is ready.</p> <p>Fruits should be treated with hot water to prevent the spread of fruit rot during picking to control fruit rot disease dip the fruits in hot water of 52 °C for 10 minutes.</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, the application of 150-200 litres of water per tree at 15 days interval as per the availability is suggested.</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>

		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.
Coconut	Fruit Development	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. 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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