



Ministry of Earth Science, India Meteorological Department is collaborated with
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Agro Advisory Bulletin For The District – Sindhudurg.
(Period 21st to 25th April, 2021)



Issue 32/2021							Date 20.04.2021		Duration 5 Day's				
Actual weather parameters recorded during last week (Dated 13 th to 19 th April, 2021)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 21 st to 25 th April, 2021)				
13/04	14/04	15/04	16/04	17/04	18/04	19/04	Date		21/04	22/04	23/04	24/04	25/04
0.0	13.2	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	0	0	0
39.0	36.0	37.5	37.0	37.5	38.0	37.0	Temp. maximum (°C)		35	36	36	36	37
23.0	22.5	22.5	23.6	23.0	23.0	22.0	Temp. minimum (°C)		24	25	25	25	25
Cloudy	Clear	Clear	Clear	Clear	Clear	Cloudy	AM	Cloud Cover (Octa.)	2	5	4	4	0
Cloudy	Clear	Clear	Clear	Clear	Cloudy	Cloudy	PM						
84	92	84	73	84	92	84	RH - I (%)		78	79	75	79	78
49	47	43	53	44	39	62	RH - II (%)		68	65	65	66	67
1.7	2.6	1.7	2.1	2.1	1.8	1.9	Wind Speed (km/hr.)		006	007	004	006	007
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	Southerly/ South West	South	Easterly / South East	Southerly/ South East	Southerly/ South East
WNW	WNW	WSW	WSW	WSW	WNW	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			24.8			0.0			0.0				

General Weather conditions in forthcoming 5 days: Rainfall is expected to be remain dry in Sindhudurg district for the next five days. At the same time, The maximum and minimum temperature is expected to rise and remain stable at 35 to 37 and 24 to 25 degrees Celsius respectively. Humidity is also likely to increase. The weather is also likely to be dry and partly cloudy. This forecast has been made by the Regional Meteorological Center, Mumbai.

Extended Range Forecast

Rainfall: South Konkan and Goa meteorological sub-divisions are likely to receive above normal rainfall between April 25th to May 01st. (Although the normal rainfall during this period is 0.13 mm, it is expected to be 0.18 mm this year and it is expected to be 36.10% higher than the normal.)

Maximum & Minimum Temperature: In South Konkan and Goa meteorological subdivisions the maximum temperature is expected to be normal and minimum temperatures is expected to be above normal between April 25th to May 01st. Although the normal maximum and minimum temperatures during this period are 35.25 and 23.70 degrees Celsius respectively, it is expected to be 35.24 and 24.05 degrees Celsius respectively during this period and only min. temperature is 0.35°C higher than the normal.)

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

General Advisory: Considering increase in maximum and minimum temperature in the next 5 days, to protect the hens from heat, cover the outside of the shed with cloth and sprinkle water on it. Also cover the roof of the shed with grass or gunny bags and sprinkle water on it. Clean cold water should be provided for chickens as well as chicks for drinking.

SMS Advisory: Considering the possibility of dry weather, harvesting of summer paddy, groundnut and rabi pulses should be undertaken.

Weather Forecast Based Agro-Advice

Name of Crop	Growth Stage	Crop specific Advisory
Mango	Harvesting	<p>In places where there has been light rain in the last week, rains should not cause damage to fruits due to anthracnose. 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>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>In places where there has been light rain in the last week, 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.</p> <p>Considering increase in maximum and minimum temperature in the next 5 days, If water is available, apply 80-100 liters per plant at interval of 7 days. To reduce evaporation, mulch the basins of mango graft with grasses and leaves in lateritic soil.</p> <p>Considering increase in maximum and minimum temperature in the next 5 days, to reduce evaporation, mulch the basins of mango graft with grasses and leaves in lateritic soil.</p> <p>Considering increase in maximum and minimum temperature in the next 5 days, newly planted mango graft should be shaded with shade net to protect them from the sun.</p> <p>The Mango fruits are egg size stage and in mature size stage in some parts in the district. Considering increase in maximum and minimum temperature in the next 5 days, Harvest the mature fruits before 10 hours in the morning and after 16 hours in the evening with the help of Nutan mango harvester at 80 to 85 % maturity. Keep the harvested fruits in shade to prevent spongy tissue</p>

		<p>disease and from heat Transport of harvested fruits should be done preferably during night hours.</p> <p>Considering increase in maximum and minimum temperature in the next 5 days, It is likely that the spongy tissue in Alphonso mango fruit will increase due to the rise in temperature. Harvestable fruits should be harvested before 10 in the morning and after 4 in the afternoon and kept in the shade to avoid spongy tissue due to heat.</p> <p>Considering increase in maximum and minimum temperature in the next 5 days, to decrease fruit drop in mango it is recommended that cover the fruit with paper bags.</p>
Cashew nut	Harvesting	<p>In the place where the harvestable seed is ready in cashew, harvesting should be done as soon as possible and the seeds should be dried properly in the sun.</p> <p>Considering increase in maximum and minimum temperature in the next 5 days, newly planted cashew graft should be shaded with shade net to protect them from the sun.</p> <p>Considering increase in maximum and minimum temperature 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 increase in maximum and minimum temperature 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 increase in maximum and minimum temperature in the next 5 days, Coconut seedlings should be watered at intervals of 8 to 10 days.</p> <p>Considering increase in maximum and minimum temperature in the next 5 days, Newly planted coconut seedling should be shaded with shade net to protect them from the sun.</p> <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</p>
Arecanut	Fruit Development	<p>Considering increase in maximum and minimum temperature in the next 5 days, Arecanut seedlings should be watered at intervals of 8 to 10 days.</p>
Wayangani Rice	Grain filling to Maturity	<p>Some varieties of rice are in grain formation stage. Irrigation should be given at 4-5 days interval.</p> <p>Some varieties of rice are in harvesting stage. Removal of water from the field at least 8-10 days before harvesting. At the time of harvesting grains should be 90 % mature. Harvesting of matured rice with the help of Vaibhav sickle developed by the University is advocated.</p>
Groundnut	Pod formation	<p>In some places the groundnut crop is in the maturity stage. Harvestable peanuts should be harvested as per maturity signs of groundnut leaves turn yellow and fall, as well as if the inner skin of the pods is black and the peanuts have the right color (pink in colour). Harvested pods should be dried in the sun for 4 to 5 days and then stored.</p> <p>In some places the groundnut crop is in a stage of grain filling. Due to increase in temperature, groundnut crop should be given extra irrigation if required during grain filling stage.</p>
Horse gram	Harvesting	<p>Harvesting of horse gram crop should be completed as early as possible. The prepared pods should be removed in the morning and dried well in the sun.</p>
Cowpea	Harvesting	<p>Harvesting of cowpea crop should be completed as early as possible. The prepared pods should be removed in the morning and dried well in the sun.</p>
Kadva Wal	Harvesting	<p>Harvesting of Kadava wal crop should be completed as early as possible. The prepared pods should be removed in the morning and dried well in the sun.</p>
Chilli	Fruit Set	<p>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.</p>
Dairy Animals	-	<p>Considering increase in maximum and minimum temperature in the next 5 days, provide good quality water for drinking and green fodder for feeding to animals. Protect the animals from afternoon heat.</p>
Poultry	-	<p>Considering increase in maximum and minimum temperature in the next 5 days, to protect the hens from heat, cover the outside of the shed with cloth and sprinkle water on it. Also cover the roof of the shed with grass or gunny bags and sprinkle water on it. Clean cold water should be provided for chickens as well as chicks for drinking.</p>
Soil testing	-	<p>Soil testing of the soil should be done to check the amount of N,P,K after harvest of fruit crops. For detail information contact Soil Scientist, Regional Fruit Research Station, Vengurla. (02366-262234).</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, Vengurla and College of Horticulture, Mulde Dr. B.S.Konkan Krishi Vidyapeeth, Dapoli 416 520 (MS).

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