



Ministry of Earth Science, India Meteorological Department is collaborated with
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Agro Advisory Bulletin For The District – Sindhudurg.
(Period 09th to 13th December, 2020)



Issue 97/2020							Date 08.12.2020		Duration 5 Day's				
Actual weather parameters recorded during last week (Dated 01 st to 07 th December, 2020)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 09 th to 13 th December, 2020)				
01/12	02/12	03/12	04/12	05/12	06/12	07/12	Date		09/12	10/12	11/12	12/12	13/12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		3	6	2	0	0
36.0	35.0	36.0	35.5	35.5	35.5	36.0	Temp. maximum (°C)		31	35	34	32	36
20.0	19.5	17.0	17.5	17.0	16.0	16.0	Temp. minimum (°C)		24	24	24	23	24
Clear	Clear	Clear	Clear	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	7	8	4	1	1
Cloudy	Clear	Cloudy	Clear	Clear	Clear	Clear	PM						
91	93	92	91	91	89	91	RH - I (%)		78	80	88	81	84
56	44	55	42	42	45	42	RH - II (%)		45	50	47	42	40
2.1	0.5	0.9	1.0	1.0	0.9	0.9	Wind Speed (km/hr.)		007	006	006	005	004
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	East	East	East	Easterly/ North East	Easterly/ North East
ENE	E	WSW	WNW	ESE	ESE	ENE	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			4840.4			4837.2			0.0				

General Weather conditions in forthcoming 5 days: In Sindhudurg district there is possibility of light rain in isolated places from 09th to 11th December as well as monsoon remain dry for the December 12th and 13th. The maximum temperature is expected to increase by a few degrees and the weather is likely to be dry and mainly 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 increase in temperature and decrease in humidity, irrigate the Groundnut crop 3 days after sowing also irrigate the crop at the interval of 10 to 12 days. Also timely irrigation should be provide to Mustard and Sunflower
Considering the increase in temperature and decrease in humidity, the rate of evaporation is likely to increase in the next 5 days Coconut and Arecanut seedlings should be watered at intervals of 8 to 10 days.
Yellow paper sticky traps should be used in fruity vegetable crops for the management of sucking insects.

SMS Advisory There is a possibility of light rain in isolate places from 9th to 11th December in the Sindhudurg District.

Weather Forecast Based Agro-Advice

Name of Crop	Growth Stage	Crop specific Advisory
Mango	New flush	<p>Mango orchards are widely grown in the district. If the weather is cloudy, a large number of hoppers are produced. Due to the availability of large quantities of new flush, there is a possibility of large scale infestation of leaves. It is necessary to spray the pesticides quickly to get rid of the pest in time. For this, 9 ml of the pesticide Deltamethrin with a concentration of 2.8% was applied. Spray at the rate of 10 liters of water. If this first spray has already been done, a second spray should be done immediately. For this, Lambda cyhalothrin (6 ml in 10 liters of water) with 5% concentration should be used.</p> <p>Newly planted Mango grafts should be supported by bamboo sticks as wind speed is likely to increase in next 5 days.</p> <p>As the temperature is likely to rise in the next 5 days new mango plantations should be covered with shade net to protect the grafts from heat.</p> <p>In a large mango orchard, clean the orchard by removing shrubs and weeds.</p> <p>Considering the possibility of cloudy weather conditions in the next 5 days, the new mango flush should be protected from hopper, leaf eating caterpillars, shoot borer and midge fly as required. 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>
Cashew nut	New flush to flowering	<p>Considering the possibility of decrease in relative humidity, dry weather and rising temperature in the next 5 days, the basins of newly planted cashew grafts should be cleaned and the area around the graft should be dug and prepare basin for watering also covered the basin with the help of leaves and straw.</p> <p>New cashew plantations should be covered with shade net to protect the grafts from heat.</p> <p>In a large cashew orchard, clean the orchard by removing shrubs and weeds.</p> <p>Consider the possibility of cloudy weather and light rain in the next 5 days Cashew growers should be vigilant to prevent the infestation of Tea mosquito bug and thrips, In case of infestation, monocrotophos 36% EC @ 15 ml or lambda cyhalothrin 5% @ 6 ml. or profenophos 50%EC @ 10 ml. Spray in 10 liters of water.</p> <p>To increase the yield of cashew nuts, dried fish extract 500 g per 10 liters of water should be sprayed at the time of first flowering and the second spray 15 days after the first spray.</p> <p>To increase the yield of cashew seeds, spray 10 ppm of Ethrel PGR at the time of flowering.</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. At time of spraying sticky substance like sticker should be mix with pesticide/fungicide solution @ 1 ml/liter of water.
Coconut	-	Considering the increase in temperature and decrease in humidity, the rate of evaporation is likely to increase in the next 5 days Coconut seedlings should be watered at intervals of 8 to 10 days.
Arecanut		Considering the increase in temperature and decrease in humidity, the rate of evaporation is likely to increase in the next 5 days Arecanut seedlings should be watered at intervals of 8 to 10 days.
Wayangani Rice	Rabbi sowing	Preparation of field for Rabi rice should be started. For 1 ha area of main field, nursery should be of 10 R area (R=100 m ²). Preparation of raised bed of 90 cm breadth, 8-10 cm height and length should be according to convenience. Application of 1 kg urea and 1.5 kg SSP for each raised bed is recommended. Seed treatment with 3 per cent brine solution (300 gms salt/10 litres of water) is suggested. Sowing of seed at 5 to 8 cm distance with 1-2 cm depth is advocated. For coarse variety 50 kg seed per ha and for fine variety 40 kg seed/ha is useful.
Groundnut	Rabbi sowing	Considering the increase in temperature and decrease in humidity, light watering should be given 3 days after sowing of groundnut and then at intervals of 10 to 12 days.
Horse gram	Seedling	Considering the possibility of cloudy weather and light rains in the next 5 days, if sucking insects are found in Horse gram crop, spray Monocrotophos at the rate of 1.2 ml per liter of water. Hoeing and weeding should be done in horse gram crop 15 days after sowing.
Cowpea	Seedling	If it is 15 days after sowing, weed the crop after 15 and 30 days and keep the crop weed free. Considering the possibility of reduction in relative humidity, dry weather and rising temperature in the next 5 days, the cowpea crop should be given 5 to 6 watering at intervals of 8 to 9 days.
Kadva Wal	Seedling	Considering the possibility of cloudy weather and light rains in the next 5 days, if sucking insects are found in Kadva wal crop, spray Monocrotophos at the rate of 1.2 ml per liter of water. Hoeing and weeding should be done in horse gram crop 15 days after sowing.
Dairy Animals, Goat, Sheep Poultry	-	Provide proper protection for animals and poultry birds from midday heat and night cold.

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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