



Ministry of Earth Science, India Meteorological Department is collaborated with  
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**Gramin Krishi Mousam Seva Project,**  
College of Horticulture, Mulde  
Agro Advisory Bulletin For The District Sindhudurg  
(Period 24<sup>th</sup> to 28<sup>th</sup> June, 2020)



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Duration 5 Days

Actual weather parameters recorded during last week  
(Dated 16<sup>th</sup> to 22<sup>nd</sup> June, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's  
(Valid for 24<sup>th</sup> to 28<sup>th</sup> June, 2020)

16/06	17/06	18/06	19/06	20/06	21/06	22/06	Date	24/06	25/06	26/06	27/06	28/06	
77.2	71.1	112.8	23.8	35.4	18.4	10.2	Rainfall (mm)	43	52	37	43	69	
34.5	27.5	29.5	31.0	31.1	32.4	32.4	Temp. Maximum (°C)	31	30	30	30	30	
24.5	23.8	23.5	23.3	23.9	25.1	24.6	Temp. Minimum (°C)	25	25	25	25	25	
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	7	8	7	6	8
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM						
100	93	100	97	93	89	95	RH - I (%)	95	95	93	95	95	
93	90	82	81	81	72	81	RH - II (%)	86	87	84	80	86	
2.8	0.5	1.1	1.4	1.3	0.4	1.6	Wind Speed (km/hr.)	7	8	7	8	7	
Calm	Calm	Calm	Calm	WNW	Calm	Calm	AM	Wind Direction	South	South	Southerly/ South East	South	South
Calm	Calm	NNE	ENE	ENE	ENE	WNW	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	814.3	811.1	348.9

**General Weather condition in forthcoming 5 days:** In Sindhudurg district, the temperature is likely to remain stable for the next five days, with moderate rains expected in most places on June 24<sup>th</sup> and in many places between June 25<sup>th</sup> and 27<sup>th</sup>, while heavy rains are expected in most places on June 28. The weather is likely to be humid and completely cloudy. This forecast has been made by the Regional Meteorological Center, Mumbai.

**Weather Prediction Based Agro-Advice**

Name of Crop	Growth Stage	Advisory
Paddy,	Nursery management and Transplanting	<ul style="list-style-type: none"> <li>Moderate rain is expected this week. In some places, the rice crop is in the stage of 20 to 25 days old seedlings. Farmers should undertake replanting and complete it as soon as possible. For replanting, seedlings should be 10 to 15 cm tall, 5-6 leaf stage and 20-22 days old.</li> <li>Apply 870 gm urea, 3 kg single super phosphate and 830 gm muriate of potash per hectare (100 kg per Guntha) area at the time of final puddling. Nitrogen application can be saved by burying Giripushpa leaves at the rate of 10 tons per hectare (100 kg per Guntha) before planting.</li> <li>Paddy transplanting should be spaced 15 x 15 cm for early varieties and 20 x 15 cm for mid-late and late varieties. Transplanting should be straight and shallow. For hybrid rice, only one vigorous plant should be planted in one place. Charsutri cultivation method should be adopted for paddy cultivation.</li> <li>Excess water should be drained if large amount of water is retained in the paddy field.</li> <li>In some places rice crop is in 15 to 20 days seedling stage. In such places, farmers should start ploughing and puddling the field for transplanting of paddy. For this, Pankaj puddling machine developed by the Dr B.S. Konkan Agricultural University should be used.</li> <li>Protect the rice nursery from attack of crabs. For this prepare boiled rice from 1 kg of raw rice and add insecticide Acephate 75 WP @ 75 grams or Carbaryl 50 WP @ 100 gm and make 100 arecanut size balls and keep them in each crab burrow and close it with wet mud. On next day if some of the burrows are found open, then again use the same procedure.</li> </ul>
Finger Millet	Nursery and Transplanting	If the Finger Millet seedlings are 15 days old in some places, do the weeding and give 1 <sup>st</sup> dose of Urea @ 1kg/seed bed in the nursery. For transplanting, ploughing should be done perpendicular to the slope. Where Finger Millet seedlings have become transplantable, farmer should be initiate transplanting of Finger millet.
Groundnut	Sowing	Use 100 to 125 kg of seed/per ha for sowing. Use varieties like Konkan Gaurav and Trombay Konkan (Tapora) as well as high yielding varieties like TG-26, TAG-24 and TPG-41 recommended by Dr. B.S. Konkan Krishi Vidyapeeth, Dapoli for Konkan region. Seed treatment with Thiram @ 3 gm/kg of seed to prevent Wilt disease of groundnut due to continuous rain and moisture. In the next five days, due to heavy rains in Sindhudurg district on the first day, sowing of <i>kharif</i> groundnut should be completed at the place where is left behind.
Mango	New Plantation	Application of fertilizer dose to mango according to the recommended dose of Dr. B.S. Konkan Krishi Vidyapeeth, Dapoli.. Application of one ghamela FYM, 300 gm Urea, 300 gm SSP and 100 gm MOP for one year old mango plants. Increase the dose of the manures and fertilizers according to the age of plant. If harvesting is completed in such orchards cut the loranthus parasites, dead wood and diseased branches and apply 1% Bordeaux paste to the cut surface. Keep the orchard clean. Since the humidity will increase in the next five days in the district. Protect the new flushing in mango from the incidence of anthracnose and powdery mildew diseases may found on mango. To control spray Thiophenate methyl and Carbendazim 1% @ 1 gm per 1 liter of water after rains stop is advocated.
Cashew nut	New Plantation	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. Cut the dead wood and diseased branches of cashew and apply 1% Bordeaux paste to the cut surface.
Coconut and Arecanut	Fruit Development	For control of leaf spot of Coconut and Koleroga (fruit drop) disease of Arecanut, spraying of 1% Bordeaux mixture in the orchard is suggested.
Vegetables	Sowing and Transplanting	Proper support should be given to gourd crops. Provide proper drainage to the Bhendi, Gawar etc. crops. Transplanting of chili and brinjal in well-drained soil is advocated. It is advocated to apply manures and fertilizers to vegetables as per recommended by the University. Protect the vegetables crops from pests like leaf eating caterpillars, aphids etc. by spraying proper insecticides.
Dairy Animals and Goat	Land preparation for planting of perennial forage crops like Paragrass, Napier, Yashwant etc is advocated. Cows, buffaloes and goats should be vaccinated against tetanus under the guidance of a veterinarian. A good diet should be followed to build a good immune system after vaccination.	

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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