



Ministry of Earth Science, India Meteorological Department is collaborated with  
 Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli,  
**Gramin Krishi Mousam Sewa Project,**  
 College of Horticulture, Mulde  
 Agro Advisory Bulletin For The District Sindhudurg  
 (Period 11<sup>th</sup> to 15<sup>th</sup> July, 2020)



Issue 53/2020

Date 10.07.2020

Duration 5 Days

Actual weather parameters recorded during last week  
 (Dated 03<sup>rd</sup> to 09<sup>th</sup> July, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's  
 (Valid for 11<sup>th</sup> to 15<sup>th</sup> July, 2020)

03/07	04/07	05/07	06/07	07/07	08/07	09/07	Date	11/07	12/07	13/07	14/07	15/07
174.4	122.4	59.0	10.4	66.2	118.6	74.4	Rainfall (mm)	53	39	53	48	50
29.5	29.6	31.0	31.0	31.0	29.5	29.0	Temp. Maximum (°C)	29	30	29	29	29
22.2	22.5	23.0	25.0	24.5	24.2	24.2	Temp. Minimum (°C)	24	24	24	24	24
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	8	7	8	8
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM					
98	100	92	92	97	100	97	RH - I (%)	93	91	92	92	93
96	98	73	76	95	98	95	RH - II (%)	81	78	80	83	84
0.6	0.3	0.6	2.6	3.6	1.0	0.1	Wind Speed (km/hr.)	005	010	010	008	007
Calm	Calm	ESE	Calm	WSW	Calm	East	AM	Wind Direction	Southerly/ South West	Westerly/ South West	Westerly/ South West	West
Calm	Calm	ESE	WSW	East	Calm	Calm	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	1767.9	1764.7	625.4

**General Weather condition in forthcoming 5 days:** The temperature in Sindhudurg district is expected to drop in the next five days, with moderate rains expected in most parts of the district in the next five days. The weather is likely to be humid and completely cloudy. This forecast has been made by the Regional Meteorological Center, Mumbai. **Warning: Heavy rains are likely in Sindhudurg district in the next five days.**

**Weather Prediction Based Agro-Advice**

Name of Crop	Growth Stage	Advisory
Paddy,	Nursery management and Transplanting	<ul style="list-style-type: none"> <li>Due to moderate rains in the next five days it is necessary to drain out excess water from paddy fields to maintain water level in paddy fields.</li> <li>Moderate to heavy 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 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> </ul>
Finger Millet	Nursery and Transplanting	Transplanting of the Finger Millet should be carried out in drizzling rain or in cloudy weather, planting should be done across the slope of land also to increase production transplant 30 days old seedling by the spacing of 20 cm between rows and 15 cm between plant and two seedling per hill should be planted.
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. Due to the possibility of heavy rains in the next five days, Peanuts should be sown based on rainfall forecast
Mango	New Plantation	Newly planted mango grafts should be supported by sticks and earthing should be done due to the possibility of heavy rain at isolated places in the district. 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 be 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	Newly planted cashew grafts should be supported by sticks and earthing should be done due to the possibility of heavy rain at isolated places in the district. 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	Newly planted coconut and arecanut seedling should be supported by sticks and earthing should be done due to the possibility of heavy rain wind at isolated places in the district. 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).

**Dr. P. C. Haldavaneekar**  
 Associate Dean and Nodal Officer  
 Agro-Meteorological Field Unit (AMFU),  
 Gramin Krishi Mousam Sewa,  
 College of Horticulture, Mulde  
 Tal. Kudal Dist. Sindhudurg  
 (02362-244231, 244272)

**Dr. Y. C. Muthal**  
 Technical Officer  
 Agro-Meteorological Field Unit (AMFU),  
 Gramin Krishi Mousam Sewa,  
 College of Horticulture, Mulde  
 (02362-244231)