

Ministry of Earth Science, India Meteorological Department is collaborated with
 Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli,
Gramin Krishi Mousam Seva Project,
 College of Horticulture, Mulde
 Agro Advisory Bulletin For The District Sindhudurg
 (Period 29th April to 03rd May, 2020)



Issue 33/2020

Date 28.04.2020

Duration 5 Days

Actual weather parameters recorded during last week
 (Dated 21st April to 27th April, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
 (Valid for 29th April to 03rd May, 2020)

21/04	22/04	23/04	24/04	25/04	26/04	27/04	Date	29/04	30/04	01/05	02/05	03/05	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	1	0	3	4	
38.0	37.0	37.0	37.0	37.0	38.0	38.0	Temp. Maximum (°C)	38	38	36	36	35	
27.0	25.0	23.5	24.0	25.0	25.0	26.0	Temp. Minimum (°C)	24	24	24	24	24	
Cloudy	Cloudy	Clear	Clear	Cloudy	Clear	Clear	AM	Cloud Cover (Octa.)	3	3	3	5	2
Cloudy	Clear	Clear	Clear	Clear	Clear	Clear	PM						
92	92	92	92	84	84	84	RH - I (%)	90	92	89	89	90	
57	54	53	48	48	45	48	RH - II (%)	36	39	42	40	40	
2.6	2.3	2.1	1.9	2.3	2.1	2.0	Wind Speed (km/hr.)	5	5	7	7	8	
Calm	Calm	Calm	Calm	Calm	N	Calm	AM	Wind Direction	Westerly / North West	Northerly / North West	South East	South East	West
NNE	N	N	NNE	NNE	N	N	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	0.0	0.0	0.0

General Weather condition in forthcoming 5 days: Maximum temperature will be highly increase in the Sindhudurg District in upcoming five days as well as light rain is forecasted at isolated places and weather remain moist and partly cloudy. RMC, Mumbai.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Mango	Fruit Development to Harvesting	The Mango fruits are egg size stage and in mature size stage in some parts in the district. 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 disease and from heat. Give treatment with fungicide and ethylene for ripening as per the recommendations. Transport of harvested fruits should be done preferably during night hours. Do not apply any insecticides/fungicides 8 days before harvesting of mango fruits. Create shade in new mango plantation with the help of shade net. Also irrigate the basins and mulch with leaves, paddy straw or weed. Due to increase in temperature application of 80-100 liters of water per tree at 7 days interval as per the availability is suggested. Mulching with grass should be done to avoid the water loss in mango orchards in lateritic soil.
Cashew nut	Harvesting	In many places the nuts are ready for harvesting. Harvest the mature nuts and dry them in sun and store them. If the incidence of cashew stem rot borer is found to control cashew stem rot borer remove the bark of affected stem with help of 15 mm knife and remove the cashew stem rot borer from stem and soak the stem in to the paste of Chloropyriphos 20% EC @ 10 ml. per 10 liter of water or fipronil 5% SC @ 2 ml per liter of water (5 liter of water is sufficient for one tree) is advocated.
Rice (Rabi)	Maturity to Harvesting	Some varieties of rice are in grain formation stage. Irrigation should be given at 4-5 days interval. 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. Harvest the rice crop by looking forecast and keep harvested crop in the shade after harvesting.
Groundnut	Harvesting	Due to increasing in temperature and rate of evaporation, irrigate the Groundnut crop at an interval of 10-12 days after sowing. As per harvesting index of Groundnut crop i.e. yellowing of leaves, colour of outer pod and colour of seed, harvesting should be done. If required give light irrigation before harvesting. Dry the harvested pods in sunshine for 3 to 4 days.
Sunflower	Harvesting	Sunflower is at maturity and harvesting stage in few places of the district. So harvest the crop and dry in to sunrise and thresh the crop with the help of wooden stick or machine and store the grains in shade.
Vegetables Water Melon	Flowering to Fruit setting	Installation of Cue-lure containing Rakshak fruit fly traps @ 4 traps/ha for control of fruit fly in gourd crops is advocated. Application of Dimethoate @ 10 ml per 10 liters of water to control leaf miners in watermelon is advocated.
Pine apple	Fruit Develop. Harvesting	Pineapple is in fruiting stage. To avoid the evaporation loss, mulching of pineapple crop is advocated. Harvesting of matured pine apple fruits as per the harvesting indices is advocated.
Fruit processing		Make processed preservative food products from fruits of Mango, Jackfruit, Jamun, Kokum, Karonda as per availability of fruits.
Soil testing		Do not burn stubbles of crops, leaves and weed in the field, It causes depletion of plant nutrients also decrease soil fertility. 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).

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).

Dr. P.C. Haldavanekar
 Associate Dean
 College of Horticulture, Mulde
 Tal. Kudal Dist. Sindhudurg

Dr. P.C. Haldavanekar
 Associate Dean and Nodal Officer
 College of Horticulture, Mulde
 Tal. Kudal Dist. Sindhudurg
 (02362-244231,244272)

Dr. Y. C. Muthal
 Technical Officer
 Gramin Krishi Mousam Seva
 College of Horticulture, Mulde
 (02362-244231)