



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 18th April to 22nd April, 2020)



Issue 30/2020

Date 17.04.2020

Duration 5 Days

Actual weather parameters recorded during last week
(Dated 10th April to 16th April, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
(Valid for 18th April to 22nd April, 2020)

10/04	11/04	12/04	13/04	14/04	15/04	16/04	Date	18/04	19/04	20/04	21/04	22/04	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	5	5	3	1	5	
38.0	38.5	39.0	39.0	37.5	37.0	37.0	Temp. maximum (°C)	37	37	37	37	37	
25.0	25.0	25.0	24.0	24.0	25.0	23.0	Temp. minimum (°C)	26	27	27	27	26	
Clear	Clear	Clear	Cloudy	Clear	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	0	2	2	1	2
Clear	Clear	Clear	Clear	Clear	Clear	Clear	PM						
84	85	84	84	84	92	92	RH - I (%)	91	79	86	79	74	
40	45	45	54	41	39	43	RH - II (%)	41	34	32	31	28	
1.9	2.3	2.1	2.1	1.9	2.0	2.2	Wind Speed (km/hr.)	3	3	4	5	4	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	South	North	South	North	South
NNE	NNE	NNE	N	NNE	NNE	NNE	PM		Easterly	Easterly	Easterly	Easterly	Easterly

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: Temperature will be decrease and relative Humidity decreased slightly also light rain is forecasted in the Sindhudurg District in upcoming five days.

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 litres 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.
Cashewnut	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 Chloropyrifos 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.
Coconut	Fruit development	Due to Cloudy & hot weather the incidence of rugose spiraling whitefly is found on coconut. To control establish yellow sticky traps and for removing sooty mould spraying of 1% Starch solution is advised. Also in sever attack spraying of Neem oil 0.5% or 0.005% Imidacloprid is advocated.
Rice (Rabi)	Grain Filling to Maturity	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 is advocated. Light rain is forecasted in sindhudurg district on 15, 17 and 18 April, 2020, So harvest the rice by looking forecast and keep harvested rice in shade.
Groundnut	Pod Development to 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.
Cowpea Wal and Horse gram	Harvesting	Cowpea, Wal and Horse gram is in harvesting stage. So farmer should harvest the crop as early as possible and thresh it.
Soil testing	-	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 Mousam 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. Haldavaneekar
Associate Dean
College of Horticulture, Mulde
Tal. Kudal Dist. Sindhudurg

Dr. P.C. Haldavaneekar
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)