



Ministry of Earth Science, India Meteorological Department is collaborated with
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Agro Advisory Bulletin For The District Sindhudurg
(Period 27th April to 01st May, 2019)



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Duration 5 Days

Actual weather parameters recorded during last week (Dated 20 th to 26 th April, 2019)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 27 th April to 1 st May, 2019)				
20/04	21/04	22/04	23/04	24/04	25/04	26/04	Date		27/04	28/04	29/04	30/04	01/05
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	0	0	0
38.5	37.0	37.0	40.0	39.0	39.0	39.0	T Maximum (°C)		36	39	35	35	35
19.5	20.0	22.0	24.0	24.0	24.0	25.0	T Minimum (°C)		25	26	26	26	26
Clear	Clear	Clear	Clear	Clear	Clear	Cloudy	AM	Cloud Cover (Octa.)	5	5	6	5	7
Clear	Clear	Clear	Clear	Clear	Clear	Clear	PM						
96	92	93	92	92	80	84	RH - I (%)		85	83	90	90	90
65	54	40	41	53	45	53	RH - II (%)		42	40	48	46	45
0.4	0.4	0.6	0.4	0.4	0.4	0.2	Wind Speed (km/hr.)		003	004	006	006	004
ENE	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	188	177	152	129	140
WNW	WNW	WNW	WNW	WSW	WNW	WNW	PM						
Rainfall (mm) in last year (2018)			Rainfall (mm) from 01/01/19 to till dated			Rainfall (mm) from 01/06/19 to till dated			Rainfall (mm) in last week				
3269.2			0.0			0.0			0.0				

General Weather condition in forthcoming 5 days: Probably air temperature will be increase and weather become partly cloudy forthcoming week.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
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.
Rice (<i>Rabi</i>)	Harvesting	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.
Groundnut	Pod Filling	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. Late sown groundnut is in grain formation stage at some places. Due to increase in evaporation and increase in temperature the requirement of water may be more in groundnut crop.
Mango	Harvesting	Clean the field which is selected for mango plantation by cutting trees, shrubs and bushes. Before onset of monsoon in the month of April-May dug out 1x1x1m. size pit at 10x10 m. distance and fill this pit with good soil and 3-4 ghamela of compost of cow dung and 3kg single super phosphate and prepare pit for plantation of mango. Install University recommended methyl eugenol containing 'Rakshak' fruit fly traps @4 traps per ha to control mango fruit fly. There is a increase in maximum temperature and there was cloudy weather in the district. Application of 150-200 liters of water per tree at 15 days interval as per the availability is suggested. Create shade in new mango plantation with the help of shade net. Also irrigate the basins and mulch with leaves, paddy straw or weed. 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.
Cashew	Plantation	Plantation of Cashew nut is done by using grafts. In the month of April and May dugout the pit of 7x7m or 8x8m with size of 0.6x0.6x0.6m. Fill the pit with 1 to 2 ghamela of compost, 1 to 2 kg Single super phosphate or Bone meal. 155 to 200 plants can be fit in 1 ha of area. For controlling Termite dusting of 2% Methyl parathion 50gm powder per pit.
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.
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).
Dairy Animals, Goat, Sheep Poultry		Provide good quality water for drinking and green fodder for feeding to animals. The temperatures during day are increasing. For protection of poultry birds from heat, provide curtains from outside the poultry shed and sprinkle it with water. Apply layer of grass or gunny bags on the roof of poultry shed and sprinkle water on it. Provide fresh and cool drinking water for the poultry birds and chicks.

This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committee of "Gramin Krishi Mousam Seva (GKMS)", Regional Fruit Research Station, Vengurla and College of Horticulture, Mulde Dr. B.S.Konkan Krishi Vidyapeeth, Dapoli 416 520 (MS).

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