



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 1st to 05th May, 2019)



Issue 35/2019

Date 30.04.2019

Duration 5 Days

Actual weather parameters recorded during last week (Dated 24 th to 30 th April, 2019)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 1 st to 5 th May, 2019)				
24/04	25/04	26/04	27/04	28/04	29/04	30/04	Date		01/05	02/05	03/05	04/05	05/05
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	0	0	0
39.0	39.0	39.0	38.0	37.0	37.0	36.0	T Maximum (°C)		36	36	36	36	35
24.0	24.0	25.0	25.0	26.0	26.0	26.0	T Minimum (°C)		26	26	25	26	26
Clear	Clear	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	7	8	8	8	5
Clear	Clear	Clear	Cloudy	Cloudy	Cloudy	PM							
92	80	84	84	85	88	89	RH - I (%)		90	88	89	86	89
53	45	53	49	48	52		RH - II (%)		45	41	37	37	47
0.4	0.4	0.2	0.7	0.5	0.7	0.5	Wind Speed (km/hr.)		004	007	005	005	005
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	161	239	141	217	180
WSW	WNW	WNW	WSW	WNW	WSW	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: Due to Foni cyclone weather remains cloudy and temperature will be decrease in forthcoming week.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Mango	Harvesting and New Plantation	<p>Clean the field which is selected for mango plantation by cutting trees, shrubs and bushes.</p> <p>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.</p> <p>Create shade in new mango plantation with the help of shade net. Also irrigate the basins and mulch with leaves, paddy straw or weed.</p> <p>Application of 150-200 liters of water per tree at 15 days interval as per the availability is suggested.</p> <p>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.</p>
Cashew	New Plantation	<p>Plantation of Cashew nut is done by using grafts.</p> <p>In the month of April and May dugout the pit of 7x7m or 8x8m with size of 0.6x0.6x0.6m.</p> <p>Fill the pit with 1 to 2 ghamela of compost, 1 to 2 kg Single super phosphate or Bone meal.</p> <p>155 to 200 plants can be fit in 1 ha of area.</p> <p>For controlling Termite dusting of 2% Methyl parathion 50gm powder per pit.</p> <p>Create shade in new cashew plantation with the help of shade net. Also irrigate the basins and mulch with leaves, paddy straw or weed.</p>
Dairy Animals, Goat, Sheep Poultry	-	<p>Provide good quality water for drinking and green fodder for feeding to animals.</p> <p>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.</p>
Soil testing	-	<p>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).</p>
Marine Fishery	-	<p>Foni cyclone will be reach at cost of Aandra Pradesh and Odisha on 3rd or 4th May, 2019 due to cyclone the wind speed is increased as well as weather remains cloudy. The condition of South, East and Central Arabic Sea is moderate to rough, Fisherman advised to do not adventure in deep sea in upcoming 3 to 4 days.</p>

This Agro Advisory Bulletin (AAB) is prepared and published with the consolation 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).

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

Dr. P.C. Haldavaneekar
Associate Director of Research and Nodal Officer
Regional Fruit Research Station, Vengurla
(02366-262234/262693)

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