



Ministry of Earth Science, India Meteorological Department is collaborated with  
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## Gramin Krishi Mousam Seva Project,

College of Horticulture, Mulde  
Agro Advisory Bulletin For The District Sindhudurg  
(Period 18<sup>th</sup> to 22<sup>nd</sup> May, 2019)



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Duration 5 Days

Actual weather parameters recorded during last week (Dated 11 <sup>th</sup> to 17 <sup>th</sup> May, 2019)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 18 <sup>th</sup> to 22 <sup>nd</sup> May, 2019)				
11/05	12/05	13/05	14/05	15/05	16/05	17/05	Date		18/05	19/05	20/05	21/05	22/05
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	0	0	0
37.0	37.0	37.0	37.0	36.0	37.0	37.0	T Maximum (°C)		35	35	35	36	36
24.0	24.0	25.0	24.0	24.5	24.0	24.0	T Minimum (°C)		26	27	26	26	25
Cloudy	Cloudy	Cloudy	Cloudy	Clear	Cloudy	Clear	AM	Cloud Cover (Octa.)	0	0	0	0	2
Clear	Clear	Clear	Clear	Clear	Clear	Clear	PM						
84	81	84	84	77	87	77	RH - I (%)		82	67	67	90	88
52	47	53	62	53	47	47	RH - II (%)		31	32	25	33	43
0.5	0.6	0.5	0.6	0.7	1.0	0.6	Wind Speed (km/hr.)		009	006	007	007	006
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	188	133	202	238	304
WSW	WNW	WSW	WNW	WNW	WSW	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:** Weather remains partly cloudy, Wind speed and temperature will be increased in forthcoming week.

### Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Rice, Nagli Groundnut	Preparatory tillage	Ploughing the field after harvest to destroy the stubbles is suggested. In the areas where the harvesting is completed, in such areas plough the field and make arrangements for cultural operations for kharif season and preparation of rice nursery. Procure improved seeds of rice, groundnut and nagli.
Mango	Harvesting and New Plantation	<p>The temperature will be increase in forthcoming week in the district, where deficiency of water there should use micro irrigation such as drip and sprinkler for avoiding high temperature effect on fruit crops.</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.</p> <p><b>After harvesting of mango to avoid fruit rot like disease mango fruits should be dip in to 0.05% solution of Potassium Metabisulphite. Also dip in to 50 °C hot water for 10 minutes.</b></p> <p>For stone grafting programme in Mango, procure fresh mango stones (seed) and sow them on beds. Before sowing they should be thoroughly washed with water and dip in carbendazim solution @ 1gm per litre of water to control wilt.</p> <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>
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><b>Create shade in new cashew plantation with the help of shade net. Also irrigate the basins and mulch with leaves, paddy straw or weed.</b></p> <p>The temperature will be increase in forthcoming week in the district, where deficiency of water there should use micro irrigation such as drip and sprinkler for avoiding high temperature effect on fruit crops.</p>
Dairy Animals, Goat, Sheep Poultry	-	<p>Protect the animals from afternoon heat. Keep good aeration in animal shed.</p> <p>The temperatures during day and nights 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.</p> <p><b>Vaccination to poultry against Ranikhet disease under the supervision of Veterinary officer is advocated.</b></p>
Coconut	-	For control of Eriophyid mite in coconut, application of 5 % Neemazal @ 7.5 ml or Econeem plus 10 ml in equal amount of water through active roots is advocated. Do not harvest nuts upto 45 days after application. or application of Eriophyid Smash (0.03 % Azadiractin + micronutrients) @ 250 ml per 20 litres of water per palm in the root zone 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).

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

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