



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 15th to 19th June, 2019)



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Duration 5 Days

Actual weather parameters recorded during last week (Dated 08 th to 14 th June, 2019)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 15 th to 19 th June, 2019)				
08/06	09/06	10/06	11/06	12/06	13/06	14/06	Date	15/06	16/06	17/06	18/06	19/06	
0.0	0.0	0.0	1.0	16.4	25.8	90.6	Rainfall (mm)	48	27	45	58	27	
36.0	36.0	37.0	37.0	34.5	28.5	31.5	T Maximum (°C)	33	33	34	33	34	
25.0	24.0	24.0	25.0	24.0	23.0	24.0	T Minimum (°C)	25	24	24	24	25	
Cloudy	Cloudy	Clear	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	5	5	5	7	
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM						
84	92	85	92	93	95	92	RH - I (%)	89	88	89	89	88	
55	57	57	85	92	97		RH - II (%)	75	69	62	76	69	
0.5	0.4	0.5	1.8	3.5	0.5	1.6	Wind Speed (km/hr.)	012	011	011	008	009	
Calm	Calm	Calm	ESE	ESE	Calm	Calm	AM	Wind Direction	183	179	190	208	
WNW	WSW	NNE	ESE	ESE	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			155.0			155.0			133.8				

General Weather condition in forthcoming 5 days: Heavy rain is predicted in forthcoming 5 days also wind speed will be increase in forthcoming 5 days.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Rice, Nagli	Nursery preparation and Sowing	<p>There is a forecast of heavy rains. So farmers are suggested to sow the kharif crops (paddy, nagli and vari) seed. Application of 1 kg urea and 3 kg of single super phosphate with sufficient quantity of FYM per 1 R area of nursery is advocated. Seed treatment to paddy seed with Emisan or Thiram @ 2 gm per kg seed is advised. If possible sow the seed on raised beds. Seed rate for paddy is 50 kg per ha for bold varieties, 40 kg per ha for fine varieties and 20 kg per ha for hybrid varieties is recommended.</p> <p>To control weeds, application of Butachlor (50 EC) @ 60 ml per 10 litres of water is suggested. Application should be done before emergence of weeds in nursery.</p> <p>Where the preparation of raised bed is not possible there should select high land for preparation of rice nursery also provide furrows so as to drain out excess water in heavy rain and avoid mortality of seedlings.</p> <p>Drain out excess water from rice field wherever necessary.</p>
Groundnut	Pre tillage and Sowing	<p>Select medium to heavy with well-drained soil for the sowing of groundnut. Pulverize the soil by ploughing also add 10 tone well rotten FYM per ha.</p> <p>Carry our preliminary cultural/farm operations for sowing of groundnut. Plough the field deeply and after last leveling add 10 tonnes of FYM or Compost per ha in the soil. Use 100 to 125 kg of seed/per ha for sowing. Use varieties like Konkani Gaurav and Trombay Konkani (Tapora) as well as high yielding varieties like TG-26, TAG-24 and TPG-41 recommended by Dr. B.S. Konkani Krishi Vidyapeeth, Dapoli for Konkani region.</p> <p>Seed treatment with Thiram @ 3 gm/kg of seed is advocated against wilt disease in groundnut.</p> <p>The time of sowing of kharif groundnut is 10 to 20 June. The heavy rain is predicted in forthcoming 5 days, so prerequisite of sowing should be complete.</p>
Mango	New Plantation	<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>Protect the new flush from mango hoppers, leaf eating caterpillars, shoot borer and midge fly. If incidence is noticed, spraying with Dimethoate 25 EC @ 12 ml or Monocrotophos 36 WSC @ 11 ml per 10 litres of water as per need is advocated.</p>
Cashew	New Plantation	<p>If the incidence CSRB is noticed in cashew, remove the grubs with the help of 15 mm chisel and application of Chloropyrifos 10 ml in infested holes on Cashew plant and drenching the remaining solution around tree trunk near the ground region is advocated. Cut the dead wood and diseased branches and apply 1% Bordeaux paste to the cut surface.</p>
Vegetables	Nursery preparation and Sowing	<p>Sowing of <i>kharif</i> vegetables like Chilli, Brinjal, Tomato, okra, cucumber, bitter gourd, snake gourd, ridge gourd, Snap melon etc. should be started. Use high yielding varieties for sowing recommended by the University. Okra should be planted on ridges and furrows and sowing of gourd vegetables be done on soil mounts.</p>

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

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