



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 05<sup>th</sup> to 09<sup>th</sup> October, 2019)



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Duration 5 Days

Actual weather parameters recorded during last week  
(Dated 28<sup>th</sup> September to 04<sup>th</sup> October, 2019)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's  
(Valid for 05<sup>th</sup> to 09<sup>th</sup> October, 2019)

28/09	29/09	30/09	01/10	02/10	03/10	04/10	Date	05/10	06/10	07/10	08/10	09/10	
0.9	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	3	15	20	20	14	
33.0	33.0	33.0	33.5	34.0	35.0	35.0	Temp. maximum (°C)	33	35	33	33	33	
23.0	23.0	23.0	23.0	23.0	23.5	24.5	Temp. minimum (°C)	25	26	26	26	25	
Clear	Clear	Clear	Clear	Clear	Clear	Cloudy	AM	Cloud Cover (Octa.)	6	6	6	7	8
Clear	Clear	Clear	Cloudy	Clear	Clear	Cloudy	PM						
91	92	92	90	92	92	93	RH - I (%)	93	92	93	92	91	
55	56	67	85	58	62	77	RH - II (%)	63	60	66	67	73	
1.3	1.3	0.9	0.3	0.9	1.0	1.0	Wind Speed (km/hr.)	005	004	004	003	006	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	70	61	118	83	110
WNW	WNW	WNW	ESE	ESE	WNW	ESE	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	4224.2	4224.2	0.9

General Weather condition in forthcoming 5 days: Moderate rain and cloudy weather is predicted in forthcoming 5 days.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Rice	Grain Filling	<p>Due to increase in temperature the incidence of Army Worm &amp; Gundi Bug may be occur. To control dusting of 2.0% powder of Methyl Parathion at the rate 20 Kg/ha.</p> <p>Some of the places (Devgad, Jamsande) in the district the harvesting of early rice varieties is ongoing it is advised that store the harvested rice in to shade and where the harvesting is not done there should harvest the crop by looking forecast.</p> <p>Maintain 10 cm water level in rice field before 10 days and after 10 days of panicle initiation stage of rice and maintain 5 cm water level in grain filling stage. Drain out water from the rice field 8 to 10 days before harvesting.</p> <p>For control of nodal blast disease in rice, application of Tricyclazole 75 WP @ 10 gms or Isoprothialane 40 EC @ 10 ml per 10 litres of water is suggested.</p> <p>Incidence of brown plant hopper will be observed if found, to control spraying of <i>Emidacloprid</i> 17.8% EC @ 100 ml. per 500 liters of water is advocated.</p> <p>Do not apply any insecticides/fungicides on the matured rice crop.</p>
Groundnut	Peg Formation	<p>If found Incidence of leaf eating caterpillar on groundnut, spraying of <i>Quinolphos</i> 25% @ 1000 ml. per 500 ltr. of water on 1 hectore of crop is advocated.</p>
Mango	Pre-flush	<p>Incidence of anthracnose on new flush of mango may be occurred if the incidence found to control of anthracnose on new flush of mango, application of Propineb @ 20 gm. per 10 liter of water as per need is advocated.</p> <p>Protect the new flush from mango hoppers, leaf eating caterpillars, shoot borer and midge fly. If incidence is noticed, spraying with <i>Dimethoate</i> 25 EC @ 12 ml or <i>Monocrotophos</i> 36 WSC @ 11 ml per 10 litres of water as per need is advocated.</p> <p>For control of dieback disease of mango, spraying with copper oxychloride 0.3 per cent (30 grams/10 liter of water) or 1% Bordeaux mixture is advocated. If there is oozing of gum from matured branches, then scrap the infected branch and apply paste of Copper oxychloride or Bordeaux mixture to the affected portion.</p> <p>The stone grafting programme in the mango nursery should be continued. Water the grafts frequently.</p>
Cashewnut	Pre-flush	<p>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 <i>Cloropyrifos</i> 20% EC @ 10 ml. per 10 liter water is advocated.</p> <p>Due to continues and heavy rainfall, leaffall/leafrot and Dieback of cashew is observed in the garden.</p> <p>Collect the infected leaves and buried it in to pit away from garden also cut the infected branches and apply Bordo Paste on it. To control of leaffall/leafrot and Dieback of cashew spraying with Metalaxil 8% + Mancozeb 64%, 20 gram in 10 liter of water is advocated.</p>
Vegetable	Fruit set	<p>Protect the vegetables crops from pests like leaf eating caterpillars, aphids etc. by spraying 2 ml of Malathion or 1.5 ml of <i>Dimethoate</i> per litre of water for their control.</p>
Dairy animals, Goat, Poultry	—	<p>Provide good quality luke warm drinking water and green fodder for animals.</p> <p>Vaccination to cows, buffaloes and goats against foot and mouth disease is advocated. Vaccination to Goats against under the supervision of veterinary officer is advocated. Protection of poultry from rains is advocated.</p>

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

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