



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 28<sup>th</sup> September to 02<sup>nd</sup> October, 2019)



Issue 78/2019

Date 27.09.2019

Duration 5 Days

Actual weather parameters recorded during last week (Dated 21 <sup>st</sup> to 27 <sup>th</sup> September, 2019)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 28 <sup>th</sup> September to 02 <sup>nd</sup> October, 2019)				
21/09	22/09	23/09	24/09	25/09	26/09	27/09	Date	28/09	29/09	30/09	01/10	02/10	
0.0	7.2	0.0	0.0	36.2	4.0	12.6	Rainfall (mm)	9	5	0	4	0	
31.0	31.5	32.5	32.5	31.0	30.0	29.0	Temp. maximum (°C)	31	31	31	30	30	
24.0	24.0	24.0	25.0	23.0	25.0	24.0	Temp. minimum (°C)	24	24	24	24	24	
Cloudy	Clear	Clear	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	8	8	8	5	8
Cloudy	Clear	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM						
92	95	90	93	95	93	96	RH - I (%)	94	94	93	94	93	
66	66	63	72	78	92	66	RH - II (%)	90	90	87	90	87	
1.0	2.1	1.3	0.6	0.3	0.1	1.4	Wind Speed (km/hr.)	007	006	004	004	004	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	131	121	100	116	94
WSW	WSW	WNW	Calm	Calm	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			4223.3			4223.3			60.0				

General Weather condition in forthcoming 5 days: Light 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>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>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>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>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.</p> <p>Incidence of blue beetle is observed on the rice crop, need based spraying with Quinalphos 25 EC @ 40 ml or Triazophos 40 EC @ 12.5 ml or Lambda cyhalothrin 5 EC @ 5 ml per 10 liter of water on the whole crop is recommended.</p>
Groundnut	Peg Formation	<p>If found Incidence of leaf eating caterpillar on groundnut, spraying of <i>Quinolophos</i> 25% @ 1000 ml. per 500 ltr. of water on 1 hector 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.</p> <p>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 Mousam Sewa (GKMS)", Regional Fruit Research Station, Vengurle and College of Horticulture, Mulde Dr. B.S.Konkan Krishi Vidyapeeth, Dapoli 416 520 (MS).

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

Dr. P.C. Haldavanekar  
Associate Dean and Nodal Officer  
College of Horticulture, Mulde  
Tal. Kudal Dist. Sindhudurg  
(02362-244231,244272)

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