



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 1<sup>st</sup> to 5<sup>th</sup> January, 2020)



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Duration 5 Days

Actual weather parameters recorded during last week (Dated 28 <sup>th</sup> December to 03 <sup>rd</sup> January, 2020)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 04 <sup>th</sup> to 8 <sup>th</sup> January, 2020)				
28/12	29/12	30/12	31/12	01/01	02/01	03/01	Date	04/01	05/01	06/01	07/01	08/01	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0	
35.5	35.5	35.5	34.0	33.0	33.0	33.0	Temp. Maximum (°C)	34	34	33	32	32	
22.0	21.5	22.0	17.5	16.0	17.0	17.0	Temp. Minimum (°C)	21	22	22	21	20	
Cloudy	Cloudy	Cloudy	Clear	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	0	0	2	5	4
Clear	Clear	Cloudy	Clear	Clear	Clear	Clear	PM						
88	91	93	92	83	91	87	RH - I (%)	86	76	76	86	82	
47	42	46	45	45	45		RH - II (%)	49	36	38	44	45	
1.7	1.1	1.9	1.0	1.3	1.1	1.3	Wind Speed (km/hr.)	005	005	008	006	006	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	83	59	96	72	53
ENE	ESE	WSW	WSW	WNW	WNW		PM						

Rainfall (mm) in last year (2019)	Rainfall (mm) from 01/01/20 to till dated	Rainfall (mm) from 01/06/20 to till dated	Rainfall (mm) in last week
4591.0	0.0	0.0	0.0

**General Weather condition in forthcoming 5 days:** Atmosphere remains dry and partly cloudy in the upcoming five days.

**Weather Prediction Based Agro-Advice**

Name of Crop	Growth Stage	Advisory
Wayangani Rice	Rabbi sowing	In Rabbi rice, maintain the water level 2-3 cm for first 8-10 days and increase the level up to 5 cm.
Horse gram and Cowpea	Seedling to Branching	The incidence of aphids and leaf miner may be noticed on pulse crops. For their control spraying with 10 ml Dimethoate per 10 litres of water at an interval of 15-20 days is suggested.
Groundnut Sunflower and Mustard	Rabbi sowing	Light irrigation to groundnut crop three days after sowing. Irrigation interval should be 10-12 days for this stage. Also irrigate the sunflower and mustard crop timely. Gap filling should be done in groundnut crop.
Mango	Flushing	Due to extended post monsoon during this year, mango trees is not acrosseed with water stress and the flowering stage of mango is delayed also due to frequent cyclones in the last month atmosphere remain cloudy and minimum temperature is not decreased but now temperature and atmosphere become favorable for mango flowering (decrease in temperature, increased bright sunshine hours and increased temperature index is favorable for inducing tress in mango crops.) Protect the new flushing in mango may be observed simultaneously the incidence of anthracnose and powdery mildew diseases may found on mango. In cloudy weather the host is expected to emerge is large quantity. Shade and high humidity are favorable for their multiplication. Due to heavy leaf flush on mango and such condition usually can make a huge attack on mango hopper on inflorescence leaf and fruits. To control spraying of Thiophenate methyl and Carbendanzim 1% @ 1 gram per liter water is advocated. Incidence of Mango Hoper, Thrips and Scale insect may be come on New flush of mango if found the incidence to control mango hopper application of insecticide like Deltamethrin 2.8% EC (0.9 per liter of water) or Thiomethoxam 25% WDG (0.1 gram per liter of water) is advised.
Cashewnut	Flowering	Current Climatic conditions are favorable for cashew borer. If such incidence is notified on inflorescence of cashew then spraying of 50 per cent Profenophos 10 ml/10 litres of water and if fruiting is their then spraying of 5 per cent lamdasayhalothrin 6ml/10 liters of water is advocated. 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>Cloropyrifhos</i> 20% EC @ 10 ml. per 10 liter water is advocated. To Control of Apple and nut borer of cashew spraying of Diclorovos 76% EC @ 10 ml. per 10 liter of water is advised.
Chilli	Flowering	To control leaf curl (Bokdya/Churda Murda) and causing insects such as thrips and white flies in chillis, application of Phorate 10 kg per ha. also spraying of Dimethoate 30% EC 1 ml. + Sulphur 2 gm or Mancozeb 2 gm per liters of water is advised.
Dairy Animals, Goat, Sheep Poultry		Protect the animals from cold during the night time as the night temperatures are decreasing. For protection of poultry birds from cold and cold winds during night, provide curtain/clothing from outside of poultry shed. Provide proper heat to small chicks of poultry with the help of electric bulbs.

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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