



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 21<sup>st</sup> to 25<sup>th</sup> December, 2019)



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Duration 5 Days

Actual weather parameters recorded during last week (Dated 14 <sup>th</sup> to 20 <sup>th</sup> December, 2019)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 21 <sup>st</sup> to 25 <sup>th</sup> December, 2019)				
14/12	15/12	16/12	17/12	18/12	19/12	20/12	Date	21/12	22/12	23/12	24/12	25/12	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	4	5	0	
35.0	36.0	36.0	36.0	35.0	35.0	35.5	Temp. maximum (°C)	35	35	36	36	36	
20.0	19.5	19.5	19.0	19.0	20.0	20.0	Temp. minimum (°C)	19	19	20	20	20	
Clear	Clear	Clear	Clear	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	8	4	6	5	6
Clear	Clear	Clear	Clear	Clear	Clear	Clear	PM						
89	93	93	91	87	93	93	RH - I (%)	71	73	79	81	80	
46	42	37	37	37	38		RH - II (%)	41	41	48	46	49	
0.9	1.2	0.6	1.1	1.7	1.5	1.7	Wind Speed (km/hr.)	007	005	006	003	006	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	65	90	86	101	35
ESE	ESE	WSW	WSW	ESE	WSW		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	4591.0	4591.0	0.0

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
Wayangani Rice	Rabbi sowing	Preparation of field for Rabi rice should be started. If Nursery become to transplant then field preparation such as ploughing of the land should be carried out and apply 7.5 tone of FYM or Compost evenly also add 5.0 tone of Gliricidia in the field before puddling.
Horse gram and Cowpea	Seedling to Branching	If there is ample availability of residual moisture in the field there irrigation is not needful to Horsegram crop but in dry soil two irrigation are given at flowering and pod formation stage of crop. Excessive irrigation leads to branching and failing of flowering.
Groundnut Sunflower and Mustard	Rabbi sowing	For cultivation of rabi groundnut preliminary operation should be carried out. Deep ploughing and addition of 10 to 15 tonnes of FYM/Compost in groundnut field. Use of 125 to 150 kg seed for sowing. Use TG-26, TAG-24, TPG-41, Konkan Gaurav, Konkan Tapora any one variety for sowing. For cultivation of Sunflower crop, preliminary operation like ploughing, addition of 10 ton FYM should be complete. Use variety like Modern, S.S.56, B.S.H – 1 for planting. 10 to 12 kg seed should be use. Before sowing, seed should be soak in water for 12 hrs and drying in shed. Climate is suitable for sowing of 'Mustard'. Sowing of seed of variety 'Pusa bold' and 'Varuna' at the spacing 45cm x 10 cm is advocated. Apply 1 kg urea and 3 kg SSP per R area before sowing of seed.
Mango	Flushing	Due to extended post monsoon during this year, mango trees is not acrossed 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 and temperature and atmosphere is favorable for mango flowering. 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	Due to extended post monsoon rain it is advised to cashew Gardner to be aware about attack of Tea mosquito bug on new flush and flower of cashew. If found incidence to control spraying of monocrotophos 36% EC 15 ml. or Lambdasayhalothrin 5% EC 6 ml. in 10 liter of water. incidence to control spraying of monocrotophos 36% EC 15 ml. or Lambda cyhalothrin 5% EC 6 ml. in 10 liter of water. 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>Cloropyriphos</i> 20% EC @ 10 ml. per 10 liter water is advocated.
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 Mousam Seva (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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