



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 11th to 15th December, 2019)



Issue 99/2019

Date 10.12.2019

Duration 5 Days

Actual weather parameters recorded during last week (Dated 04 th to 10 th December, 2019)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 11 th to 15 th December, 2019)				
04/12	05/12	06/12	07/12	08/12	09/12	10/12	Date	11/12	12/12	13/12	14/12	15/12	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0	
31.5	34.0	34.0	34.0	35.0	36.0	36.0	Temp. Maximum (°C)	35	34	33	33	33	
20.5	23.0	22.0	19.5	20.0	20.5	21.0	Temp. Minimum (°C)	21	22	23	23	23	
Clear	Clear	Clear	Clear	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	6	4	4	6	4
Clear	Cloudy	Clear	Clear	Cloudy	Clear	Clear	PM						
60	70	91	89	91	93	88	RH - I (%)	76	73	80	75	70	
46	45	45	46	47	42	42	RH - II (%)	47	42	46	46	40	
4.8	3.8	2.4	2.8	1.1	1.0	1.5	Wind Speed (km/hr.)	007	006	006	007	006	
ESE	ESE	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	79	84	53	64	93
ESE	ESE	ESE	WSW	WSW	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	4591.0	4591.0	0.0

General Weather condition in forthcoming 5 days: Atmosphere remain dry and partly cloudy in the upcoming five 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. For 1 ha area of main field, nursery should be of 10 R area (R=100 m ²). Preparation of raised bed of 90 cm breadth, 8-10 cm height and length should be according to convenience. Application of 1 kg urea and 1.5 kg SSP for each raised bed is recommended. Seed treatment with 3 per cent brine solution (300 gms salt/10 litres of water) is suggested. Sowing of seed at 5 to 8 cm distance with 1-2 cm depth is advocated. For coarse variety 50 kg seed per ha and for fine variety 40 kg seed/ha is useful.
Horse gram, Cowpea and Kadava Wal	Emergence	Sowing of the Horse gram, Cowpea and Kadava wal delayed due to delayed harvesting of Kharif rice. Due to insufficient residual moisture Rabbi crops are not germinated so irrigate the crop by outside water sources.
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	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 in 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 Hopper, 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>Cloropyrifos</i> 20% EC @ 10 ml. per 10 liter water is advocated.
Watershed management		Farmers are advised to go for water conservation through Konkan Vijay Bandhara /Vanrai Bandhara by construction of temporary bunds on rivers or nalas by using plastic and use the stored water for rabi crops.

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).

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)