



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 06th to 10th November, 2019)



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Duration 5 Days

Actual weather parameters recorded during last week
(Dated 30th October to 05th November, 2019)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
(Valid for 06th to 10th November, 2019)

30/10	31/10	01/11	02/11	03/11	04/10	05/11	Date	06/10	07/10	08/10	09/10	10/10	
0.0	0.0	3.2	0.0	0.0	32.4	0.0	Rainfall (mm)	15	8	0	0	0	
36.5	34.5	34.0	33.0	33.5	35.0	35.0	Temp. maximum (°C)	36	35	33	33	35	
21.0	25.0	24.0	24.5	23.0	22.0	24.5	Temp. minimum (°C)	24	23	22	22	22	
Clear	Cloudy	Clear	Clear	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	5	7	6	1	2
Cloudy	Cloudy	Cloudy	Cloudy	Clear	Clear	Clear	PM						
81	70	90	84	91	92	93	RH - I (%)	83	85	87	87	85	
51	55	60	66	55	62		RH - II (%)	76	78	80	80	80	
3.1	1.7	2.3	4.2	2.2	0.9	1.0	Wind Speed (km/hr.)	005	004	004	005	006	
Calm	ESE	ESE	ESE	Calm	Calm	Calm	AM	Wind Direction	126	118	78	48	55
Calm	ENE	ESE	WSW	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	4591.0	4591.0	35.6

General Weather condition in forthcoming 5 days: Light rain with increased wind speed is predicted in forthcoming five days.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Rice	Harvesting	Light rainfall is predicted in forthcoming 5 days in the district also wind speed will be increased accordingly harvest the rice crop by looking forecast also harvest the crop early in the morning and keep the crop in shade. Drain out excess water of rainfall from the field so as to reduce decomposition and germination of seed in the panicle of rice crop after lodging of the crop due to rain. Harvest the crop close to the ground with the help of "Vaibhav sickle" developed by Dr. B.S.K.K.V. Dapoli.
Groundnut	Peg initiation & pod formation	Groundnut crop is in maturity stage in some parts of district. Prominent lines on groundnut pods, hardness of pod, inner colour of pod changes to black colour and change in colour of grain are the maturity signs. When 80 % of pods are matured, then harvest the groundnut crop immediately, wash the pods with water to remove excess soil and dry them in sun. Harvest the crop by looking forecast also drain out excess water from the field so as to reduced decay of pods.
Horse gram & Cowpea	Sowing	Rice crop yet not harvested due to extended post monsoon rain, where the rice crop harvested there should prepare the land for rabi crops. Sowing should be done on mid-October to till end of November. For sowing use improved varieties like Dapoli -1 and Konkan Sadabahar, Konkan Safed of Horse gram and Cowpea respectively. Sowing distance of both the crop is 30x15 cm. and required 18 to 20 kg. and 15 to 18 kg. seed of Horse gram and Cowpea respectively. Treat seed with Thiram 2.5 gram and Rhizobium 25 gram per kg. of seed for both crops. Recommended dose of fertilizers for Horse gram is 25:50:60 kg. NPK per hectare and for Cowpea is 25:50:00 kg. NPK per hectare and apply the fertilizer at proper depth.
Kadva Wal	Sowing	Sowing should be done on October and November. For sowing use improved varieties like Konkan wal -1 and Konkan wal-2 of Kadva Wal. Sowing distance for the crop is 30x15 cm. or 30x20 cm. or 30x30 cm. and required 50 to 60 kg. Seed of Wal. Treat seed with Thiram 3 gram and Rhizobium 25 gram per kg. of seed for Wal crop. Recommended dose of fertilizers for Wal is 25:50:60 kg. NPK per hectare and apply the fertilizer at proper depth.
Mango	Flushing	Due to extended post monsoon rain protect the new flush from mango hoppers, leaf eating caterpillars, shoot borer and midge fly. If incidence is noticed, spraying with Dimethoate 25 EC @ 12 ml or Monocrotophos 36 WSC @ 11 ml per 10 litres of water as per need is advocated.
Cashewnut	Pre-flush	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. 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 Chloropyrifos 20% EC @ 10 ml. per 10 liter water is advocated. In cashew cut the dead and diseased branches and apply 1 % bordo paste to the cut surface.
Maha cyclone	Extremely severe cyclonic storm	Extremely severe cyclonic storm over west central and adjoining east central Arabic sea moved north – northwards. It is very likely to cross Gujarat coast around due as cyclonic storm with a maximum sustained wind speed of 70-80 kmph gusting to 90 kmph around morning hours of 7 th November, 2019. Sea condition will be rough to very rough the fisherman are advised not to venture deep in to the sea.

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).

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