



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 15th to 19th February, 2020)



Issue 13/2020

Date 14.02.2020

Duration 5 Days

Actual weather parameters recorded during last week
(Dated 08th to 14th February, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
(Valid for 15th to 19th February, 2020)

08/02	09/02	10/02	11/02	12/02	13/02	14/02	Date	15/02	16/02	17/02	18/02	19/02
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
31.0	33.0	34.0	34.0	36.0	36.5	36.5	Temp. Maximum (°C)	36	37	38	37	37
14.0	13.5	16.0	18.5	19.5	19.0	18.0	Temp. Minimum (°C)	19	20	20	21	21
Clear	Clear	Clear	Clear	Clear	Clear	Clear	AM Cloud Cover	0	1	0	0	1
Clear	Clear	Clear	Cloudy	Cloudy	Clear	Clear	PM (Octa.)					
90	92	94	94	91	96	91	RH - I (%)	59	58	61	58	66
71	45	62	57	57	29	28	RH - II (%)	28	30	28	24	26
2.2	1.2	1.4	2.4	1.2	1.3	1.5	Wind Speed (km/hr.)	005	006	005	003	003
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM Wind	77	92	68	98	76
ENE	ENE	WSW	ESE	WSW	ESE	WSW	PM Direction					

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: Temperature will be highly increased in forthcoming 5 days also weather remains clear.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Rice	Tillering	Weeding operation should be carried out in rabi rice and apply first dose of Nitrogen 40 kg per ha (87 kg Urea) to the rice crop 30 days after transplanting. Due to forecast of increasing temperature during upcoming week, maintain the water level in <i>rabi</i> rice up to 2-3 cm for first 8-10 days and increase the level up to 5 cm. Due to forecast of cloudy weather in forthcoming week, If the incidence of rice leaf folder is observed on the rice crop, then need based spraying with Quinolphos 25% EC @ 2 ltr. or Trizophos 40% EC @ 625 ml or Lamda cyhalothrin 5% EC @ 250ml per 500 litres of water is recommended.
Horse gram and Cowpea	Pod formation	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.
Kadva Wal	Pod formation	Availability of moisture in the field is needful for Wal crop in every crop growth stage. If availability of irrigation water irrigate the crop at flowering and grain filling stage. Excessive irrigation leads to branching and reduction in yield. To control pod borer in Kadva wal spraying with Malathion 2 ml. per liter of water in flowering stage is advocated.
Groundnut	flowering	Due to forecast of rise in temperature irrigate the groundnut crop with the interval of 12 to 20 days in flowering and pod filling stage.
Mango	Flowering to Fruit Set	Due to forecast of increasing temperature during upcoming week, the application of 150-200 litres of water per tree at 15 days interval as per the availability is suggested. Due to forecast of rise in temperature during forthcoming week to control mango fruit drop increasing the production and quality of fruits of mango, spraying with 1% Potassium nitrate at pea stage, marble stage and arecanut size stage is recommended. As per the recommendation of the University, spraying of "Ambrashakti" a liquid fertilizer for enhancement of fertilization @ 1 liter/19 litres of water on the inflorescence is advocated. A solution of 25 litres should be sprayed on 4 trees.
Cashewnut	Fruit Set	To increase the production and nut size of cashew it is recommended that spray Cow urine in 5 liter of water and also soil application of Cow urine in 10 liter of water is advocated. It is advised to cashew Gardner to be aware about attack of Tea mosquito bug on of cashew. If found incidence to control spraying of monocrotophos 36% EC 15 ml. or Lambda cyhalothrin 5% EC 6 ml. in 10 liter of water. To Control of Apple and nut borer of cashew spraying of Diclorovos 76% EC @ 10 ml. per 10 liter of water is advised.
Chilli	Fruit Set	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.
Coconut	Flowering	Fill the innermost leaf axils of coconut palm with mixture of 2 % methyl parathion dust 50 gm. + 50 gm. sand and spraying the FYM pits with 0.2 % carbaryl is advocated for control of adults and grubs of rhinoceros beetle. It is advocated to spray 1 per cent bordo mixture against leaf spot of Coconut.

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)