



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 18th to 22nd December, 2019)



Issue 101/2019

Date 17.12.2019

Duration 5 Days

Actual weather parameters recorded during last week
(Dated 11th to 17th December, 2019)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
(Valid for 18th to 22nd December, 2019)

11/12	12/12	13/12	14/12	15/12	16/12	17/12	Date	18/12	19/12	20/12	21/12	22/12	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0	
35.0	35.0	35.0	35.0	36.0	36.0	36.0	Temp. maximum (°C)	35	35	36	36	36	
19.5	19.0	20.0	20.0	19.5	19.5	19.0	Temp. minimum (°C)	19	19	20	20	20	
Clear	Clear	Clear	Clear	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	3	2	4	6	7
Clear	Clear	Clear	Clear	Clear	Clear	Clear	PM						
91	91	89	89	93	93	91	RH - I (%)	69	68	66	68	79	
46	33	46	46	42	37	37	RH - II (%)	36	38	37	38	39	
0.9	0.7	1.1	0.9	1.2	0.6	1.1	Wind Speed (km/hr.)	011	010	008	006	005	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	87	87	80	65	67
ESE	WSW	WSW	ESE	ESE	WSW	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: 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	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.
Kadava Wal	Seedling to Branching	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.
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 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 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>Cloropyrifos</i> 20% EC @ 10 ml. per 10 liter water is advocated.

This Agro Advisory Bulletin (AAB) is prepared and published with the consolation and recommendation 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)