



Ministry of Earth Science, India Meteorological Department is collaborated with
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Agro Advisory Bulletin For The District – Sindhudurg.
(Period 05th to 09th December, 2020)



Issue 96/2020							Date 04.12.2020		Duration 5 Day's				
Actual weather parameters recorded during last week (Dated 27 th November to 03 rd December, 2020)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 05 th to 09 th December, 2020)				
27/11	28/11	29/11	30/11	01/12	02/12	03/12	Date		05/12	06/12	07/12	08/12	09/12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	0	0	0
35.5	35.0	35.0	36.0	36.0	35.0	36.0	Temp. maximum (°C)		33	33	34	34	33
20.0	22.0	21.0	20.0	20.0	19.5	17.0	Temp. minimum (°C)		21	22	23	24	23
Clear	Clear	Clear	Clear	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	7	8	8	7	8
Clear	Clear	Clear	Clear	Cloudy	Clear	Cloudy	PM						
91	91	88	91	91	93	92	RH - I (%)		57	59	73	70	56
46	46	37	42	56	44	55	RH - II (%)		28	32	42	53	33
0.3	2.1	4.2	1.8	2.1	0.5	0.9	Wind Speed (km/hr.)		009	008	010	012	009
Calm	ENE	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	Easterly/ North East	Easterly/ North East	East	East	East
ENE	ENE	ENE	ENE	ENE	E	WSW	PM						
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			4840.4				4837.2			0.0			

General Weather conditions in forthcoming 5 days: In Sindhudurg district, the rainfall is likely to be dry for the next five days from 05 to 09 December, 2020. The maximum temperature is expected to increase by a few degrees and the weather is likely to be dry and mainly cloudy. This forecast has been made by the Regional Meteorological Center, Mumbai.

Warning: No rain warning has been issued by the Regional Meteorological Center, Mumbai for the next five days in Sindhudurg district.

General Advisory: Considering the increase in temperature and decrease in humidity, the rate of evaporation is likely to increase in the next 5 days Coconut and Arecanut seedlings should be watered at intervals of 8 to 10 days. Newly planted Arecanut and Coconut seedlings should be supported with bamboo sticks as wind speed is likely to increase in the next 5 days. Yellow paper sticky traps should be used in fruity vegetable crops for the management of sucking insects.

SMS Advisory: Farmers should build "Vanrai" dams on rivers and nallas with the help of empty bags of cement.

Weather Forecast Based Agro-Advice

Name of Crop	Growth Stage	Crop specific Advisory
Mango	New flush	<p>Newly planted Mango grafts should be supported by bamboo sticks as wind speed is likely to increase in next 5 days. As the temperature is likely to rise in the next 5 days new mango plantations should be covered with shade net to protect the grafts from heat.</p> <p>In a large mango orchard, clean the orchard by removing shrubs and weeds.</p> <p>Considering the possibility of cloudy weather conditions in the next 5 days, the new mango flush should be protected from hopper, leaf eating caterpillars, shoot borer and midge fly as required. 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.</p>
Cashew nut	New flush to flowering	<p>Newly planted Cashewnut grafts should be supported by bamboo sticks as wind speed is likely to increase in next 5 days. Considering the possibility of dry weather due to decrease in relative humidity in the next 5 days, the basins of newly planted cashew grafts should be cleaned and the area around the graft should be dug and prepare basin for watering also covered the basin with the help of leaves and straw.</p> <p>New cashew plantations should be covered with shade net to protect the grafts from heat.</p> <p>In a large cashew orchard, clean the orchard by removing shrubs and weeds.</p> <p>Rising temperatures and dry weather in the last week have created water stress in the cashew crop and it is blooming in some places. Cashew growers should be vigilant to prevent the infestation of Tea mosquito bug and thrips, In case of infestation, monocrotophos 36% EC @ 15 ml or lambda cyhalothrin 5% @ 6 ml. or profenophos 50%EC @ 10 ml. Spray in 10 liters of water.</p> <p>To increase the yield of cashew nuts, dried fish extract 500 g per 10 liters of water should be sprayed at the time of first flowering and the second spray 15 days after the first spray.</p> <p>To increase the yield of cashew seeds, spray 10 ppm of Ethrel PGR at the time of flowering.</p> <p>If the incidence CSRB is noticed in cashew, remove the grubs with the help of 15 mm chisel and soak the stem in to the paste of fipronil 5% SC @ 2 ml per liter of water (5 liter of water is sufficient for one tree) is advocated. At time of spraying sticky substance like sticker should be mix with pesticide/fungicide solution @ 1 ml/liter of water.</p>
Coconut	-	<p>Considering the increase in temperature and decrease in humidity, the rate of evaporation is likely to increase in the next 5 days Coconut seedlings should be watered at intervals of 8 to 10 days.</p>

		Newly planted Coconut seedlings should be supported with bamboo sticks as wind speed is likely to increase in the next 5 days.
Arecanut		Considering the increase in temperature and decrease in humidity, the rate of evaporation is likely to increase in the next 5 days Arecanut seedlings should be watered at intervals of 8 to 10 days. Newly planted Arecanut seedlings should be supported with bamboo sticks as wind speed is likely to increase in the next 5 days.
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.
Groundnut	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.
Sunflower	Rabbi 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.
Mustard	Rabbi sowing	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.
Horse gram	Sowing	For sowing use improved varieties like Dapoli -1 of Horse gram. Sowing distance of Horsegram crop is 30x15 cm. and required 18 to 20 kg. seed of Horse gram. Treat seed with Thiram 2.5 gram and Rhizobium 25 gram per kg. of seed. Recommended dose of fertilizers for Horse gram is 25:50:60 kg. NPK per hectare and apply the fertilizer at proper depth.
Cowpea	Sowing	For sowing use improved varieties like Konkan Sadabahar, Konkan Safed of Cowpea. Sowing distance of Cowpea crop is 30x15 cm. and required 15 to 18 kg. seed of Cowpea. Treat seed with Thiram 2.5 gram and Rhizobium 25 gram per kg. of seed for Cowpea. Recommended dose of fertilizers for Cowpea is 25:50:00 kg. NPK per hectare and apply the fertilizer at proper depth.
Kadva Wal	Sowing	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.
Water melon	Sowing	In case of infestation of Jassids and aphids on watermelon crop, spray Dimethoate 30% EC @ 15 ml per 10 liters of water for control. Yellow paper sticky traps should be used in fruity vegetable crops for the management of sucking insects.
Dairy Animals, Goat, Sheep Poultry	-	Provide proper protection for animals and poultry birds from midday heat and night cold.
This Agro Advisory Bulletin (AAB) is prepared and published with the consultation 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).		
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