



Ministry of Earth Science, India Meteorological Department is collaborated with
Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli,
Gramin Krishi Mousam Sewa,
College of Horticulture, Mulde
Agro Advisory Bulletin For The District – Sindhudurg.
(Period 28th November to 02nd December, 2020)



Issue 94/2020							Date 27.11.2020		Duration 5 Day's				
Actual weather parameters recorded during last week (Dated 20 th to 26 th November, 2020)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 28 th November to 02 nd December, 2020)				
20/11	21/11	22/11	23/11	24/11	25/11	26/11	Date		28/11	29/11	30/11	01/12	02/12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	0	3	3	0
37.0	36.5	36.5	36.0	36.0	35.0	35.0	Temp. maximum (°C)		35	34	34	34	35
23.0	23.0	20.0	19.0	21.0	18.0	16.5	Temp. minimum (°C)		22	22	22	23	22
Clear	Clear	Clear	Clear	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	7	4	2	7	8
Clear	Clear	Clear	Clear	Clear	Clear	Cloudy	PM						
85	87	91	89	91	89	92	RH - I (%)		66	82	83	74	67
51	43	46	46	46	43	46	RH - II (%)		40	58	49	46	38
0.8	1.1	0.4	0.5	0.6	0.5	0.1	Wind Speed (km/hr.)		010	009	006	007	008
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	North East	East	Easterly/ North East	East	Easterly/ North East
WSW	ENE	ENE	ESE	Calm	ENE	ENE	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 in the next five days from 28th November to 02nd December 2020, Rainfall is expected to be dry except for November 30th and December 01st and light rain is expected on November 30 and 01st December. The maximum temperature is expected to drop 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: Newly planted Mango and Cashew grafts should be supported by bamboo sticks as wind speed is likely to increase in next 5 days. Newly planted mango, cashew grafts and coconut, arecanut seedlings should be irrigated keeping in view the possibility of rising temperature and dry climate. At the same time, arrangements should be made to irrigate the area under Cucurbitaceous vegetables, leafy vegetables, chillies, tomatoes, brinjals, knol-khol etc. by weeding the plot.

SMS Advisory: Light rain is expected in South Konkan on November 30th and December 1st.

Weather Forecast Based Agro-Advice

Name of Crop	Growth Stage	Crop specific Advisory
Mango	New flush	Newly planted Mango grafts should be supported by bamboo sticks as wind speed is likely to increase in next 5 days. New mango plantations should be covered with shade net to protect the grafts from heat. In a large mango orchard, clean the orchard by removing shrubs and weeds. Considering the possibility of cloudy weather and light rainfall 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.
Cashew nut	New flush to flowering	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. New cashew plantations should be covered with shade net to protect the grafts from heat. In a large cashew orchard, clean the orchard by removing shrubs and weeds. Rising temperatures and dry weather in the last week have created water stress in the cashew crop and it is blooming in some places. Also consider the possibility of light rain and cloudy weather in the next 5 days. 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. 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. To increase the yield of cashew seeds, spray 10 ppm of Ethrel PGR at the time of flowering. 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.
Coconut and Arecanut	-	Newly planted coconut and arecanut seedlings should be supported by bamboo sticks as wind speed is likely to increase in 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	Sowing should be done on mid-October to till end of November. 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 hecter and apply the fertilizer at proper depth.
Cowpea	Sowing	Sowing should be done on mid-October to till end of November. 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 hecter 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 hecter and apply the fertilizer at proper depth.
Water melon	Sowing	Sowing of watermelon variety 'Sugar baby' on two side of ridges with a spacing of 4 x 1 m is suggested. Before sowing seed treatment with Thiram @ 3 gms/kg of seed.
Soil testing	--	Soil testing of the soil should be done to check the amount of N,P,K after harvest of field crops. For detail information contact Soil Scientist, Regional Fruit Research Station, Vengurla. (02366-262234).
Dairy Animals, Goat, Sheep Poultry	-	Proper protection of animals and birds from midday heat.
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, Vengurla and College of Horticulture, Mulde Dr. B.S.Konkan Krishi Vidyapeeth, Dapoli 416 520 (MS).		
Dr. P.C. Haldavaneekar Associate Dean and Nodal Officer Agro-Meteorological Field Unit (AMFU), Gramin Krishi Mousam Sewa, College of Horticulture, Mulde Tal. Kudal Dist. Sindhudurg (02362-244231,244272)		Dr. Y. C. Muthal Technical Officer Agro-Meteorological Field Unit (AMFU), Gramin Krishi Mousam Sewa, College of Horticulture, Mulde (02362-244231)