



Ministry of Earth Science, India Meteorological Department is collaborated with  
Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli,  
**Gramin Krishi Mousam Sewa Project,**  
College of Horticulture, Mulde  
Agro Advisory Bulletin For The District – Sindhudurg.  
(Period 30<sup>th</sup> September to 04<sup>th</sup> October, 2020)



Issue 77/2020

Date 29.09.2020

Duration 5 Days

Actual weather parameters recorded during last week  
(Dated 22<sup>nd</sup> to 28<sup>th</sup> September, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's  
(Valid for 30<sup>th</sup> September to 04<sup>th</sup> October, 2020)

22/09	23/09	24/09	25/09	26/09	27/09	28/09	Date	30/09	01/10	02/10	03/10	04/10	
168.6	61.2	9.9	11.6	40.8	4.7	10.3	Rainfall (mm)	3	0	0	0	0	
27.0	29.0	31.0	31.0	29.0	29.0	32.0	Temp. Maximum (°C)	32	31	31	31	31	
23.5	23.5	24.0	24.5	24.0	24.0	22.0	Temp. Minimum (°C)	23	23	22	22	22	
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	3	6	8	5	7
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM						
98	96	93	98	98	93	93	RH - I (%)	94	94	91	91	91	
98	78	74	92	85	76	71	RH - II (%)	69	67	68	61	61	
0.2	0.2	0.5	0.8	0.0	0.1	0.1	Wind Speed (km/hr.)	004	005	006	004	004	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	Easterly/ North East	South East	East	East	South East
Calm	WSW	WSW	Calm	Calm	WSW	Calm	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	4491.4	4488.2	307.1

General Weather conditions & warnings in forthcoming 5 days:

In Sindhudurg district during next five days from 30<sup>th</sup> September to 04<sup>th</sup> October, 2020. Only light showers are expected in isolated places on September 30. At the same time, the weather is likely to remain humid and mainly cloudy with a slight rise in temperature. 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.**

Weather Forecast Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Paddy	Early varieties:- Harvesting  Mid late & late varieties :- Flowering to grain filling	There was moderate to heavy rain last week and light rain is expected in the next five days. Considering the possibility of very light rains in the next 5 days, the harvest of early paddy varieties should be started. If early paddy varieties are ready to be harvested, arrangements should be made to remove water from the field 8 to 10 days before harvest. In some places early rice varieties are ready for harvest. In the place where the paddy is ready for harvesting, cut the paddy near the ground in the morning to noon and dry it well in the sun for 1 to 2 days, then store it in the shed and thresh it. If there is no sunshine, alternative arrangements should be made for drying. Vaibhav sickle developed by the university should be used for paddy harvesting so that the paddy is cut near the ground. In some places in the district, early paddy varieties are ready for harvesting and if it is not possible to harvest and thresh the paddy immediately, the harvested crop should be keep in shade So as not to get wet in the rain. No pesticide / fungicide spray or dusting should be done on paddy 8 days before harvesting. Also in some places mild late and late varieties are in flowering to grain filling stage and in such places 5 to 10 cm water level should be kept. In some places in the district where mid late and late rice varieties are in the stage of panicle initiation to flowering, apply third dose of nitrogen fertilizer (435 gm urea per guntha area) at crop flowering stage. Fertilizer application should be done in the absence of rainy conditions.
Finger Millet	Panicle initiation	Due to the cloudy weather and intermittent rainfall blast disease on finger millet may be observed. For control of blast disease in finger millet, need based application of Tricyclazole 75 WP @ 10 gms or Isoprothialane 40 EC @ 10 ml per 10 litres of water is suggested.
Groundnut	Flowering to Peg formation	The groundnut crop is in flowering stage and some early varieties is in peg formation stage so drum rolling operation should be carried out to increase number of pods ultimately production will be increased. At some places groundnut crop is in peg initiation stage, so proper care of the crop should be taken. If the incidence of aphids is observed in groundnut crop, then farmers are suggested to apply Dimethoate @ 10 ml per 10 litres of water for its control. If the incidence of Tikka disease is noticed on groundnut crop, then farmers are advocated to apply Carbendazim @ 10 gms or Dithane M-45 @ 20 gms per 10 litres of water for its control.
Mango	New flush	Keep the paclobutrazol applied trees free from weeds by weeding or applying weedicide Gramoxone. Sanitation of Mango orchard is advocated. 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.

		<p>For control of anthracnose on new flush of mango, application of Propineb @ 20 gm. or Thiophenate methyl @ 10 gm. or Carbendazim @ 10 gm. per 10 liter of water as per need is advocated.</p> <p>For control of dieback disease of mango, spraying with copper oxychloride 0.3 per cent (30 gms/10 litres of water) or 1% Bordeaux mixture is advocated. If there is oozing of gum from matured branches, then scrap the infected branch and apply paste of Copper oxychloride or Bordeaux mixture to the affected portion.</p> <p>Cutting diseased, dried branches, Loranthus parasite and apply 1 per cent Bordeaux mixture to the cut surface is advocated.</p> <p>At time of spraying sticky substance like sticker should be mix with pesticide/fungicide solution @ 1 ml/liter of water.</p>
Cashew nut	-	<p>In a large cashew orchard, clean the orchard by removing weeds and shrubs.</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.</p> <p>To control Dieback disease on cashews, cut the branches and apply 1% Bordeaux paste on it. After the end of rainfall season, spray 1% Bordeaux mixture all over the garden.</p> <p>Due to cloudy weather, absence of bright sunshine and extreme wet conditions leaffall/leafrot and Dieback of cashew is observed in the garden.</p> <p>Collect the infected leaves and buried it in to pit away from garden also cut the infected branches and apply Bordo Paste on it.</p> <p>To control of leaffall/leafrot and Dieback of cashew spraying with Metalaxil 8% + Mancozeb 64%, 20 gram in 10 liter of water is advocated.</p>
Coconut	Fruit Development	Application of second dose of fertilizers to Coconut @ 750 gms of Urea and 660 gms of Murate of potash as per recommended by the University is advocated. Ensure that there will be sufficient moisture in the soil.
Arecanut	Fruit Development	Koleroga (fruit drop) disease of Arecanut, spraying of 1% Bordo mixture in the orchard is suggested.
Vegetable	Fruiting	Protect the vegetables crops from pests like leaf eating caterpillars, aphids etc. by spraying 2 ml of Malathion or 1.5 ml of Dimethoate per litre of water for their control.
Dairy Animal, Goat	-	<p>Provide good quality luke warm drinking water and green fodder for animals.</p> <p>Do not allow to stagnate water in animal shed. Pits in cattle shed should be filled with soil.</p> <p>Vaccination to Goats against PPR disease under the supervision of veterinary officer is advocated.</p>
Poultry	-	Provide fresh and cool drinking water to poultry birds and chicks.

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, Vengurle and College of Horticulture, Mulde Dr. B.S.Konkan Krishi Vidyapeeth, Dapoli 416 520 (MS).

**Dr. P.C. Haldavanekar**  
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)