



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 23<sup>rd</sup> to 27<sup>th</sup> September, 2020)



Issue 75/2020

Date 22.09.2020

Duration 5 Days

Actual weather parameters recorded during last week  
(Dated 15<sup>th</sup> to 21<sup>st</sup> September, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's  
(Valid for 23<sup>rd</sup> to 27<sup>th</sup> September, 2020)

15/09	16/09	17/09	18/09	19/09	20/09	21/09	Date	23/09	24/09	25/09	26/09	27/09
34.4	5.6	46.0	8.2	27.9	8.6	30.9	Rainfall (mm)	103	27	34	10	8
31.0	31.0	31.0	26.0	29.0	31.0	31.0	Temp. Maximum (°C)	29	29	29	30	30
23.0	23.5	23.0	23.5	23.5	23.5	23.0	Temp. Minimum (°C)	23	23	23	21	21
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	AM	8	8	5	6	8
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM					
98	95	98	96	93	93	98	RH - I (%)	95	94	94	93	93
70	93	71	98	85	78	93	RH - II (%)	90	79	86	74	74
0.2	0.6	0.1	0.5	0.4	0.3	0.4	Wind Speed (km/hr.)	012	011	006	003	003
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	South West	South West	Southerly/ South West	South	Southerly/ South East
WSW	WSW	WSW	WNW	WNW	WNW	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	4184.3	4181.1	161.6

General Weather conditions & warnings in forthcoming 5 days:

In Sindhudurg district during the next five days from 23<sup>rd</sup> to 27<sup>th</sup> September, 2020 there is a possibility of heavy rain in most places on 23<sup>rd</sup> September, moderate rain in most places on 24<sup>th</sup> and 25<sup>th</sup> September and light to moderate rain in many to most places on 26<sup>th</sup> and 27<sup>th</sup> September. At the same time, the temperature is likely to remain stable, humid and completely cloudy. This forecast has been made by the Regional Meteorological Center, Mumbai.

Warning: In Sindhudurg district in the next five days on 23<sup>rd</sup> September, 2020 there is a possibility of heavy to very heavy rains with extremely heavy at isolated places and heavy rain is expected on 24<sup>th</sup> September, 2020 in isolated places.

Weather Forecast Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Paddy	Early varieties:- Grain filling	There was light to moderate rain in the last week and there is a possibility of light to heavy rain in many places in the next five days in the district. Therefore, the water level in the paddy field should be maintain as follows according to the variety of paddy and their duration. In some places in the district, early varieties of paddy are in the stage of grain filling. The water level in such places is 5 cm. Should be kept. Also in some places mild late and late varieties are in panicle initiation to flowering stage and in such places 5 to 10 cm water level should be kept.
	Mid late & late varieties :- Panicle initiation to flowering	Considering the possibility of heavy rains, excess water should be drained in the paddy field by keeping the required water level in the field. Considering the possibility of heavy rains, application of 3 <sup>rd</sup> dose of Nitrogenous fertilizer to mid late and late rice varieties should be postponed for next 2 days. 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
Groundnut	Flowering to Peg formation	Considering the possibility of heavy rains in the next two days, excess water from groundnut field should be drain out. For 40 to 45 days old groundnut crop, earthing up operation should be complete with the help of "Swastik" hoe developed by the University. 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	Considering the possibility of heavy rains in the next two days, spraying for weed control, pest control and disease control in mango orchards should be postponed for next two days. 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

		<p>Dimethoate 25 EC @ 12 ml or Monocrotophos 36 WSC @ 11 ml per 10 litres of water as per need is advocated.</p> <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>Excess water should be drained from the cashew orchard in the low land area.</p> <p>Considering the possibility of heavy rains in the next two days, spraying for pest control and disease control in cashew orchards should be postponed for next two days.</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	<p>Considering the possibility of heavy rains in the next two days, excess water from Coconut garden should be drain out.</p> <p>Given the possibility of heavy rains in the next two days, the second split dose of Nitrogen and Potash fertilizers in coconut should be postponed for next two days.</p> <p>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.</p>
Arecanut	Fruit Development	<p>Considering the possibility of heavy rains in the next two days, excess water from Arecanut garden should be drain out.</p> <p>Considering the possibility of heavy rains in the next five days, spraying for disease control in Arecanut orchards should be postponed for next two days.</p> <p>Koleroga (fruit drop) disease of Arecanut, spraying of 1% Bordo mixture in the orchard is suggested.</p>
Ridge Guard	Fruiting	<p>Considering the possibility of heavy rains in the next two days, excess water from vegetable field should be drain out.</p> <p>There may be incidence of downy mildew and powdery mildew on cucurbitaceous vegetables. For their control need based spraying of crop with Dithane M-45 or Dithane Z-78 each @ 2.5 gm/lit. of water at an interval of 10 to 15 days.</p>
Dairy Animal, Goat		<p>Provide good quality luke warm drinking water and green fodder for animals. Protect the animals from rain. 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		<p>Provide fresh and cool drinking water to poultry birds and chicks.</p>

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. 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)