



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 29th August to 02nd September, 2020)



Issue 69/2020

Date 01.09.2020

Duration 5 Days

Actual weather parameters recorded during last week
 (Dated 25th to 31st August, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
 (Valid for 02nd to 06th September, 2020)

25/08	26/08	27/08	28/08	29/08	30/08	31/08	Date	02/09	03/09	04/09	05/09	06/09
9.0	8.0	6.8	13.2	55.8	46.1	20.4	Rainfall (mm)	0	18	10	10	19
30.0	30.0	31.0	31.0	31.0	31.0	31.0	Temp. Maximum (°C)	34	34	34	33	33
24.0	24.0	23.5	23.5	23.5	23.5	23.5	Temp. Minimum (°C)	23	23	23	23	23
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	7	8	8	7
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM					
98	98	95	98	98	93	93	RH - I (%)	92	92	91	91	92
78	71	66	86	98	85	69	RH - II (%)	67	71	72	68	64
1.1	0.6	1.0	1.0	0.7	0.5	0.6	Wind Speed (km/hr.)	007	005	004	005	007
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	Southerly/ South East	Southerly/ South East	Easterly/ North East	East
WSW	WSW	WNW	Calm	WSW	WSW	WNW	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	3798.5	3795.3	159.3

General Weather condition in forthcoming 5 days:
 In Sindhudurg district, light to moderate rains are expected in most parts of the district during the next five days from September 2nd to 6th. The temperature is also expected to rise by a few degrees and the weather is likely to be 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 04, 05 and 06 September, thunderstorm is expected at isolated places accompanied with lightning.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Paddy	Early varieties:- Flowering Mid late & late varieties :- Maximum Tillering	There was light to moderate rain in the last week and there is a possibility of light to moderate rain in most 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 panicle initiation. The water level in such places is 5 to 10 cm. Should be kept. Also in some places mild late and late varieties are in maximum tillering stage and in such places 2.5 to 5 cm water level should be kept. Excess water should be drained if large amount of water is stored in the paddy field. In some places in the district where early rice varieties are in the stage of 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. Due to dry period in rains, the incidence of army worm may be observed on rice crop in the district. If incidence occurs, then dusting of 2% methyl parathion powder @ 20 kg/ha is advocated. The incidence of rice leaf folder and blue beetle has been observed on the rice crop in some parts of the district due to cloudy weather, alternately rainy and sunny conditions. For control of rice leaf folder, need based spraying with 25 % Quinalphos 18 ml or 40% triazophos 13 ml or 5% lambda cyhalothrin 5 ml per 10 liters of water is recommended. For control of blue beetle, need based spraying with Quinalphos 25 EC @ 40 ml or Triazophos 40 EC @ 12.5 ml or Lambda cyhalothrin 5 EC @ 5 ml per 10 liters of water on the whole crop is recommended. This pesticides should be sprayed in the absence of rainy conditions. Due to cloudy weather and alternately rainy and sunny conditions the incidence of rice blast may be observed, for control of blast disease in rice, need based application of Tricyclazole 10 grams or isoprothiolane 10 ml per 10 liter of water is suggested. At time of spraying sticky substance like sticker should be mix with pesticide/fungicide solution @ 1 ml/liter of water.
Finger Millet	Max. Tillering	For control of blast disease in finger millet, need based application of Tricyclazole 75 WP @ 10 gms or Isoprothiolane 40 EC @ 10 ml per 10 litres of water is suggested.
Groundnut	Seedling (Nodulation)	For 40 to 45 days old groundnut crop, earthing up operation should be complete with the help of "Swastik" hoe developed by the University.
Mango	New flush	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. Cutting diseased, dried branches, Loranthus parasite and apply 1 per cent Bordeaux mixture to the cut surface is advocated. At time of spraying sticky substance like sticker should be mix with pesticide/fungicide solution @ 1 ml/liter of water.
Cashew nut	-	Due to continues and heavy rainfall, leaffall/leafrot and Dieback of cashew is observed in the garden. Collect the infected leaves and buried it in to pit away from garden also cut the infected branches and apply Bordo Paste on it. To control of leaffall/leafrot and Dieback of cashew spraying with Metalaxil 8% + Mancozeb 64%, 20 gram in 10 liter of water is advocated. Cashew grafts should be given 4 ghabela of manure / green manure, 2 kg of urea, 1.5 kg of single super phosphate and 500 g of muriate of potash in the month of August. Fertilizers should be dug in the form of ring/bangles within a bit of the tree extension. The above amount of fertilizer should be given 1/4 in the first year, 1/2 in the second year, 3/4 in the third year and then in the fourth year. After application of fertilizers, the soil should be well drained. If the roots of cashews are injured, they should also be covered with soil.
Vegetables	Fruiting	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.
Dairy Animals, Goat	-	Farmers should be careful while working in the field to avoid lightning as there is a possibility of thunderstorm accompanied with lightning in the next 3 days. Also, to protect the dairy animals released for grazing from lightning, the dairy animals should be kept in a safer place.
Poultry	-	Protection of poultry from gusty wind and rains is advocated. Provide fresh and cool drinking water to poultry birds and chicks.

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

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