



Gramin Krishi Mousam Sewa,

College of Horticulture, Mulde

**Agro Advisory Bulletin For The District – Sindhudurg.
(Period 10th to 14th July, 2021)**



Issue 55/2021							Date 09.07.2021		Duration 5 Day's				
Actual weather parameters recorded during last week (Dated 02 nd to 08 th July, 2021)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 10 th to 14 th July, 2021)				
02/07	03/07	04/07	05/07	06/07	07/07	08/07	Date		10/07	11/07	12/07	13/07	14/07
17.6	0.0	12.6	48.9	4.4	0.0	29.0	Rainfall (mm)		151	136	168	198	168
31.0	31.0	31.5	31.5	34.0	32.5	31.0	Temp. maximum(°C)		28	28	30	29	29
23.5	23.5	23.0	23.5	24.0	24.5	23.5	Temp. minimum(°C)		23	24	24	24	25
Cloudy	Clear	Cloudy	Cloudy	Clear	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	8	8	8	8	8
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM						
97	89	92	93	90	92	98	RH - I (%)		91	90	92	94	93
71	71	92	72	72	72	78	RH - II (%)		75	79	87	92	91
0.2	0.7	0.3	0.3	0.4	0.8	0.7	Wind Speed (km/hr.)		008	011	012	013	023
Calm	Calm	Calm	Calm	Calm	Calm	ESE	AM	Wind Direction	West	West	Westerly/ North West	West	West
WNW	WNW	WNW	WNW	WSW	WNW	WNW	PM						

Rainfall (mm) in last year (2020)	Rainfall (mm) from 01/01/21 to till dated	Rainfall (mm) from 01/06/21 to till dated	Rainfall (mm) in last week
4860.0	1799.5	1274.3	112.5

General Weather conditions in forthcoming 5 days:
In Sindhudurg district very heavy rain are expected from 10th to 14th July, in the next five days. The maximum and minimum temperatures are expected to drop and remain stable at 28 to 30 and 23 to 25 degrees Celsius respectively, with an increase in humidity. The weather is also likely to be humid and completely cloudy. This forecast has been made by the Regional Meteorological Center, Mumbai.

Extended Range Forecast (6 th to 12 th Days outlook)	Rainfall
	Temperature

South Konkan and Goa meteorological sub-divisions are likely to receive above normal rainfall between 14th to 20th July. (Although the average rainfall during this period is 18.13 mm, it is expected to be 34.57 mm during this period and it is likely to be 90.65 per cent higher than the normal.)

The maximum and minimum temperature is expected to be normal between 14th to 20th July, in South Konkan and Goa meteorological sub-divisions. The average maximum and minimum temperatures during this period are 28.38 and 23.10 degrees Celsius respectively, but this year it is expected to be 28.68 and 23.86 degrees Celsius respectively. (The maximum and minimum temperature are likely to 0.30 and 0.76 degree Celsius higher than average.)

Warning:
In Sindhudurg district in the next five days from 10th to 14th July, heavy to very heavy rain is expected in isolated places on 10 and 11 July, and on 12th, 13th and 14th July, there is a possibility of heavy to very heavy rain in isolated places and extremely heavy rain in isolated places. this warning has been made by Regional Meteorological Centre, Mumbai.

General Advisory
The water level in the field should be kept at 2.5 to 5 cm for the first 30 days after transplanting so that weeds do not appear. Additional water should be drain out.
Drain excess water from mango, cashew, coconut and arecanut orchards.

SMS Advisory
Excess water should be drain out from the newly replanted paddy field as heavy rains are likely in the next five days.

Weather Forecast Based Agro-Advice

Name of Crop	Growth Stage	Crop specific Advisory
Kharif Rice	Transplanting	Due to the possibility of very heavy rains in the next five days, transplanting of paddy should be completed in areas where the seedlings of the proud varieties of paddy are suitable for planting. At the time of puddling 35 kg Urea, 125 kg. Single super phosphate and 34 kg. muriate of potash fertilizer should be mixed per acre. Apply 2 tons of Gliricidia leaves per acre at the time of puddling and reduce the amount of Nitrogen

		<p>Fertilizer (Urea) by 50%.</p> <p>After 20 to 21 days transplant 12 to 15 cm tall and 5 to 6 leafed seedlings. For mild varieties, paddy should be transplanted at a spacing of 15 x 15 cm. Planting should be straight and shallow 2.5 to 3.5 cm deep. Shallow planting makes tillers better. Plant 2 to 3 seedlings in one hill and only one seedling in one hill for hybrid rice.</p> <p>The water level in the field should be kept at 2.5 to 5 cm for the first 30 days after transplanting so that weeds do not appear. Drain out excess water for paddy field.</p>
Finger Millet	Nursery Management	<p>Finger millet transplanting works should be undertaken as very heavy rains are likely in the next five days.</p> <p>Finger millet crop is in transplanting stage. Transplanting should be done by dibbling method at a distance of 20 cm X 15 cm.</p> <p>There is a forecast very heavy rains. Finger millet crop is in nursery stage and in some places 10 to 15 days nursery is available in the district. Farmers are suggested to apply 1 kg nitrogenous fertilizer (urea) per R area to finger millet nursery and weeding should be carried out in nursery.</p> <p>Due to the possibility of very heavy rains in the next five days, ploughing and puddling should be undertaken at the places where finger millet is to be transplanted so that the water received by the rains does not seep from the paddy field and get stored.</p>
Groundnut	Sowing	<p>Groundnut sowing should be completed as soon as possible in areas where groundnut sowing is lagging behind.</p> <p>As moderate rains are expected in the next five days, groundnut sowing should be undertaken. Sseeds of Konkan Bhuratna groundnut variety of Konkan Krishi Vidyapeeth are available for sale at Agricultural Research station, Phondaghat.</p> <p>Use varieties like Konkan Gaurav and Trombay Konkan (Tapora) as well as high yielding varieties like TG-26, TAG-24 and TPG-41 recommended by Dr. B.S. Konkan Krishi Vidyapeeth, Dapoli for Konkan region. Seed treatment with Thiram @ 3 gm/kg of seed is advocated against wilt disease in groundnut. In addition, 20 g of Rhizobium and 50 g of Phosphorus soluble bacterial culture per kg of seed should be treated in this manner.</p> <p>Sowing of erect varieties should be done at a distance of 30 x 15 cm and sowing of semi-spreading and spreading varieties should be done at a distance of 45 x 15 cm by token method.</p>
Mango	-	<p>Excess water in the mango orchard should be drain out as very heavy rains are likely in the next five days.</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>
Cashew nut	-	<p>Excess water in the cashew orchard should be drain out as very heavy rains are likely in the next five days.</p> <p>Cashew growers need to be vigilant against the outbreak of CSRB as the adults breed in large numbers at the beginning of the rainy season, to control cashew stem rot borer remove the bark of affected stem with help of 15 mm knife and remove the cashew stem rot borer from stem and soak the stem in to the paste of Cloropyriphos 20% EC @ 10 ml. per 10 liter of water or fipronil 5% SC @ 2 ml per liter of water (5 liter of water is sufficient for one tree) is advocated. Plantation of Cashew nut is done by using grafts.</p>
Coconut	Fruit Development	<p>Excess water should be drained from the coconut seedling as very heavy rains are likely in the next five days. Spraying of 1 per cent Bordeaux mixture in the garden for control of coconut leaf spot disease.</p>
Arecanut	Fruit Development	<p>Excess water should be drained from the Arecanut seedling as very heavy rains are likely in the next five days. Spray 1% Bordeaux mixture in the arecanut orchard for control of fruit rot diseases.</p>
Brinjal	Transplanting	<p>Due to the possibility of very heavy rains in the next five days, water should be drained from the newly transplanted area.</p>
Chilli	Transplanting	<p>Due to the possibility of very heavy rains in the next five days, water should be drained from the newly transplanted area.</p>
Okra	Sowing	<p>Considering the possibility of very heavy rains for the next five days, to cultivate Okra crop, plow the land and break the clods and mix 150 kg of well decomposed manure per R in the soil. Planting 60 x 60 cm. Should be done at a distance. At the time of sowing apply 720 g urea, 3.75 kg single super phosphate and 825 muriate of potash per R.</p>
Cucurbits	Sowing	<p>In some places, the vine has started elongation in the vineyards. They should be supported by a stick and earthing up should be done.</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).

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