

Ministry of Earth Science, India Meteorological Department is collaborated with
 Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli,
Gramin Krishi Mousam Seva Project,
 College of Horticulture, Mulde
 Agro Advisory Bulletin For The District Sindhudurg
 (Period 09th May to 13th May, 2020)



Issue 36/2020

Date 08.05.2020

Duration 5 Days

Actual weather parameters recorded during last week
 (Dated 1st to 08th May, 2020)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
 (Valid for 09th May to 13th May, 2020)

01/05	02/05	03/05	04/05	05/05	06/05	07/05	Date	09/05	10/05	11/05	12/05	13/05	
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	4	14	10	15	
37.0	37.0	39.0	39.0	39.0	39.0	39.0	Temp. Maximum (°C)	37	36	36	37	38	
24.0	26.0	27.0	27.0	26.0	27.0	27.0	Temp. Minimum (°C)	26	26	27	26	27	
Cloudy	Clear	Clear	Cloudy	Clear	Clear	Clear	AM	Cloud Cover (Octa.)	3	1	2	2	2
Clear	Clear	Clear	Clear	Clear	Clear	Clear	PM						
77	85	78	88	82	82	80	RH - I (%)	87	74	85	76	80	
48	48	53	48	47	47	45	RH - II (%)	36	36	33	35	33	
1.8	2.1	2.0	2.0	1.8	2.4	2.4	Wind Speed (km/hr.)	006	007	008	006	012	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	South West	South	East	South East	North East
WSW	WSW	ESE	WSW	WNW	WNW	WSW	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	0.0	0.0	0.0

General Weather condition in forthcoming 5 days: Maximum temperature will be highly increase in the Sindhudurg District in upcoming five days as well as light rain is forecasted on 10th, 11th, 12th and 13th May, 2020 at isolated places and weather remain dry and partly cloudy. RMC, Mumbai.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Rice, Finger millet Groundnut	Preparatory tillage operation	Ploughing the field after harvest to destroy the stubbles is suggested. In the areas where the harvesting is completed, in such areas plough the field and make arrangements for cultural operations for <i>kharif</i> season and preparation of rice nursery. Procure improved seeds of rice, groundnut and finger millet.
Mango	Fruit Development to Harvesting	<p>Clean the field which is selected for mango plantation by cutting trees, shrubs and bushes.</p> <p>Before onset of monsoon in the month of April-May dug out 1x1x1m. size pit at 10x10 m. distance and fill this pit with good soil and 3-4 ghamela of compost of cow dung and 3kg single super phosphate and prepare pit for plantation of mango.</p> <p>Create shade in new mango plantation with the help of shade net. Also irrigate the basins and mulch with leaves, paddy straw or weed.</p> <p>The Mango fruits are egg size stage and in mature size stage in some parts in the district. Harvest the mature fruits before 10 hours in the morning and after 16 hours in the evening with the help of Nutan mango harvester at 80 to 85 % maturity. Keep the harvested fruits in shade to prevent spongy tissue disease and from heat. Give treatment with fungicide and ethylene for ripening as per the recommendations. Transport of harvested fruits should be done preferably during night hours. Do not apply any insecticides/fungicides 8 days before harvesting of mango fruits.</p> <p>Incidence of fruit fly is found in the last week, Install University recommended methyl eugenol containing Rakshak fruit fly traps @ 4 traps per ha to control mango fruit fly.</p> <p>The incidence of anthracnose and powdery mildew diseases may found on mango due to last week rainfall. To control spraying of Thiophenate methyl and Carbendanzim 1% @ 1 gram per 1 liter water is advocated.</p> <p>Create shade in new mango plantation with the help of shade net. Also irrigate the basins and mulch with leaves, paddy straw or weed.</p>
Cashew nut	Harvesting	<p>Plantation of Cashew nut should be done by using grafts in the month of April and May dugout the pit of 7x7m or 8x8m with size of 0.6x0.6x0.6m. Fill the pit with 1 to 2 ghamela of compost, 1 to 2 kg Single super phosphate or Bone meal. 155 to 200 plants can be fit in 1 ha of area. For controlling Termite dusting of 2% Methyl parathion 50gm powder per pit.</p> <p>Create shade in new cashew plantation with the help of shade net. Also irrigate the basins and mulch with leaves, paddy straw or weed.</p> <p>If the incidence of cashew stem rot borer is found 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.</p>
Fruit processing		Make processed preservative food products from fruits of Mango, Jackfruit, Jamun, Kokum, Karonda as per availability of fruits.
Soil testing		Do not burn stubbles of crops, leaves and weed in the field, It causes depletion of plant nutrients also decrease soil fertility. Soil testing of the soil should be done to check the amount of N,P,K after harvest of fruit crops. For detail information contact Soil Scientist, Regional Fruit Research Station, Vengurla. (02366-262234).

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).

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