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 30th May to 03rd June, 2020)

Issue 42/2020	Date 29.05.2020	Duration 5 Days

Actual weather parameters recorded during last week (Dated 22nd to 28th May, 2020)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 30th May to 03rd, 2020)				
22/05	23/05	24/05	25/05	26/05	27/05	28/05	Date		30/05	31/05	01/06	02/06	03/06
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)		0	4	14	59	23
37.0	38.0	39.0	39.0	36.0	37.0	37.0	Temp. Maximum (^{0}C)		37	36	35	34	33
25.5	26.0	25.5	26.0	26.0	26.5	26.0	Temp. Minimum (^{0}C)		25	24	23	22	21
Clear	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	3	8	8	8	8
Cloudy	Cloudy	Clear	Cloudy	Cloudy	Clear	Clear	PM						
85	85	80	85	75	75	85	RH - I (%)		86	85	89	88	88
48	45	45	45	55	48	48	RH - II (%)		51	50	55	72	74
2.2	2.6	2.7	2.5	2.4	1.6	2.8	Wind Speed (km/hr.)		011	011	009	007	021
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	Northerly North West	Northerly North West	West	East	Southerly South East
WSW	WSW	WNW	ESE	WNW	WNW	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	3.2	0.0	3.2

General Weather condition in forthcoming 5 days: Maximum temperature will be decrease in the Sindhudurg District in upcoming five days as well as Moderate rain is forecasted on 30th May at isolated, on 31st May at few places and 01st, 2nd and 03rd June, 2020 at many places and weather remain moist and mainly cloudy. RMC, Mumbai.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Rice, Nagli	Nursery preparation and Sowing	There is a forecast of moderate rains. So farmers are suggested to sow the kharif crops (paddy, nagli and vari) seed. Application of 1 kg urea and 3 kg of single super phosphate with sufficient quantity of FYM per 1 R area of nursery is advocated. Seed treatment to paddy seed with Emisan or Thiram @ 2 gm per kg seed is advised. If possible sow the seed on raised beds. Seed rate for paddy is 50 kg per ha for bold varieties, 40 kg per ha for fine varieties and 20 kg per ha for hybrid varieties is recommended. To control weeds, application of Butachlor (50 EC) @ 60 ml per 10 litres of water is suggested. Application should be done before emergence of weeds in nursery. Where the preparation of raised bed is not possible there should select high land for preparation of rice nursery also provide furrows so as to drain out excess water in heavy rain and avoid mortality of seedling.
Groundnut	Pre tillage and Sowing	Select medium to heavy with well-drained soil for the sowing of groundnut. Pulverize the soil by ploughing also add 10 tone well rotten FYM per ha. The time of sowing of kharif groundnut is 10 to 20 June. The light rain is predicted in forthcoming 5 days, so prerequisite of sowing should be complete.
Mango	Harvesting	Newly planted mango seedlings should be supported by sticks as wind speed is likely to increase in the coming week Also create shade with the help of shade net for protection from the sun. 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.
Cashew nut	Harvesting	Newly planted cashew nut seedlings should be supported by sticks as wind speed is likely to increase in the coming week Also create shade with the help of shade net for protection from the sun. 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.
Coconut	Fruit Development	Newly planted coconut seedlings should be supported by sticks as wind speed is likely to increase in the coming week Also create shade with the help of shade net for protection from the sun.
Mango, Cashew, Coconut, Arecanut	New plantation	For new plantations of Mango, Cashew, Coconut and Arecanut, clean the area by cutting small shrubs and plants. For mango, dig out the pits of 1 x 1 x 1 m. size at the distance of 10 x 10 m. and for cashew pits of 0.6 x 0.6 x 0.6 m. size at the distance of 7 x 7 m., for coconut pits of 1 x 1 x 1 m. at a distance of 7.5 x 7.5 m and for arecanut pits of 0.6 x 0.6 x 0.6 m. at a distance of 2.7 x 2.7 m and expose them to sunlight. Fill the pits with mixture of soil, 30 to 40 kg of FYM or Compost and 1 kg single super phosphate.
Vegetables		Sowing of kharif vegetables like Chilli, Brinjal, Tomato, okra, cucumber, bitter gourd, snake gourd, ridge gourd, Snap melon etc. should be started. Use high yielding varieties for sowing recommended by the University. Okra should be planted on ridges and furrows and sowing of gourd vegetables be done on soil mounts.
Poultry		Vaccination to poultry against Ranikhet disease under the supervision of Veterinary officer is advocated.

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 College of Horticulture, Mulde Tal. Kudal Dist. Sindhudurg	Dr. P.C. Haldavanekar Associate Dean and Nodal Officer College of Horticulture, Mulde Tal. Kudal Dist. Sindhudurg (02362-244231,244272)	Dr. Y. C. Muthal Technical Officer Gramin Krishi Mousam Seva College of Horticulture, Mulde (02362-244231)