



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 26th to 30th June, 2019)



Issue 51/2019

Date 25.06.2019

Duration 5 Days

Actual weather parameters recorded during last week (Dated 19 th to 25 th June, 2019)							Weather Parameters	Forecasted weather parameters for forthcoming 5 day's (Valid for 26 th to 30 th June, 2019)					
19/06	20/06	21/06	22/06	23/06	24/06	25/06	Date	26/06	27/06	28/06	29/06	30/06	
6.6	67.0	1.4	0.0	5.2	18.4	0.0	Rainfall (mm)	45	61	35	45	67	
31.5	31.5	27.5	32.5	32.5	32.5	31.0	T Maximum (°C)	32	31	32	32	32	
25.0	23.0	23.0	23.0	23.0	24.0	24.0	T Minimum (°C)	23	23	23	23	23	
Cloudy	Cloudy	Clear	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	4	7	6	7	8
Cloudy	Cloudy	Clear	Cloudy	Cloudy	Cloudy	Cloudy	PM						
92	85	85	85	92	92	90	RH - I (%)	88	90	90	90	90	
72	86	66	72	72	86	66	RH - II (%)	66	72	76	79	84	
0.9	0.7	0.7	2.1	1.4	3.1	1.9	Wind Speed (km/hr.)	009	010	013	014	013	
Calm	Calm	Calm	Calm	Calm	ESE	Calm	AM	Wind Direction	205	250	256	266	265
WSW	WSW	WSW	WSW	ESE	ESE	WSW	PM						
Rainfall (mm) in last year (2018)			Rainfall (mm) from 01/01/19 to till dated			Rainfall (mm) from 01/06/19 to till dated			Rainfall (mm) in last week				
3269.2			252.8			252.8			98.6				

General Weather condition in forthcoming 5 days: Heavy rain is predicted in forthcoming 5 days.

Weather Prediction Based Agro-Advice

Name of Crop	Growth Stage	Advisory
Rice, Nagli	Transplanting	<p>There is a forecast of heavy rains. There is a forecast of medium rains during current week. Rice crop is in nursery stage and in some places 20 to 25 days nursery is available. Transplanting of rice should be done as early as possible. Transplanting of 20 to 22 days old paddy seedlings having 12 to 15 cm height and 6 leaves should be done. Application of 870 gm Urea, 3 kg SSP and 830gm MOP per 1 R area at the time of last puddling operation before transplanting is recommended. Also use of Glyricidia leaves @ 10 tonnes per ha (100 kg per R) to add the organic matter is advised. It is advised to keep the transplanting distance between rows and plants for Early variety- 15 cm X 15 cm and for Midlate and late variety - 20cm X 15cm. Farmers are suggested to adopt 4 way planting method of rice.</p> <p>Drain out excess water from rice field wherever necessary.</p> <p>In some places 15 to 20 days nursery is available. In such places start the remaining work of ploughing and puddling operations for transplanting in rice.</p> <p>If the nagli seedlings are 15 days old, the do the weeding and give 1st dost of Urea @ 1kg/seed bed in the nursery. For transplanting, ploughing should be done perpendicular to the slope.</p>
Groundnut	Pre tillage and Sowing	<p>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.</p> <p>Carry our preliminary cultural/farm operations for sowing of groundnut. Plough the field deeply and after last leveling add 10 tonnes of FYM or Compost per ha in the soil. Use 100 to 125 kg of seed/per ha for sowing. 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.</p> <p>Seed treatment with Thiram @ 3 gm/kg of seed is advocated against wilt disease in groundnut.</p> <p>The Moderate rain is predicted in forthcoming 5 days, so prerequisite of sowing should be complete.</p>
Mango	New Plantation	<p>Application of fertilizer dose to mango according to the recommended dose of Dr. B.S. Konkan Krishi Vidyapeeth, Dapoli. Application of one ghamela FYM, 300 gm Urea, 300 gm SSP and 100 gm MOP for one year old mango plants. Increase the dose of the manures and fertilizers according to the age of plant.</p> <p>Start the stone grafting programme in the mango nursery.</p>
Cashew	New Plantation	<p>If the incidence CSRB is noticed in cashew, remove the grubs with the help of 15 mm chisel and application of Chloropyriphos 10 ml in infested holes on Cashew plant and drenching the remaining solution around tree trunk near the ground region is advocated. Cut the dead wood and diseased branches and apply 1% Bordeaux paste to the cut surface.</p>
Coconut	Fruit Bearing	<p>Fill the innermost leaf axils of coconut palm with mixture of 2 % methyl parathion dust 50 gm + 50 gm sand and spraying the FYM pits with 0.2 % carbarly is advocated for control of adults and grubs of rhinoceros beetle. It is advocated to spray 1 per cent bordo mixture against leaf spot of Coconut.</p>
Vegetables	Nursery preparation and Sowing	<p>Sowing of <i>kharif</i> 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.</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. Haldavanekar
Associate Dean
College of Horticulture, Mulde
Tal. Kudal Dist. Sindhudurg

Dr. B. N. Sawant
Associate Director of Research and Nodal Officer
Regional Fruit Research Station, Vengurle
(02366-262234/262693)

Dr. Y. C. Muthal
Technical Officer
Gramin Krishi Mousam Seva
College of Horticulture, Mulde
(02362-244231)