



Ministry of Earth Science, India Meteorological Department is collaborated with
Dr. Balasaheb Sawant Konkani Krishi Vidyapeeth, Dapoli,

Gramin Krishi Mousam Seva Project,

College of Horticulture, Mulde
Agro Advisory Bulletin For The District Sindhudurg
(Period 29th June to 03rd July, 2019)



Issue 52/2019

Date 28.06.2019

Duration 5 Days

Actual weather parameters recorded during last week
(Dated 22nd to 29th June, 2019)

Weather Parameters

Forecasted weather parameters for forthcoming 5 day's
(Valid for 29th June to 03rd July, 2019)

22/06	23/06	24/06	25/06	26/06	27/06	28/06	Date	29/06	30/06	01/07	02/07	03/07	
0.0	5.2	18.4	0.0	10.8	72.2	99.2	Rainfall (mm)	57	65	63	47	60	
32.5	32.5	32.5	31.0	28.0	28.0	28.0	T Maximum (°C)	32	32	33	33	33	
23.0	23.0	24.0	24.0	24.0	23.0	23.0	T Minimum (°C)	23	24	24	24	24	
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	AM	Cloud Cover (Octa.)	8	8	8	7	7
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	PM						
85	92	92	90	92	96	96	RH - I (%)	91	91	90	88	92	
72	72	86	66	95	85		RH - II (%)	84	86	84	72	77	
2.1	1.4	3.1	1.9	3.7	2.8	2.7	Wind Speed (km/hr.)	014	015	013	008	007	
Calm	Calm	ESE	Calm	ESE	ESE	ESE	AM	Wind Direction	263	265	269	218	202
WSW	ESE	ESE	WSW	ESE	Calm		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			458.6			458.6			205.8				

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	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>
Nagli	Transplanting	<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> <p>Transplanting of the nagali should be carried out in drizzling rain or in cloudy weather, planting should be done across the slope of land also to increase production transplant 30 days old seedling by the spacing of 20 cm between rows and 15 cm between plant and two seedling per hill should be planted.</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 Konkani Gaurav and Trombay Konkani (Tapora) as well as high yielding varieties like TG-26, TAG-24 and TPG-41 recommended by Dr. B.S. Konkani Krishi Vidyapeeth, Dapoli for Konkani 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. Konkani 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 Chloropyrifos 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>

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. Konkani Krishi Vidyapeeth, Dapoli 416 520 (MS).

Dr. P.C. Haldavaneekar
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)