



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 19<sup>th</sup> to 23<sup>rd</sup> October, 2019)



Issue 84/2019

Date 18.10.2019

Duration 5 Days

Actual weather parameters recorded during last week (Dated 12 <sup>th</sup> to 18 <sup>th</sup> October, 2019)							Weather Parameters		Forecasted weather parameters for forthcoming 5 day's (Valid for 19 <sup>th</sup> to 23 <sup>rd</sup> October, 2019)				
12/10	13/10	14/10	15/10	16/10	17/10	18/10	Date	19/10	20/10	21/10	22/10	23/10	
0.0	0.0	0.0	0.0	0.0	0.0	3.0	Rainfall (mm)	12	7	12	15	14	
35.0	35.0	36.0	36.0	36.5	35.0	35.0	Temp. maximum (°C)	32	32	33	33	32	
23.0	23.0	23.0	25.0	25.0	24.0	24.5	Temp. minimum (°C)	23	24	24	24	24	
Clear	Cloudy	Clear	Clear	Clear	Clear	Cloudy	AM	Cloud Cover (Octa.)	8	8	8	8	
Cloudy	Cloudy	Clear	Cloudy	Cloudy	Cloudy	Cloudy	PM						
92	92	92	85	93	92	93	RH - I (%)	90	89	90	88	91	
57	57	58	53	57	58	85	RH - II (%)	81	72	63	67	61	
0.9	1.3	0.6	0.8	2.0	0.4	1.5	Wind Speed (km/hr.)	008	007	006	006	005	
Calm	Calm	Calm	Calm	Calm	Calm	Calm	AM	Wind Direction	87	91	85	93	
ESE	WSW	WNW	ENE	WSW	WSW	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	4261.2	4261.2	3.0

**General Weather condition in forthcoming 5 days:** Moderate rain and cloudy weather is predicted in forthcoming 5 days.

**Weather Prediction Based Agro-Advice**

Name of Crop	Growth Stage	Advisory
Rice	Harvesting	Harvest the crop close to the ground with the help of "Vaibhav sickle" developed by Dr. B.S.K.K.V. Dapoli. Some of the places (Devgad, Jamsande) in the district the harvesting of early rice varieties is ongoing it is advised that store the harvested rice in to shade and where the harvesting is not done there should harvest the crop by looking forecast. Irrigate the rice field of late varieties from outside the water source. Maintain 5 cm water level in long durational varieties in rice in grain filling stage. Drain out water from the rice field 8 to 10 days before harvesting. Do not apply any insecticides/fungicides on the matured rice crop.
Groundnut	Peg initiation & pod formation	If the incidence of Tikka disease is noticed on groundnut crop, then farmers are advocated to apply Carbendazim @ 10 gms or Dithane M-45 @ 20 gms per 10 litres of water for its control.
Horse gram & Cowpea	Sowing	Sowing should be done on mid-October to till end of November. For sowing use improved varieties like Dapoli -1 and Konkan Sadabahar, Konkan Safed of Horse gram and Cowpea respectively. Sowing distance of both the crop is 30x15 cm. and required 18 to 20 kg. and 15 to 18 kg. seed of Horse gram and Cowpea respectively. Treat seed with Thiram 2.5 gram and Rhizobium 25 gram per kg. of seed for both crops. Recommended dose of fertilizers for Horse gram is 25:50:60 kg. NPK per hectare and for Cowpea is 25:50:00 kg. NPK per hectare and apply the fertilizer at proper depth.
Kadva Wal	Sowing	Sowing should be done on October and November. For sowing use improved varieties like Konkan wal -1 and Konkan wal-2 of Kadva Wal. Sowing distance for the crop is 30x15 cm. or 30x20 cm. or 30x30 cm. and required 50 to 60 kg. Seed of Wal. Treat seed with Thiram 3 gram and Rhizobium 25 gram per kg. of seed for Wal crop. Recommended dose of fertilizers for Wal is 25:50:60 kg. NPK per hectare and apply the fertilizer at proper depth.
Mango	Flushing	Protect the new flush from mango hoppers, leaf eating caterpillars, shoot borer and midge fly. If incidence is noticed, spraying with <i>Dimethoate</i> 25 EC @ 12 ml or <i>Monocrotophos</i> 36 WSC @ 11 ml per 10 litres of water as per need is advocated.
Cashewnut	Pre-flush	If the incidence of <b>cashew stem rot borer</b> 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 <i>Cloropyrifos</i> 20% EC @ 10 ml. per 10 liter water is advocated. In cashew cut the dead and diseased branches and apply 1 % bordo paste to the cut surface.
Coconut and Arecanut	Flowering	Application of second dose of fertilizers to Coconut @ 750 gms of Urea and 660 gms of Murate of potash as per recommended by the University is advocated.
Dairy animals, Goat, Poultry	-	Provide good quality luke warm drinking water and green fodder for animals. Vaccination to cows, buffaloes and goats against foot and mouth disease is advocated. Vaccination to Goats against under the supervision of veterinary officer is advocated. Protection of poultry from rains is advocated.

This Agro Advisory Bulletin (AAB) is prepared and published with the consultation 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)