



Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
(02358) 282387



No. 94/2019

Date: 22/11/2019

Duration – 5 days

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Significant past weather for the preceding week (Period –16/11/2019 to 22/11/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 27/11/2019				
16/11	17/11	18/11	19/11	20/11	21/11	22/11		23/11	24/11	25/11	26/11	27/11
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
32.4	33.5	34.0	33.0	33.0	33.5	33.0	Maximum temperature (°C)	35	34	35	35	35
21.0	21.5	21.5	18.0	19.5	21.2	20.1	Minimum temperature (°C)	23	22	22	22	23
0	0	2	2	2	0	2	Cloud cover (Octa)	0	4	0	1	0
93	95	76	90	91	89	96	Relative Humidity Max. (%)	76	69	67	69	69
58	60	51	46	55	60	-	Relative Humidity Min. (%)	49	45	42	46	43
2.0	2.2	2.0	2.3	2.4	2.3	2.2	Wind speed (Km/hr)	7	8	7	8	8
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	E	E	ENE	E	E
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
0.0							5130.9	3071.8				

Agro-met Advisory

There is possibility of increase in maximum temperature from 23th to 27th November, 2019

Extended range rainfall forecast for Konkan division for the period from 22nd to 28th November, 2019 is below normal.

According to NDVI, Agriculture vigour is good and according to SPI, severely wet condition experienced in Ratnagiri district.

Crop	Stage	Agro Advise
Groundnut	Sowing	<ul style="list-style-type: none"> • Groundnut varieties S.B. 11, T.A.G.-24, Phule pragati, Konkan gaurav, T.G. 26, Konkan Trombe Tapura @100-125 kg/ha are suitable for rabi groundnut . • Before sowing, treat the seed with Thiram fungicide @3 gm/kg of seeds. After that treat the seed with Rhizobium @ 20 gms and Phosphate solubilizing bacteria biofertilizer @50 gms per kg of seed. Carryout sowing by dibbling the seed at 30 X 15 cm spacing (for erect type) and at 45 X 15 cm spacing (for semi-spreading and spreading type). Apply fertilizer dose of 22 kg urea, 125 kg SSP and 20 kg of MOP per acre at the time of sowing. For control of weeds in groundnut apply Butachlor @ 50 ml per 10 liter of water after sowing on wet flat bed. • For cultivation of groundnut on transparent polythene mulch, prepare raised bed of a top width of 60 cm and 5-7 cm height leaving 30 cm distance on either side of bed. For control of weeds, apply Butachlor @ 50 ml per 10 liter of water before sowing on wet raised bed. After herbicide application, spread transparent polythene sheet on to bed. Hole can be made at a 20cm distance from the centre of mulch. Plant to plant distance maintains is 10cm. dibbling the seeds at 3-4 cm depth. Apply fertilizer of 44 kg urea, 250 kg SSP and 40 kg MOP before sowing into line at 8-10cm deep in soil. Before sowing, treat the seed with Thiram fungicide @3 gm/kg of seeds. If there is availability of drip irrigation system, install system before spreading of polythene mulch.
Mango	Vegetative	<ul style="list-style-type: none"> • There is possibility of incidence of hoppers, midge fly and shoot borer on vegetative flush of mango to protect the flush of mango, spray Lambda cyhalothrin 5%EC @ 6ml or Quinalphos 25%EC@25 ml per 10 liter of water.
Cashewnut	Flowering	<ul style="list-style-type: none"> • There is possibility of incidence of tea mosquito bug and thrips on the inflorescence of cashewnut, if incidence is noticed spray Profenophos 50% EC @10 ml per 10 liter of water.
Coconut	-	<ul style="list-style-type: none"> • For control of eriophyid mite on coconut, neem-based insecticide neemazal 5% @ 7.5 ml be mixed in equal quantity of water apply through root feeding during month of October-November. Harvesting is avoided at least 45 days after treatment. In addition to this spray neem-based insecticide (neemazal) 1% @4 ml per liter of water on bunch of nuts. Collect and destroy all infected inflorescence and nuts before spraying.
Long yard bean	Seedlings	<ul style="list-style-type: none"> • Carryout thinning of seedling 15 to 20 days after germination also provide irrigation at 6 to 8 days interval, regularly.
Water melon	Seedlings	<ul style="list-style-type: none"> • Provide irrigation to water melon at 4 to 5 days interval regularly.
Okra	Sowing	<ul style="list-style-type: none"> • For the cultivation of okra, carryout primary tillage operation. Follow sowing on ridges and furrow having spacing of 45 X 15 cm. apply 150 kg FYM, 700 g urea, 3kg single super phosphate and 420 g muriate of potash per guntha. Provide light irrigation after sowing.

Brinjal	Seedling	<ul style="list-style-type: none"> • If seedlings of brinjal are ready for transplanting, transplant the seedlings on ridges and furrow with spacing of 60 X 60 cm. for protection of seedlings from incidence of little leaf disease, dip the seedling for 5 minute in Dimethoate solution @ 1ml and Achromycin @ 0.5 gm per liter of water before transplanting. Apply fertilizer dose of 8 tonne of FYM/Compost, 43 kg urea, 125 kg SSP and 33 kg of MOP per acre at the time of transplanting. Provide irrigation immediately after transplanting.
Chilli	Seedling	<ul style="list-style-type: none"> • If seedlings of chilli are ready for transplanting, transplant the seedlings on ridges and furrow with spacing of 60 X 60 cm. Apply fertilizer dose of 6 tonne of FYM/Compost, 65 kg urea, 188 kg SSP and 33 kg of MOP per acre at the time of transplanting. Provide irrigation immediately after transplanting
Milch animal /goat	-	<ul style="list-style-type: none"> • Provide clean and hygienic drinking water to farm animals. • For control of worms in goat, give Albendazol 7.5 ml per kg weight of animal.
<p>This Agro Advisory Bulletin (AAB) is prepared and published with the consultation and recommendation of SMS committees of “Gramin Krishi Mausam Sewa (GKMS)” Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli.</p> <p>For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.</p>		