



Agromet Advisory Service Bulletin for Ratnagiri District
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Significant past weather for the preceding week (Period –20/11/2019 to 26/11/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 01/12/2019				
20/11	21/11	22/11	23/11	24/11	25/11	26/11		27/11	28/11	29/11	30/11	01/12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	1	0
33.0	33.5	33.0	33.0	33.2	32.5	32.8	Maximum temperature (°C)	35	35	34	34	35
19.5	21.2	20.1	18.5	18.0	18.5	17.0	Minimum temperature (°C)	21	22	24	23	22
2	0	2	0	0	0	0	Cloud cover (Octa)	3	2	4	6	5
91	89	96	96	94	96	92	Relative Humidity Max. (%)	70	70	68	74	70
55	60	60	56	60	49	-	Relative Humidity Min. (%)	43	40	43	48	42
2.4	2.3	2.2	1.9	2.5	2.4	2.4	Wind speed (Km/hr)	8	10	10	8	7
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	E	E	E	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 27th November to 1st December 2019. Sky will be partly cloudy. Extended range rainfall forecast for Konkan division for the period from 29th November to 5th December, 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"> 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. While preparing raised bed mix 4-6 tonne of FYM. For control of weeds, Apply fertilizer of 44 kg urea, 250 kg SSP and 40 kg MOP before sowing into line at 8-10 cm deep in soil. Apply Butachlor @ 50 ml per 10 liter of water before sowing on wet raised bed. After herbicide application, If there is availability of drip irrigation system, install system before spreading of polythene mulch. Hole can be made at a 20 cm distance from the centre of mulch. Maintain plant to plant distance of 10 cm. dibbling the seeds at 3-4 cm depth. Before sowing, treat the seed with Thiram fungicide @3 gm/kg of seeds.
Mango	Vegetative to Flower bud initiation	<ul style="list-style-type: none"> There is favorable weather condition for flower bud initiation in mango on matured vegetative shoot. As per mango blossom protection schedule, for protection of buds from hoppers and powdery mildew diseases, take 2nd spray of deltamethrin 2.8%EC @ 10 ml + wettable Sulphur 80% @ 20 gm per 10 liter in water.
Cashewnut	Flowering	<ul style="list-style-type: none"> There is possibility of incidence of tea mosquito bugs on the inflorescence of cashewnut, to protect the cashew inflorescence, spray Profenophos 50% EC @ 10 ml per 10 liter of water.
Long yard bean	Seedlings	<ul style="list-style-type: none"> Carryout thinning operation 15 to 20 days after germination also provides 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.
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	-	<ul style="list-style-type: none"> Provide clean and hygienic drinking water to farm animals. Vaccination against foot and mouth disease in farm animals under supervision of veterinary officers is advocated.
Poultry	-	<ul style="list-style-type: none"> Protect the poultry birds from low temperature by providing curtains and electric bulbs as per the need.

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. For more information contact nearby SAU research station or Agriculture officers of Agriculture Department, Maharashtra state.