



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



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Duration – 5 days

Dr. Prashant Bodake,
Head,
Department of Agronomy
9420413255

Dr. Vijay More,
Nodal Officer,
Department of Agronomy
9422374001

Dr. Shital Yadav,
Technical Officer,
Department of Agronomy
8379901160

Significant past weather for the preceding week (Period –11/11/2020 to 17/11/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 22/11/2020				
11/11	12/11	13/11	14/11	15/11	16/11	17/11		18/11	19/11	20/11	21/11	22/11
0.0	0.0	-	-	-	-	-	Rainfall (mm)	0	0	8	12	0
32.3	31.5	-	-	-	-	-	Maximum temperature (°C)	36	35	33	33	34
11.9	11.2	-	-	-	-	-	Minimum temperature (°C)	25	24	24	23	23
0	0	-	-	-	-	-	Cloud cover (Octa)	7	8	8	8	6
71	89	-	-	-	-	-	Relative Humidity Max. (%)	76	77	82	85	83
44	-	-	-	-	-	-	Relative Humidity Min. (%)	47	52	54	60	53
2.7	1.7	-	-	-	-	-	Wind speed (Km/hr)	7	7	7	4	4
Calm	Calm	-	-	-	-	-	Wind direction	E	E	E	E	E
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
0.0				4137.5				5130.9				

Weather summary

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of light rainfall on 20th and 21st November, 2020 and sky remain mainly cloudy over Ratnagiri district.
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Crop	Stage	Agromet Advisory based on weather forecast
General advice	-	<ul style="list-style-type: none"> Due to forecast for light rainfall during 20th and 21st November, 2020, keep harvested rice, finger millet produces in safe and protective place.
Groundnut	Land preparation	<ul style="list-style-type: none"> For cultivation of groundnut, carryout ploughing operation and incorporate 2 tonnes/acre FYM or compost at the time of ploughing. Konkan gaurav, Konkan trombe tapora, Konkan bhuratna, T.G. 26, S.B. 11, T.A.G.-24 and Phule pragati are the varieties recommended by D.B.S.K.K.V., for cultivation in Konkan region. Use 40-50 kg seed/acre. For cultivation of groundnut on transparent polythene mulch, carryout ploughing operation and prepare raised bed of a top width of 60 cm and 5-7 cm height leaving 30 cm distance on either side of bed. Incorporate 4 to 6 tonne/ acre well decomposed FYM at the time of bed preparation.
Mango	Flower bud initiation	<ul style="list-style-type: none"> Due to cloudy weather there is possibility incidence of hoppers and powdery mildew disease on flower bud stage in mango. To protect the inflorescence from pest and powdery mildew diseases, spray Lambda cyhalothrin 5%EC @ 6 ml + hexaconazole @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water and due to cloudy weather for protection against anthracnose disease, spray carbendazim 12% + mancozeb 63% combination fungicide @ 10 gm per 10 liter in water.
Cashewnut	Flowering	<ul style="list-style-type: none"> There is congenial weather situation of flower bud opening in cashewnut, to protect the cashew inflorescence from tea mosquito bug and thrips incidence, spray Profenophos 50% EC @10 ml per 10 liter of water. (The insecticide is not under label claim). Due to forecast of light rainfall and cloudy weather, possibility of incidence of anthracnose disease on cashewnut, for protection of cashewnut from incidence of anthracnose, spray 0.2% Mancozeb @ 20 gm per 10 liter of water.
Coconut	Fruiting	<ul style="list-style-type: none"> There is possibility of incidence of rugose spiraling white fly on coconut, Nymphs and adults suck the sap from lower surface of leaves and produce honey dew sugary substance which develop growth of sooty mould fungus. If incidence is noticed spray 50 ml Neem seed kernel extract 0.5% @30 ml per 10 liters of water. For the control of black fungus on leaves, spray 1% starch solution (10 gms in 10 liter of water).
Brinjal	Vegetative	<ul style="list-style-type: none"> Due to cloudy weather, there is possibility of incidence of anthracnose disease in brinjal. If incidence is noticed, spray mancozeb @ 2.5 gm per liter of water.
Okra	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of flea beetle on okra, if incidence is noticed spray Dimethoate 30%EC @ 10 ml per 10 liter of water during clear weather (no rainfall).
Vegetable crop	Vegetative	<ul style="list-style-type: none"> Carryout weeding in vegetable crop field.
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.

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