



Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
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Significant past weather for the preceding week (Period –27/11/2019 to 03/12/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 08/12/2019				
27/11	28/11	29/11	30/11	01/12	02/12	03/12		04/12	05/12	06/12	07/12	08/12
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	3	0	0	0	0
34.0	32.8	33.5	33.5	33.1	33.2	33.0	Maximum temperature (°C)	34	35	35	35	36
17.0	17.0	20.5	20.5	20.0	20.5	23.0	Minimum temperature (°C)	25	25	24	24	23
0	0	2	0	2	2	6	Cloud cover (Octa)	8	7	3	6	5
96	91	93	87	84	93	88	Relative Humidity Max. (%)	79	79	76	70	67
47	47	55	55	55	55	-	Relative Humidity Min. (%)	61	65	51	47	43
2.3	2.2	1.9	1.9	2.2	2.5	3.3	Wind speed (Km/hr)	8	8	7	8	8
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	E	ENE	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 light rainfall on 4th December 2019 at isolated places. Also, possibility of increase in temperature and sky will be cloudy.

Extended range rainfall forecast for Konkan division for the period from 6th to 12th December, 2019 is above normal. According to NDVI, Agriculture vigour is good and according to SPI, mildly wet condition experienced in Ratnagiri district.

Crop	Stage	Agro Advise
Mango	Vegetative to Flowering	<ul style="list-style-type: none"> Due to forecast of cloudy weather, there is possibility of incidence of hoppers and anthracnose disease on vegetative flush of mango. for protection of vegetative flush from hoppers and diseases, spray deltamethrin 2.8%EC @ 10 ml + fungicide combination (carbendazim 12% + mancozeb 63%) @ 10 gm per 10 liter in water. There is also possibility of incidence of hoppers and powdery mildew disease on inflorescence of mango. for protection of inflorescence of from hoppers and diseases, spray deltamethrin 2.8%EC @ 10 ml + hexaconazole @ 5 ml per 10 liter in water.
Cashewnut	Flowering	<ul style="list-style-type: none"> Due to forecast of cloudy weather, 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.
Coconut	-	<ul style="list-style-type: none"> To control the attack of red palm weevil on coconut, collect and destroy the grubs from whole appear on infected trunk. Apply bordopaste to infected part. Install pheromone trap 2 nos. per hectare in orchard.
Water melon	Vegetative	<ul style="list-style-type: none"> If incidence of wilt is noticed on watermelon, drenching of carbendazim @1 gm per liter is suggested.
Brinjal	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of root knot nematodes may results into yellowing of leaves and stunted growth along with appearance of knots on roots of infected plants. For control of nematodes first collect and destroy all infected plant parts by burning and then apply neem cake 125 gms per plant by mixing into soil at the base of crop. Also grow trap crops viz., maize for control of nematode.
Chilli	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of leaf curl disease in chilli due to thrips, white flies and mites which results into curling of leaves and stunted growth of plant. For control of disease spray dimethoate 30%EC 10 ml + Sulphur or mancozeb 20gms per 10 liter of water at 10-15 days interval. There is possibility of incidence of root knot nematodes may results into yellowing of leaves and stunted growth along with appearance of knots on roots of infected plants. For control of nematodes first collect and destroy all infected plant parts by burning and then apply neem cake 125 gms per plant by mixing into soil at the base of crop. Also grow trap crops viz., maize for control of nematode.
Cabbage	Transplanting	<ul style="list-style-type: none"> If seedlings of cabbage crops are ready for transplanting, transplant the seedlings on ridges and furrow with spacing of 45 X 45 cm or 60 X 60 cm. Apply fertilizer dose of 8 tonne of FYM/Compost, 35 kg urea, 150 kg SSP and 40 kg of MOP per acre at the time of transplanting. Provide irrigation immediately after transplanting.

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.