



AGROMET ADVISORY SERVICE BULLETIN FOR RAIGAD DISTRICT

(Issued jointly by GKMS, Dr. B.S. Konkani Krishi Vidyapeeth,
& India Meteorological Department)



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Significant past weather for the preceding week (Period –02/12/2020 to 08/12/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 13/12/2020				
(Source: Agromet observatory, RARS, Karjat)								(Source: Regional Meteorological Centre, Mumbai)				
02/12	03/12	04/12	05/12	06/12	07/12	08/12		09/12	10/12	11/12	12/12	13/12
0.0	0.0	0.0	-	-	-	-	Rainfall (mm)	0	0	0	0	0
35.6	35.5	35.8	-	-	-	-	Max.Temp. (°C)	35	35	34	34	34
19.8	16.0	12.4	-	-	-	-	Min.Temp. (°C)	21	22	21	21	21
0	0	0	-	-	-	-	Cloud cover (Octa)	5	6	4	5	6
93	89	92	-	-	-	-	Max. RH (%)	52	53	73	80	74
32	24	-	-	-	-	-	Min. RH (%)	31	34	39	47	48
1.1	1.5	1.1	-	-	-	-	Wind speed(Km/hr)	8	6	4	3	4
Calm	Calm	SW	-	-	-	-	Wind direction	E	E	E	ENE	NE
Rainfall (mm) in last week				Rainfall (mm) from 01/01/2020 to till dated				Total Rainfall (mm) in last year				
0.0				3089.4				5197.2				

Weather summary/alert

Weather forecast	As per the forecast received from Regional Meteorological Centre Mumbai, there is possibility of decrease in maximum and minimum temperature and sky remain cloudy from 9 th to 13 th December, 2020 over Raigad district.
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Agromet advisory based on weather forecast

Crop	Stage	Agro advisory
Rice	Nursery	<ul style="list-style-type: none"> Provide irrigation to rice nursery regularly.
Mango	Vegetative flush	<ul style="list-style-type: none"> Due to forecast of cloudy weather, there is possibility of incidence of hoppers, midge fly and anthracnose disease on vegetative flush of mango. if protective spray has not taken at vegetative flush, then undertake precautionary spray of deltamethrin 2.8%EC @ 10 ml + fungicide combination (carbendazim 12% + mancozeb 63%) @ 10 gm per 10 liter in water.
Cashewnut	Flowering	<ul style="list-style-type: none"> There is possibility of tea mosquito bug and thrips incidence on inflorescence of cashewnut, if protective spray has not taken at flowering, then undertake precautionary spray 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).
Arecanut	Fruiting	<ul style="list-style-type: none"> Harvest the fully ripe nut when nuts get orange colour and sundry for 40 to 45 days. nuts are turned over at regular interval to ensure uniform drying. For 3-year-old arecanut palm apply 2nd split dose 160 g urea and 125 g muriate of potash per tree. by digging circular ring about 1 meter from base of tree and fill the circular ring with soil after application of fertilizer. Apply 1/3rd and 2/3rd of abovementioned fertilizers dose per tree for 1 and 2-years old arecanut plantation, respectively.
Brinjal	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of mites on brinjal, if incidence is noticed, spray Dicofol 18.5%EC @1.5 ml per liter of water or dust the Sulphur powder (300 mesh) on the lower side of the leaves. Provide irrigation to brinjal crop at 6-8 days interval.
Cucurbitaceous crops	Vegetative	<ul style="list-style-type: none"> Apply 2nd split dose of nitrogen @10 gm urea per vine to cucurbitaceous crop at one month after planting. Follow weeding and give earthing up at the time

		of fertilizer application.
Watermelon	Vegetative	<ul style="list-style-type: none"> • There is possibility of incidence of hoppers and aphids in watermelon crop, if incidence is noticed on watermelon, spray dimethoate 30%EC @10 ml per 10 liter of water. For management of sucking pest, place yellow sticky paper into field.
Chilli	Vegetative	<ul style="list-style-type: none"> • There is possibility of incidence of leaf curl disease in chilli which is transmitted by thrips, white flies and mites which results into curling of leaves and stunted growth of plant. For management spray 10% cow urine and Azadirachtin 10000 PPM @ 3 ml per liter of water, alternatively at 7 days interval. Install blue sticky trap in field. • Provide irrigation to chilli crop at 6-8 days interval.
Poultry	-	<ul style="list-style-type: none"> • Protect the poultry birds from low temperature by providing curtains and electric bulbs during night time.

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.