



Agromet Advisory Service Bulletin for Raigad District
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
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Duration – 5 days

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Significant past weather for the preceding week (Period –18/12/2019 to 24/12/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 29/12/2019				
18/12	19/12	20/12	21/12	22/12	23/12	24/12		25/12	26/12	27/12	28/12	29/12
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	0	0	2	0	0
32.0	32.4	33.2	33.7	32.2	32.0	-	Maximum temperature (°C)	33	31	30	32	33
18.5	16.7	17.0	18.2	20.0	19.8	-	Minimum temperature (°C)	23	22	20	22	20
0.0	0	2	6	8	4	-	Cloud cover (Octa)	5	8	5	3	5
90	96	94	91	88	91	-	Relative Humidity Max.(%)	75	76	79	70	71
38	35	36	37	39	-	-	Relative Humidity Min. (%)	45	56	59	40	43
2.5	2.0	1.4	1.5	1.5	1.3	-	Wind speed (Km/hr)	4	5	5	3	3
WSM	WNW	CALM	CALM	S	CALM	-	Wind direction	ENE	NE	ENE	SSE	ENE
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
0.0						5222.1		3558.3				

Agro-met Advisory
Sky will be cloudy from 25th to 29th December 2019.

Crop	Stage	Agro Advise
Rice	Nursery	<ul style="list-style-type: none"> For nursery of rice, prepare raised bed of size 1 m breadth X 10 m length. Apply 1 kg. urea and 3 kg. SSP per guntha at the time of sowing. Rice Varieties viz., Karjat- 184, ratna, Ratnagiri -1, Ratnagiri-74, Ratnagiri- 24, Ratnagiri- 711, Karjat-1 or Karjat- 3 are suitable for cultivation of summer rice. Treat the seed with thiram fungicide @2.5 gm/kg of seed before sowing. To reduce weed intensity, apply Oxadiagyl 6% EC @ 3 ml per liter of water uniformly on wet nursery beds after sowing.
White Onion	Transplanting	<ul style="list-style-type: none"> If seedlings of onion are ready for transplanting, transplant the seedling on either on flat bed of a width of 2 meter or on raised bed with spacing of 10 X12cm or 10 X 15cm or 10 X 20cm. Incorporate 25-30 tones/ha of FYM into soil at the time of ploughing. Apply fertilizer dose of 109 kg urea, 313 kg SSP and 83 kg MOP per hectare at the time of planting. Provide irrigation to nursery bed before planting. Planting should be carryout either in morning or evening hours. Provide irrigation immediately after transplanting.
Mango	Vegetative	<ul style="list-style-type: none"> Due to forecast for cloudy weather condition and increase in humidity, 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 where mango crop is in bud bursting stage, for protection of bud of from hoppers and diseases, spray Lambda cyhalothrin 5%EC @ 6 ml + hexaconazole @ 5 ml per 10 liter in water. Due to cloudy weather condition, there is possibility of incidence of anthracnose disease on newly planted mango orchard. for protection of diseases, collect and destroy all infected leaves and maintain sanitation in orchard after that spray Copper oxychloride 0.25% @ 25 gm per 10 liter in water or Carbendazim 0.1%@ 10 gms per 10 liters in water or 1% bordomixture on to whole plant.
Cashewnut	Flowering	<ul style="list-style-type: none"> Due to forecast for cloudy weather condition, 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. (Note: This insecticide is not under label claim)
Coconut	-	<ul style="list-style-type: none"> Situation of increase in temperature may leads to accelerate evaporation, hence provide irrigation to coconut orchard at 6 -7 days interval to newly planted orchard and for full grown tree provide irrigation at 5 -10 days interval.
Arecanut	-	<ul style="list-style-type: none"> Situation of increase in temperature may leads to accelerate evaporation, hence provide irrigation to arecanut orchard at 4 to 5 days interval.
Bitter gourd	Flowering	<ul style="list-style-type: none"> There is possibility of incidence of white flies in bitter gourd, to protect the crop, place yellow sticky cards 8 per acre in field.

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.