



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



No. 103/2019

Date: 24/12/2019

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 –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	0.0	Rainfall (mm)	0	0	2	0	0
32.5	32.3	32.0	31.0	33.0	32.2	32.0	Maximum temperature (°C)	32	33	34	34	32
15.6	15.4	16.6	17.5	19.8	19.5	19.0	Minimum temperature (°C)	23	23	23	23	22
0	0	0	0	0	2	2	Cloud cover (Octa)	5	6	5	4	5
90	96	96	92	94	92	91	Relative Humidity Max. (%)	75	77	80	75	79
51	49	65	60	51	64	-	Relative Humidity Min. (%)	42	46	50	49	50
1.7	3.3	2.5	1.5	2.5	2.0	2.1	Wind speed (Km/hr)	5	4	4	5	5
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	ENE	ENE	E	SE	ENE
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
Sky will be cloudy from 25th to 29th December 2019.

Crop	Stage	Agro Advise
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.
<p align="center">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.</p>		