



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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Duration – 5 days

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Significant past weather for the preceding week (Period –25/01/2020 to 31/01/2020)							Weather Parameters	Weather forecast until 08.30 hrs of 05/02/2020				
25/01	26/01	27/01	28/01	29/01	30/01	31/01		01/02	02/02	03/02	04/02	05/02
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
34.6	35.0	33.0	31.5	28.2	27.5	28.0	Maximum temperature (°C)	30	31	32	30	31
15.5	15.6	15.5	16.5	15.5	10.5	11.5	Minimum temperature (°C)	18	19	20	18	19
0	0	0	0	2	0	0	Cloud cover (Octa)	1	2	4	4	6
94	91	92	92	92	95	95	Relative Humidity Max. (%)	76	69	75	75	65
54	52	57	56	56	49	-	Relative Humidity Min. (%)	38	29	25	26	31
2.9	2.5	2.6	3.3	2.6	4.0	2.9	Wind speed (Km/hr)	5	5	5	4	7
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	ENE	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							0.0	5130.9				

Agro-met Advisory

During next five days the maximum temperature will be in the range of 30 to 32°C and minimum temperature in the range of 18 to 20 °C and sky remain partly cloudy from 3rd to 5th February, 2020.

Crop	Stage	Agro Advise
Groundnut	Flowering	<ul style="list-style-type: none"> Provide irrigation to groundnut crop where crop is in flowering stage.
Lablab bean	Pod stage	<ul style="list-style-type: none"> There is possibility of incidence of pod borer on lablab bean crop which initially feed on buds and then on tender pods. If incidence is noticed, collect and destroy all infected pods and spray Quinalphos 25% EC @ 20ml of Dimethoate 30% EC@12 ml per 10 liter of water. Install birds' perches into field. Provide irrigation to lablab bean crop where crop is in flowering stage.
Mango	Flowering to fruiting	<ul style="list-style-type: none"> To protect the flower bud of mango from hoppers, thrips and powdery mildew diseases, as per blossom protection schedule for mango crop, take a third spray of Imidacloprid 17.8% SL @ 6 ml per 10 liter of water before the flower opening (15 days after 2nd spray) to avoid the adverse effect on pollinators. Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew disease. To protect the pea size fruits of mango from hoppers, thrips and powdery mildew diseases, as per blossom protection schedule for mango crop, take a fourth spray of Thiomethoxam 25%WG @ 1 gm per 10 liter of water (15 days after 3rd spray) Also add Hexaconazole 5% @ 5 ml or wettable Sulphur 80% @ 20 gm per 10 liter in water for control of powdery mildew. To minimize pre-mature fruit drops of mango, spray 2 % urea (20 gm/liter of water) by mixing into insecticide solution of 4th to 6th spray blossom protection schedule.
Cashewnut	Fruiting	<ul style="list-style-type: none"> There is possibility of incidence of tea mosquito bugs and thrips on the fruits of cashewnut, to protect the cashew during fruit bearing stage, spray Lambda cyhalothrin 5% EC @6 ml per 10 liter of water. (insecticide is not under label claim)
Coconut	--	<ul style="list-style-type: none"> Provide irrigation to first four years old coconut orchard at 6 to 7 days interval and for above four years old orchard provide irrigation at 5 to 10 days interval.
Brinjal	Fruiting	<ul style="list-style-type: none"> There is possibility of incidence of shoot and fruit borer on Brinjal, if incidence is noticed, collect and destroy all infected shoots and fruits and spray Fenvalerate @10 ml or Deltamethrin 208%EC @ 10 ml per 10 liter of water.
Water melon	Fruiting	<ul style="list-style-type: none"> There is possibility of incidence of red pumpkin beetle on water melon, if incidence is noticed, spray Dimethoate 30%EC @15 ml or Malathion 50%EC @ 20 ml per 10 liter of water.
Milch Animals	--	<ul style="list-style-type: none"> Protect the farm animals from low temperature by providing curtains and electric bulbs as per the need.
Poultry	--	<ul style="list-style-type: none"> Protect the poultry birds from low temperature by providing curtains and electric bulbs as per the need.

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.