



Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by GKMS, Dr. B.S. Konkan Krishi Vidyapeeth,
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Duration – 5 days

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Significant past weather for the preceding week (Period –02/11/2019 to 08/11/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 13/11/2019				
02/11	03/11	04/11	05/11	06/11	07/11	08/11		09/11	10/11	11/11	12/11	13/11
0.0	2.6	0.0	9.6	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	4
32.2	31.0	31.2	31.4	32.0	32.0	29.8	Maximum temperature (°C)	31	31	31	31	31
20.5	20.0	21.5	24.0	22.5	22.5	21.0	Minimum temperature (°C)	23	23	23	23	23
0	2	4	4	6	4	4	Cloud cover (Octa)	4	1	0	1	1
86	91	96	95	93	96	88	Relative Humidity Max. (%)	96	93	91	83	80
98	71	68	73	78	71	-	Relative Humidity Min. (%)	68	67	66	67	68
3.8	2.2	1.8	2.1	1.6	2.5	3.4	Wind speed (Km/hr)	4	4	6	6	7
Calm	Calm	Calm	W	W	Calm	Calm	Wind direction	ENE	NE	ENE	ENE	ENE
Rainfall (mm) in last week							Rainfall (mm) from 01/01/2019 to till dated	Total Rainfall (mm) in last year				
12.2							5130.9	3071.8				

Agro-met Advisory

There is possibility of light rainfall on 13th November, 2019 at isolate places and sky will remain clear

Extended range rainfall forecast for Konkan division for the period from 8th to 14th November, 2019 is below normal.

According to NDVI, Agriculture vigour is moderate and according to SPI, mildly wet condition experienced in Ratnagiri district.

Crop	Stage	Agro Advise
Kharif rice	Maturity	<ul style="list-style-type: none"> During next five days there is forecast of no rainfall, hence complete the harvesting and threshing of the matured rice varieties.
Finger millet	Maturity	<ul style="list-style-type: none"> During next five days there is forecast of no rainfall, hence complete the harvesting and threshing of the matured finger millet crop.
Lablab bean	Sowing	<ul style="list-style-type: none"> For cultivation of lablab bean on residual moisture, first spray glyphosate 5 ml per liter of water immediately after harvest of rice crop to control weeds and then sow the lablab bean at a spacing of 30 x 15 cm by dibbling without disturbing soil by any tillage operation. Fertilizer should be place by making hole adjacent to seed. For cultivation of lablab bean, carryout ploughing operation on moist soil after the harvest of kharif rice and incorporate 5 tonne/ha FYM or compost. Then sow lablab bean @ 30 to 45 kg/ ha by dibbling at a spacing of 30 x 15 cm or 30 x 20 cm or 30 x 30 cm. apply 540 gms urea and 3 kg Single Super Phosphate per guntha at the time of sowing below the seed at 5 cm depth. Provide light irrigation after sowing. Before sowing, treat the seed with Thiram fungicide @3 gm/kg of seeds. After that treat the seed with Rhizobium biofertilizers @ 25 gms per kg of seed and dry in shed one hours before sowing.
Mango	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of hoppers, midge fly and shoot borer on vegetative flush of mango to protect the flush of mango, spray Lambda cyhalothrin 5%EC @ 6ml or Quinalphos 25%EC@25 ml per 10 liter of water. In the old unproductive mango orchard, for penetration of solar radiation into canopy carryout central opening and pruning operation. While performing operation, old tall mango trees should be prune at 2/3rd height from base. In younger mango trees, pruning operation should be done at 12-15 ft height from base. After pruning spray chloropyriphos insecticide 5ml per liter of water on to whole tree also pour solution into base of stem. After that apply bavistin 5 gm by mixing with 1 liter of coltar to the cut portion of branches. Provide irrigation 150-200 liter of water at 10-15 days interval immediately after pruning. Thin excess sprouting after two months of pruning. In high density (5X5 m or 6X4 m) mango orchard, carryout pruning operation, it includes detopping, pruning of cross branches and removing of dead wood. The height of tree in high density orchard should be maintained at 80% of row distance.
Cashewnut	Vegetative	<ul style="list-style-type: none"> There is possibility of incidence of tea mosquito bug and thrips on vegetative flush of cashewnut to protect the flush of cashew, spray Monocrotophos 36%SL @ 15 ml or Lambda cyhalothrin 5% EC @ 6 ml per 10 liter of water.
Vegetables crop nursery	Seedling	<ul style="list-style-type: none"> Apply 50 grams of urea per bed 15 days after sowing of rabi vegetable nursery. If incidence of leaf eating caterpillar, white fly, hoppers and aphids is noticed on vegetable crops nursery, spray dimethoate 15 ml per 10 liters of water at 10 to 15 days interval.

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| | | <ul style="list-style-type: none">• Provide irrigation to fruit crop and vegetable nursery regularly. |
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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.