



Agromet Advisory Service Bulletin for Ratnagiri District
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Duration – 5 days

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Significant past weather for the preceding week (Period –30/10/2019 to 05/11/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 10/11/2019				
30/10	31/10	01/11	02/11	03/11	04/11	05/11		06/11	07/11	08/11	09/11	10/11
0.0	0.0	0.0	0.0	2.6	0.0	9.6	Rainfall (mm)	25	9	3	0	0
33.0	33.3	31.5	32.2	31.0	31.2	31.4	Maximum temperature (°C)	35	34	33	33	34
22.6	23.5	24.5	20.5	20.0	21.5	24.0	Minimum temperature (°C)	24	23	22	22	22
0	4	4	0	2	4	4	Cloud cover (Octa)	5	6	3	0	0
85	93	88	86	91	96	95	Relative Humidity Max. (%)	91	95	95	95	88
58	60	63	98	71	68	73	Relative Humidity Min. (%)	64	64	66	61	55
2.4	2.5	1.3	3.8	2.2	1.8	2.1	Wind speed (Km/hr)	4	4	4	5	6
Calm	Calm	Calm	Calm	Calm	Calm	W	Wind direction	ESE	ESE	E	NE	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 from 6th to 8th November, 2019 at isolate places and sky will remain cloudy.
Extended range rainfall forecast for Konkani 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"> Due to forecast of light rain from 6th to 8th November at isolated places, hence by observing rainfall situation harvest the matured rice varieties in morning hours near to ground level and follow immediate threshing, threshed grains should be stored in protected shed for drying.
Finger millet	Maturity	<ul style="list-style-type: none"> Due to forecast of light rain from 6th to 8th November at isolated places, hence by observing rainfall situation harvest the matured finger millet crop in morning hours by cutting of ear head with sickle and sun-dry for 2-3 days followed by threshing. threshed grains should be stored in protected shed.
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. 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"> Due to cloudy and humid weather condition, 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"> Due to cloudy and humid weather condition, 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	Sowing	<ul style="list-style-type: none"> Apply 50 grams of urea per bed 15 days after sowing of rabi vegetable nursery. Provide irrigation to fruit crop and vegetable nursery regularly.

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 Konkani Krishi Vidyapeeth, Dapoli.
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