



Agromet Advisory Service Bulletin for Ratnagiri District
(Issued jointly by IAAS, Dr. B.S. Konkan Krishi Vidyapeeth,
& Regional India Meteorological Department, Mumbai)
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Significant past weather for the preceding week (Period –28/05/2019 to 03/06/2019)							Weather Parameters	Weather forecast until 08.30 hrs of 09/06/2019				
28/05	29/05	30/05	31/05	01/06	02/06	03/06		05/06	06/06	07/06	08/06	09/06
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	10	3	0	5	0
33.2	33.4	34.2	34.4	33.8	34.4	34.5	Maximum temperature (°C)	33	34	33	34	32
24.5	22.6	23.0	22.5	24.5	25.0	25.0	Minimum temperature (°C)	27	28	28	29	28
2	2	2	2	4	4	2	Cloud cover (Octa)	7	5	7	7	5
78	81	81	82	81	85	80	Relative Humidity Max. (%)	85	87	89	88	88
58	55	50	47	60	61	60	Relative Humidity Min. (%)	54	47	52	55	56
6.5	6.9	6.5	7.0	5.4	5.5	5.6	Wind speed (Km/hr)	7	6	7	12	10
Calm	Calm	Calm	Calm	Calm	Calm	Calm	Wind direction	310	282	255	292	314
Rainfall (mm) in last week						Rainfall (mm) from 01/01/2019 to till dated		Total Rainfall (mm) in last year				
0.0						0.0		3071.8				

Agro-met Advisory

Sky will be cloudy from 5th to 9th June, 2019.

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

Crop	Stage	Agro Advise
Kharif rice	Nursery preparation	<ul style="list-style-type: none"> There is forecast for light rainfall on 5th, 6th and 8th June, it is advice to sow the rice nursery if irrigation facility is available. Recommended seed rate for paddy is 50 to 60 kg ha⁻¹, for bold varieties 35 to 40 kg ha⁻¹, for fine varieties and 20 kg ha⁻¹ for hybrid varieties. Follow seed treatment with thiram fungicide @2.5/kg seed before sowing. Apply 1 kg urea and 3 kg SSP per guntha of nursery bed at the time of sowing. To reduce weed intensity, apply oxadiagyl 6% EC @ 3 ml. per liter of water uniformly on wet nursery beds.
Finger millet	Nursery preparation	<ul style="list-style-type: none"> For preparation of finger millet nursery, plough the area, add FYM@250 kg per guntha area and bring the soil to fine tilth. Prepare raised bed of 120 cm. breadth at bottom and 90 cm. on top along the slope of land. Convenient length of raised bed should be kept according to the land slope.
Fodder crop	Land preparation	<ul style="list-style-type: none"> For sowing of fodder cowpea and maize, plough the field area, add FYM or Compost @ 5-10 tonnes per hectare and bring the soil to fine tilth.
Mango	Maturity	<ul style="list-style-type: none"> There is forecast for light rainfall on 5th, 6th and 8th June, harvest the mature fruits before 10 hours in the morning and after 16 hours in the evening with the help on Nutan mango harvester at 80 to 85% maturity immediately which will help to reduce spongy tissue. Keep the harvested fruits in shade to prevent from heat and spongy tissue. To prevent incidence of post-harvest diseases on fruits, place the fruits in hot water of 52°C for 10 minutes and then keep for ripening. Use C.F.B. (corrugated fiber box) for packing developed by B. S. Konkan Krishi Vidyapeeth, Dapoli. Transport of harvested fruits should be done preferably during night hours. Do not spray any insecticides/fungicides 8 days before harvesting of mango fruits. For control of fruit fly incidence, install 'Rakshak fruit fly trap' developed by University @ 4 traps per hectare. Collect and destroy fallen fruits and keep orchard clean.
Coconut	-	<ul style="list-style-type: none"> There is possibility of incidence of bud rot fungal disease on young coconut palm during rainy season. To prevent the incidence of bud rot disease, spray 1% bordomixture onto the crown region of palm.
Arecanut	-	<ul style="list-style-type: none"> Before start of rainy season, clean the arecanut plant by removing dry leaves and other material and spray 1 % bordomixture to control 'koleroga' disease also for management of 'koleroga' disease, select feeding root of arecanut plant then take slant cut to the tip of the root. Prepare 0.3 % solution of Fosetyl – Al by mixing 3 gm. per liter. Fill the two plastics bags with 100 ml. above prepare solution and dip the above selected roots in to the plastics bag ensuring the cut portion will always remain in the solution. Tie the bag to the roots. Give 1st dose of this fungicide before start of monsoon.
Sapota	-	<ul style="list-style-type: none"> There is possibility for fruit drop due to fungal disease during rainy season, to control the fruit drop, clean the sapota tree by removing all diseased and dried branches and apply 1 % bordopaste on the cut portion of tree. Also spray 1% bordomixture on to tree before start of rainy season. Repeat the spray twice at 15-20 days interval.
Vegetables/ Fruit crop nursery	Nursery	<ul style="list-style-type: none"> For nursery of brinjal, chilli and tomato vegetables crops, prepare raised bed of 3m length x 1 m breadth x 15cm height. Apply 5 kg FYM, 35gm urea, 100gm single super phosphate and 25gm muriate of potash per sq. m. Sow the vegetable seed if irrigation facility is available. Treat the seed with thiram fungicide @ 3 gm/kg of seed before sowing. To protect the seedling from incidence of wilt disease, drenching of 1% bordomixture 3 to 4 days before sowing on nursery bed is suggested. Provide sufficient irrigation to fruit crop and vegetable nursery.

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.
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