

**Agromet Advisory Service Bulletin for Ratnagiri District**
(Issued jointly by IAAS, Dr. B.S. KonkanKrishiVidyapeeth, & Regional India Meteorological Department, Mumbai)**Dr. Subhash Chavan,**
Head,
Department of Agronomy
9422431067**Dr. D.N. Jagtap,**
Nodal Officer,
Department of Agronomy
9403988143**Prof. Viresh Chavan,**
Technical Officer,
Department of Agronomy
9422065344**Significant past weather for the preceding week**
(Period -07/07/2017 to 11/07/2017)

Rainfall (mm):	133.8
Total Rainfall (mm):	1289.6
Total Rainfall (mm) (last year)	4504.1
Maximum temperature (°C)	28.0-30.0
Minimum temperature (°C)	23.1-24.0
Morning RH (%)	89-98
Afternoon RH (%)	79-85
Wind Speed (km/hr):	4.5-11.6
Total cloud cover (Octa)	2-6

Weather forecast until 08.30 hrs of 16/07/2017

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	12/07	13/07	14/07	15/07	16/07
Rainfall (mm)	17	16	25	22	22
Maximum temperature (°C)	29	29	29	28	27
Minimum temperature (°C)	25	25	25	25	25
Total cloud cover (Octa)	8	8	8	8	8
Relative Humidity Max. (%)	84	84	86	88	87
Relative Humidity Min. (%)	74	75	79	84	84
Wind Speed (Km/hr)	021	024	021	025	030
Wind Direction	260	259	257	252	248

: Agro-met Advisory:It is possibility rainfall of 12th to 16th July, 2017. Sky will be cloudy from 12th to 16th July, 2017. Wind velocity range from 21 to 30 km/hr from 12th to 16th July, 2017.

Crop	Crop Stage	Agromet Advisory
Rice	---	<ul style="list-style-type: none"> Bunding rice field, for transplanting of rice use 12 to 15 cm. tall seedling with age of 22 to 25 days age. Transplanting of rice may be carried out with a spacing of 20 x 15 cm. and 2.5 to 3.5 cm. deep. Apply 40 kg nitrogen, 50 kg phosphors and 50 kg potash before at the time of puddling for paddy. For controlling the crabs from rice field, cook rice from 1 kg of raw rice and add insecticide Acephate 75 WP @ 75 gm or Carbaryl 50 WP @ 100 gm and make 100 arecanut size balls and keep them in each crab burrow and close it with wet mud. On the next day if some of the burrows are found open, again use the same procedure. There is a possibility for incidence of blue beetle, if it is noticed; spray Quinalphos 25% EC @ 2 lit. or Triazophos 40% EC @ 625 ml or lambda cyhalothrin 5% EC @ 250 ml in 500 lit. of water per hectore.
Mango and Cashew	Plantation	<ul style="list-style-type: none"> Apply 50 kg F.Y.M./compost alongwith 1.5:0.5:1.0 kg nitrogen, phosphorus and potassium for 10 year old mango tree, potassium should be applied through sulphate of potash. Apply 20 kg FYM/Compost alongwith 2 kg urea, 1.5 kg single super phosphate and 500 g muriate of potash for above 3 year old cashew graft. Apply 50 kg FYM/Compost alongwith 6 kg urea, 18 kg single super phosphate and 6 kg muriate of potash for above 20 year old sapota tree. Prepare water channels to drain out excess water from mango, cashew and sapota garden. <p>Note:- Apply fertilizer during when the intensity of rainfall is low.</p>
Plantation of horticultural crops		<ul style="list-style-type: none"> Start plantation of horticultural crops like mango and sapota at 10x10 m, cashew at 7.0x7.0 m, kokum at 6x6 m, coconut at 7.5x7.5 m, arecanut at 2.7 x 2.7 m distance. <p>Note : During plantation of Alphonso mango 15 to 20 per cent grants may be included for Keshar, Ratna and Goa mankur after planting provided support form bamboo stick.</p>
Coconut, Arecanut	--	<ul style="list-style-type: none"> For 5 year old coconut palm apply 30 kg F.Y.M./compost alongwith 750 g urea + 3.000 kg single super phosphate + 2.000 kg muriate of potash. Spraying the FYM pits with 0.2 % Carbaryl for control of adults and grubs of rhinoceros beetle. To control red palm weevil affected coconut, fill the holes made by RPW with 10 per cent Carbaryl dust and sand mixture. Prepare a slanting hole with the help of screw drill about 1 m height from ground level on tree trunk and pour about 20 ml of 36 % Monocrotophos or 20% Chlorphyriphos with the help of plastic funnel in the hole and close the hole with the help of cement. For 3 year old arecanut palm apply 1 kg F.Y.M./compost alongwith 12 kg green manures + 160 g urea + 500 g single super phosphate + 125 g muriate of potash. Prepare water channels to drain out excess water from coconut and arecanut garden during rainy season. Apply osety AL 0.3% (30 g/10 lit. water) + Urea Suphala 111 briquettes or Fosety AL 0.3% (30 g/10 lit. water) + Annapurana 76 briquettes per arecanut palm to avoid fungal immature fruit drop in coconut and Koleroga disease (immature nut drop) in arecanut.
Vegetable and Fruit crop nursery	--	<ul style="list-style-type: none"> Proper support should be given to cucurbitaceous crops. Apply fist one third dose of urea @ 720 g to 870 gm per R area to vegetable crops. Complete the mango store grafting programme before 15th July for getting higher grafting success. Prepare water channels to drain out excess water from fruit crop nursery during rainy season. Repair nursery shades.
Goats/ Milch animals	--	<ul style="list-style-type: none"> Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal. Vaccination against Foot and Mouth Disease in cows, buffaloes and goats under the supervision of veterinary officers is advocated.
Suggestion	--	<ul style="list-style-type: none"> Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.