

**Agromet Advisory Service Bulletin for Ratnagiri District**
(Issued jointly by IAAS, Dr. B.S. KonkanKrishiVidyapeeth, & Regional India Meteorological Department, Mumbai)**Dr. Subhash Chavan,**
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9422065344**Significant past weather for the preceding week**
(Period –07/08/2017 to 11/08/2017)

Rainfall (mm):	56.0
Total Rainfall (mm):	2295.8
Total Rainfall (mm) (last year)	4504.1
Maximum temperature (°C)	28.7-29.3
Minimum temperature (°C)	23.8-24.4
Morning RH (%)	92-98
Afternoon RH (%)	78-87
Wind Speed (km/hr):	1.6-3.3
Total cloud cover (Octa)	2-6

Weather forecast until 08.30 hrs of 16/08/2017

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	12/08	13/08	14/08	15/08	16/08
Rainfall (mm)	12	3	8	17	29
Maximum temperature (°C)	29	29	29	29	28
Minimum temperature (°C)	24	24	23	23	23
Total cloud cover (Octa)	8	7	6	7	8
Relative Humidity Max. (%)	87	89	89	86	89
Relative Humidity Min. (%)	77	77	75	72	77
Wind Speed (Km/hr)	020	015	007	009	012
Wind Direction	255	244	224	248	204

: Agro-met Advisory:

It is possibility rainfall of 12th to 16th August, 2017. Sky will be cloudy from 12th to 16th August, 2017. Wind velocity range from 7 to 20 km/hr from 12th to 16th August, 2017.

Crop	Crop Stage	Agromet Advisory
Rice	---	<ul style="list-style-type: none"> Apply 2nd dose of Urea @87 kg/ha to a 30 days old transplanted rice crop. 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 lambdacyhalothrin 5% EC @ 250 ml in 500 lit. of water per hectore.
Mango and Cashew	Plantation	<ul style="list-style-type: none"> Prepare water channels to drain out excess water from mango, cashew and sapota garden. Apply paclobutrazol (cultar/coltar) for regular flowering, fully developed mango trees of 10 years old and above. Measure average diameter of canopy of the tree and apply cultar @ 3 ml per meter diameter (e.g. If east-west diameter of the plant is 5 m and North – South diameter is 7 ml then average will be 6 m. So far 6 x 3 = 18 ml. will be the quantity of cultar. This quantity of paclobutrozol be mixed in 3 to 5 lits. of water and applied in 25 to 30 holes, 10 to 12 cm deep around the tree basin with help of kudali or crowbar just inside the manuring ring at uniform distance. Then uniform quantity of solution be drenched into holes, followed by closing or plugging of holes with soil. Before application weeds be removed. Paclobutrazol application be avoided during heavy rainy days.
Coconut, Arecanut	--	<ul style="list-style-type: none"> 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. 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. Prepare water channels to drain out excess water from fruit crop nursery during rainy season.
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. Protect the poultry birds from low temperature by providing electric bulbs as per the need.
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.