

**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 –25/06/2018 to 29/06/2018)

Rainfall (mm):	598.5
Total Rainfall (mm):	970.5
Total Rainfall (mm) (last year)	3633.5
Maximum temperature (°C)	25.2-29.2
Minimum temperature (°C)	20.0-24.0
Morning RH (%)	91-100
Afternoon RH (%)	91-100
Wind Speed (km/hr):	4.3-10.9
Total cloud cover (Octa)	6

**Weather forecast until 08.30 hrs of 04/07/2018**

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	30/06	01/07	02/07	03/07	04/07
Rainfall (mm)	79	23	34	58	68
Maximum temperature (°C)	30	32	32	32	32
Minimum temperature (°C)	25	25	26	26	26
Total cloud cover (Octa)	8	2	4	5	6
Relative Humidity Max. (%)	94	92	92	92	92
Relative Humidity Min. (%)	82	78	75	76	75
Wind Speed (Km/hr)	009	013	009	006	007
Wind Direction	157	142	142	145	161

**: Agro-met Advisory:****It is possibility rainfall of 30<sup>th</sup> June to 4<sup>th</sup> July, 2018. Sky will be cloudy from 30<sup>th</sup> June to 4<sup>th</sup> July, 2018. Wind velocity range from 6 to 13 kmph from 30<sup>th</sup> June to 4<sup>th</sup> July, 2018.**

Crop	Crop Stage	Agromet Advisory
<b>Rice</b>	<b>Field preparation</b>	<ul style="list-style-type: none"> <li>Remove excess water from field &amp; maintain optimum water level in the rice field.</li> <li>Bunding rice field, for transplanting of rice use 12 to 15 cm. tall seedling with age of 22 to 25 days age.</li> <li>Transplanting of rice may be carried out with a spacing of 20 x 15 cm. and 2.5 to 3.5 cm. deep.</li> <li>Apply 40 kg nitrogen, 50 kg phosphors and 50 kg potash before at the time of puddling for paddy.</li> <li>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.</li> </ul>
<b>Mango and Cashew</b>	<b>Planting</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> <li>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.</li> <li>Prepare water channels to drain out excess water from mango, cashew and sapota garden.</li> </ul> <p><b>Note:-</b> Apply fertilizer during when the intensity of rainfall is low.</p>
<b>Coconut, Arecanut</b>	--	<ul style="list-style-type: none"> <li>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.</li> <li>Spraying the FYM pits with 0.2 % Carbaryl for control of adults and grubs of rhinoceros beetle.</li> <li>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.</li> <li>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.</li> <li>Prepare water channels to drain out excess water from coconut and arecanut garden during rainy season.</li> <li>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.</li> </ul> <p><b>Note:-</b> Apply fertilizer during when the intensity of rainfall is low.</p>
<b>Vegetable and Fruit crop nursery</b>	--	<ul style="list-style-type: none"> <li>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.</li> <li>Complete the mango store grafting programme before 10-12<sup>th</sup> July for getting higher grafting success.</li> <li>Prepare water channels to drain out excess water from fruit crop nursery during rainy season.</li> <li>Repair nursery shades.</li> </ul>
<b>Goats/ Milch animals/ Poultry</b>	--	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.</li> <li>Provide 1 to 1.5 kg concentrate + 15 to 20 kg green fodder + 4 to 5 kg roughages per day for milch animals.</li> <li>Young goats provide 3 to 4 kg green fodder + 2 to 2.5 kg dry fodder + 300 g concentrate,.</li> <li>Protect the animals from afternoon heat. Keep good aeration in animal shed.</li> <li>For boiler poultry bird 1<sup>st</sup> three week provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement.</li> </ul>
<b>Suggestion</b>	--	<ul style="list-style-type: none"> <li>Contact nearby SAU Scientists or State Agril. Dept. for detail control measures against incidence of pest and diseases under adverse weather conditions.</li> </ul>