

**Agromet Advisory Service Bulletin for Thane and Palghar District**
(Issued jointly by IAAS, Dr. B.S. KonkanKrishiVidyapeeth, & Regional India Meteorological Department, Mumbai)**Dr. Subhash Chavan,**
Head,
Department of Agronomy
9422431067**Dr. Vijay More,**
Nodal Officer,
Department of Agronomy
9422374001**Prof. Viresh Chavan,**
Technical Officer,
Department of Agronomy
9422065344**Significant past weather for the preceding week**
(Period –27/07/2018 to 31/07/2018)

Rainfall (mm):	0.0
Total Rainfall (mm):	0.0
Total Rainfall (mm) (last year)	2834.2
Maximum temperature (°C)	32.6-37.0
Minimum temperature (°C)	22.6-27.8
Morning RH (%)	76-82
Afternoon RH (%)	57-68
Wind Speed (km/hr):	3.3-5.0
Total cloud cover (Octa)	0

Weather forecast until 08.30 hrs of 05/08/2018

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	01/08	02/08	03/08	04/08	05/08
Rainfall (mm)	8	7	8	34	36
Maximum temperature (°C)	32	33	33	32	31
Minimum temperature (°C)	27	27	27	26	26
Total cloud cover (Octa)	8	7	7	5	6
Relative Humidity Max. (%)	96	97	97	97	98
Relative Humidity Min. (%)	86	86	82	84	88
Wind Speed (Km/hr)	010	010	009	007	007
Wind Direction	223	220	216	217	208

: Agro-met Advisory:

It is possibility rainfall of 1st to 5th August, 2018. Sky will cloudy from 1st to 5th August, 2018. Wind velocity range from 7 to 10 kmph from 1st to 5th August, 2018.

Crop	Crop Stage	Agromet Advisory
Fingermillet	Transplanting	<ul style="list-style-type: none"> Use 30 days old seedling for transplanting. Transplant seedlings at spacing of 20x15 cm. by 'Thomba' method. Prepare Thomba across the slope. Apply 40 kg N and 40 kg P₂O₅ per ha at the time & planting and apply fertilizers in 'Thomba'
Rice	Transplanting	<ul style="list-style-type: none"> 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. Go for transplanting if seedlings in rice nursery having height of 12 to 15 cm. with age of 22 to 25 days age and having 5 to 6 leaves. Due to the prediction of less rainfall arrange alternate source of water to complete the transplanting of rice.
Sapota	Planting and precaution	<ul style="list-style-type: none"> For new plantation of sapota dig the pits of 1 x 1 x 1 m size at the distance of 10 x 10 m, re-filled the pits with mixture of soil, 20 to 30 kg of FYM or Compost and 2 kg single super phosphate and 100 g follidol powder or 50 g chloropyriphos granules to prevent attack of white ants. Three spray of fungicide having metalaxyl 8% + Mencozeb 64% @ of 0.2% are recommended for control of fruit drop. First spray be given on fruit set followed to more spray and monthly interval. Use of sticker @ of 0.2% in the fungicide solution is recommended.
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. <p>Note:- Apply fertilizer during when the intensity of rainfall is low.</p>
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 10-12th 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/ Poultry	--	<ul style="list-style-type: none"> Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal. Provide 1 to 1.5 kg concentrate + 15 to 20 kg green fodder + 4 to 5 kg roughages per day for milch animals. Young goats provide 3 to 4 kg green fodder + 2 to 2.5 kg dry fodder + 300 g concentrate.,. Protect the animals from afternoon heat. Keep good aeration in animal shed. For boiler poultry bird 1st three week provide boiler starter and 4 to 6 week old bird provide boiler finisher as per their daily requirement.
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.