



## Agromet Advisory Service Bulletin for Thane District

(Issued jointly by IAAS, Dr. B.S. KonkanKrishiVidyapeeth, &amp; Regional India Meteorological Department, Mumbai)

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Significant past weather for the preceding week  
(Period –10/07/2017 to 14/07/2017)

Rainfall (mm):	
Total Rainfall (mm):	
Total Rainfall (mm) (last year)	
Maximum temperature (°C)	
Minimum temperature (°C)	
Morning RH (%)	
Afternoon RH (%)	
Wind Speed (km/hr):	
Total cloud cover (Octa)	

Weather forecast until 08.30 hrs of 19/07/2017

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	15/07	16/07	17/07	18/07	19/07
Rainfall (mm)	60	40	25	30	40
Maximum temperature (°C)	30	29	28	28	31
Minimum temperature (°C)	26	26	26	26	26
Total cloud cover (Octa)	8	8	4	6	6
Relative Humidity Max. (%)	90	89	90	92	91
Relative Humidity Min. (%)	84	84	82	84	77
Wind Speed (Km/hr)	019	019	016	007	005
Wind Direction	247	222	199	198	218

**: Agro-met Advisory: 218**

It is possibility rainfall of 15<sup>th</sup> to 19<sup>th</sup> July, 2017. Sky will be cloudy from 15<sup>th</sup> to 19<sup>th</sup> July, 2017. Wind velocity range from 5 to 19 kmph from 15<sup>th</sup> to 19<sup>th</sup> July, 2017.

Crop	Crop Stage	Agromet Advisory
<b>Rice</b>	---	<ul style="list-style-type: none"> <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>Sapota</b>	Fruiting Stage	<ul style="list-style-type: none"> <li>If unmaturing fruit drops of sapota are observed spray combined fungicides of (Metalxyl-M 8% + Mancozeb 64%) @ 0.2% i.e. 20 g per 10 lit. of water on whole plant canopy.</li> <li>Some parts in the district the sapota fruits are mature size stage, harvest the mature fruits before 10 hours in the morning and after 16 hours in the evening with the help on Atul Sapota harvester.</li> </ul>
<b>Coconut, Arecanut</b>	--	<ul style="list-style-type: none"> <li>For control of eriophyid mite apply insecticides by root feeding, a healthy red coloured root having pencil size thickness be selected and slanting cut be given at the tip. Neemazal 5 per cent @ 7.5ml or econeem plus @10ml be mixed in equal quantity of water and placed in plastic bag. The bag be tied to this root in such a way that the root with slanting cut should remain in the solution. Harvesting of nuts be done before this treatment and harvesting be avoided at least 45 days after treatment. Or spray with 1% Neemazal @ 4 ml/lit of water on the crown of coconut palm. Or drenching of eriophyid smash (Azadirachtin 0.03% + micronutrients) @ 250 ml/20 lit water per coconut palm.</li> <li>For control incidence of rhinoserious beetle, clean coconut trunk and apply methyl parathion powder 50 g + 50 g sand (1:1). Spray carbaryl powder @ 40 g/10 lit water for FYM pits to control larva of rhinoserious beetle.</li> <li>Give irrigation to coconut palms as per need.</li> <li>For new plantations of Coconut and Arecanut, clean the area. For coconut dig the pits of 1 x 1 x 1 m. size at the distance of 7.5 x 7.5 m for cashew and arecanut pits of 0.6 x 0.6 x 0.6 m. size at the distance of 2.7 x 2.7 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.</li> </ul>
<b>Vegetable and Fruit crop nursery</b>	--	<ul style="list-style-type: none"> <li>Proper support should be given to cucurbitaceous crops. Apply first 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 15<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 bird</b>	--	<ul style="list-style-type: none"> <li>Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal.</li> <li>Planting of biennial and perennial forage crops for animals. The varieties of perennial fodder crops (stumps) like paragrass, Hybrid Napier, CO-3, Yashwant etc.</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>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> <li>Vaccination against Foot and Mouth Disease in cows, buffaloes and goats under the supervision of veterinary officers is advocated.</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>