



Agromet Advisory Service Bulletin for Thane District

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

Dr. Uttam Mahadkar,
Head,
Department of Agronomy
9422791998

Dr. D.N. Jagtap,
Nodal Officer,
Department of Agronomy
9403988143

Prof. Vaibhav Rajemahadik,
Technical Officer,
Department of Agronomy
9420673267

**Significant past weather for the preceding week
(Period -06/01/2017 to 10/01/2017)**

Rainfall (mm):	
90T84o54t68al Rainfall (mm):	
Total Rainfall (mm) (last year)	
Maximum temperature (⁰ C)	
Minimum temperature (⁰ C)	
Morning RH (%)	
Afternoon RH (%)	
Wind Speed (km/hr):	
Total cloud cover (Octa)	

Weather forecast until 08.30 hrs of 15/01/2017

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	11/01	12/01	13/01	14/01	15/01
Rainfall (mm)	0	0	0	0	0
Maximum temperature (⁰ C)	28	28	29	29	29
Minimum temperature (⁰ C)	15	14	13	12	12
Total cloud cover (Octa)	0	0	0	0	0
Relative Humidity Max. (%)	55	43	51	55	67
Relative Humidity Min. (%)	26	30	27	28	29
Wind Speed (Km/hr)	006	006	005	005	005
Wind Direction	37	40	45	57	123

: Agro-met Advisory:

Sky will be clear on 11th to 15th January, 2017. Wind velocity range from 5 to 6 kmph on 11th to 15th January, 2017.

Crop	Crop Stage	Agromet Advisory
Sapota	Vegetative Stage	<ul style="list-style-type: none"> For management of weeds in mango & cashew orchards cut the weeds with sickle or chopper or grass cutter or Spray Glyphosate @3-4 ml per lit. water. Note : Avoid grazing of animal in mango and cashew garden where weedicides is sprayed.
Coconut, Arecanut	Vegetative Stage	<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 + 20 ml water 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.
Vegetable	Vegetative Stage	<ul style="list-style-type: none"> If incidence of hopper, aphids and thrips is observed in <i>rabi</i> vegetable nursery viz., brinjal, tomato, cabbage, chilli, knol knol etc., spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water. If 5 to 6 weeks completed after sowing of brinjal and chill crops then seedling are ready for transplanting. At the time of transplanting the seedlings may be deep in Dimethoate @ 10 ml/10 lit. of water and transplanted on ridges of main field with spacing of 60 x 60 cm.
Watermelon Cultivation	--	<ul style="list-style-type: none"> For cultivation of watermelon ploughing and cloud crushing of land and furrow be prepared at 4 m length 90 cm apart the both side of furrow prepared 30 x 30 x30 cm size pit, apply 1 to 1.5 kg FYM + 10 gm Carbaryl (10%) Powder, mix thoroughly with soil, sowing of 3 to 4 seeds at the depth of 2 to 2.5 cm, thinning after 15 days emergence of seedling keep only 2 seedlings per pit. The 50 kg N + 50 kg P₂O₅ and 50 kg K₂O per ha was required. The 1/3rd dose of N and full dose of P₂O₅ and K₂O be applied at the time of sowing and remaining N be apply 1 and 2 months after sowing at equal quantity. In watermelon crop if symptoms of wilting is observed then drenching of carbandazim @ 1 gm. per lit. of water per vine. Apply straw mulch or polythene mulch for water melon crops.
Goats/ Milch animals	--	<ul style="list-style-type: none"> Provide clean and hygienic drinking water and nutritious fodder and concentrates to farm animal. Planting of binneal forage crops like Paragrass, Napier, Gajraj etc is advocated. Protect the animals/poultry birds from low temperature by providing curtains and 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.