



Agromet Advisory Service Bulletin for Raigad 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 –05/02/2018 to 09/02/2018)

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 14/02/2018

PARAMETERS	Day-1	Day-2	Day-3	Day - 4	Day - 5
	10/02	11/02	12/02	13/02	14/02
Rainfall (mm)	0	0	0	0	0
Maximum temperature (°C)	31	30	30	31	32
Minimum temperature (°C)	19	18	18	17	18
Total cloud cover (Octa)	7	2	1	1	0
Relative Humidity Max. (%)	50	71	87	83	74
Relative Humidity Min. (%)	25	25	35	40	25
Wind Speed (Km/hr)	005	006	004	005	005
Wind Direction	58	37	140	50	57

: Agro-met Advisory:

Sky will be cloudy from 10th to 13th February, 2018. Wind velocity range from 4 to 6 kmph from 10th to 14th February, 2018.

Crop	Crop Stage	Agromet Advisory
Summer Rice	Seedling	<ul style="list-style-type: none"> Transplant paddy seedling after 30 to 35 days sowing with spacing 20 x 15 cm. Before transplanting apply 130 kg urea + 312.5 kg single super phosphate + 83 kg murate of potash per ha.
Pulses crops	Vegetative stage	<ul style="list-style-type: none"> There are forecasted cloudy weather on 10th February, 2018 also variation between minimum temperature hence incidence of aphids and leaf minor is increased if it is observed on pulse crops, spray 10 ml Dimethoate or Lambda cyhalothrin 5% EC @ 6ml. per 10 lit. of water at an interval of 15-20 days.
Mango and Cashew	Plantation	<ul style="list-style-type: none"> There are forecasted cloudy weather on 10th February, 2018, hence there is possibility of incidence of mango hopper, if it is noticed spray Lambda Cyhalothrin @5% E.C. @ of 6 ml per 10 liter of water for management of Anthracnose mix Carbendazim 12% + Mancozeb 63% @ 10 g per 10 lit of water. There are forecasted cloudy weather on 10th February, 2018, hence there is possibility of incidence of Tea mosquito on new emerging flush of cashew is noticed, spray Lambda Cyhalothrin 5% EC (6 ml. in 10 lit. of water). (These insecticide are not under label claim) There are forecasted cloudy weather on 10th February, 2018, hence there is possibility of incidence of Anthracnose on cashew. If it is noticed, spray thiophanate methyl 1 gm per liter or Carbendazim per liter or Propineb 1 gm per liter or Carbendazim 12% + Mancozeb 63% @ 1 g per lit of water
Coconut, Arecanut	--	<ul style="list-style-type: none"> For control of adults and grubs of rhinoceros beetle, dust 2 % Methyl parathion powder after every 2 month interval in FYM pits. To control red palm weevil affected coconut, 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% Chlorophyriphos with the help of plastic funnel in the hole and close the hole with the help of cement.
Vegetable crop and watermelon crop	--	<ul style="list-style-type: none"> For control of bacterial wilt of chilli, brinjal and tomato seedling, spray Copper Oxychloride @ 20 to 25 g/10 lit of water on seedbed after sowing of seeds. Also apply Carbarly or Lindane powder on side of seedbed to control against ant. There is possibility for incidence of powdery mildew, spray Hexaconazole 5% EC 5 ml or Sulphur 80% WP @ 20 g per 10 lit. of waters. Due to cloudy weather on 10th February, 2018 there is possibility for increased incidence of hopper, aphids and thrips on vegetable crops viz., brinjal, tomato, cabbage, chilli, knol knol etc., if it is noticed spray Malathion @ 20 ml or Dimethoate @ 12 ml per 10 liter of water. Cucurbitaceous vegetables are in fruit bearing stage, install of Rakshak fruit fly traps developed by University @ 4 traps per ha area is advocated to control fruit fly in vegetables garden. In watermelon crop if symptoms of wilting are 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. 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.