



AGROMET ADVISORY BULLETIN
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Weather based Agromet Advisory committee meeting dated 14.01.2025
District Pune

Significant past weather of the preceding week and Weather Forecast

Last Week Weather Summary (08.01.2025 to 14.01.2025)							Weather Parameters	Weather Forecast (14.01.2025 to 18.01.2025) Not Received				
8	9	10	11	12	13	14	Date	15	16	17	18	19
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)					
30.4	29.7	28.2	28.8	29.2	29.1	29.4	Max. Temp. (0C)					
12.7	11.0	10.7	14.3	15.4	17.1	15.5	Min. Temp. (0C)					
							Cloud Cover					
93	93	93	96	94	78	98	Max. RH (%)					
43	34	36	43	51	50		Min. RH (%)					
2.3	2.4	3.6	1.5	1.2	2.1	2.7	Wind Speed(km/hr)					
							Wind direction (deg)					

Agromet Advisory Based on Weather Forecast Prediction

Crop	Crop Stage	Advisory
Weather Summary/ Alert		According to forecast given by Regional Meteorological Centre, Mumbai of India Meteorological Department the weather may remain dry and cloudy during dt. 14 th to 18 th January, 2025 in the district.
Extended Range Forecast (ERFS)		As per ERFS products during 12 th to 18 th January, 2025 over Madhya Maharashtra (Dhule, Nandurbar, Jalgaon, Nashik, Ahmednagar, Pune, Satara, Sangli, Solapur, Kolhapur) division <ul style="list-style-type: none"> ➤ Rainfall may remain above normal. ➤ Maximum temperature may remain below normal. ➤ Minimum temperature may remain normal.
General Advisory		<ul style="list-style-type: none"> • The intercultural operations should be carried out and proper irrigation should be provided as per availability and requirement to the crops. • Farmers should observe the pest and disease incidence on their field and if the infestation is above economic threshold level (ETL) then proper pest and disease management should be done. • Farmers should download and make use of Meghdoot mobile app for weather based crop advisory and weather forecast. • Also, farmers should download and make use of Damini mobile app for lightning and thunderstorm warning and forecasting.
Chick pea	Pod development stage	For irrigation of crop use sprinkler system to maximize the yield. Cloudy weather condition may prevail in few days so as a precautionary measure for control of pod borer take a spray of 5% neem ark. Erect "T" shaped bird perches 50 per hectare in the field for control of pest. If the infestation is more chemical control by spraying of emamectin benzoate 5% SG, 4 gm per 10 liter liter of water.

Wheat	Stem elongation stage	Wheat crop should be given irrigation at critical growth stages for proper growth and development. Cloudy weather condition may prevail for next few days hence, for control of aphids spray metarhizium anisopli or verticilium leccani 1.15% W.P. 40 gm per 10 liters of water two times at an interval of 15 days.
Pigeon pea	Maturity to harvesting stage	Harvesting of matured crop should be done and keep at it safe place. Cloudy weather condition may prevail for next few days hence, for control of pod borer install 5 pheromone traps per hectare and spray of 5% neem ark or neem based insecticide azadiractine 0.03 %, 300 PPM, 5 ml per liter of water. Integrated pest management practices should be followed for control of pod borer, plume moth, pod fly during pod development stage.
Maize	Vegetative growth stage	Cloudy weather condition may prevail for next few days hence, for control of American Army worm infestation spray neem ark 5% or emamectin benzoate 5% SG, 8 gm per liter of water.
Rabi safflower	Flowering Stage	For control of aphids spray metarhizium anasopli 50 gm. or Acephate 16 g + Fenvalerate 10 ml per 10 lit of water and for control of leaf spot of safflower, spray the combi-formulation fungicide Carbendazim 12 % + Mancozeb 63 % @ 20 g in 10 liter water immediately after disease appearance.
Cotton	After end of Picking stage	For control of pink boll worm in areas where picking up of bolls is completed uproot the cotton plants and use it to prepare compost and then carryout deep ploughing operation so that the hibernating pest stages can be destroyed.
Brinjal	Vegetative growth stage	Cloudy weather condition may prevail for next few days hence, the sap sucking pest infestation such as jassid, whitefly, aphid may increase for its control spray phospomidon 40% S.S. 15 ml. or fenpropyathrin 30% E.C., 5 ml per 10 lit. of water alternatively. Also spray 5% neem ark 50 ml per 10 lit. of water.
Banana		Cloudy weather condition may prevail for next few days hence, for control of Sigatoka disease destroy part of the affected leaf or entire leaf from the plants. Spray 5 ml of Propiconazole and 100 ml of mineral oil in 10 liters of water, repeat this spray application two times with a 20-day interval between each spray.
Animal Management		For control and prevention of diseases, all animals should be given medicine and vaccination in consultation with veterinary doctor. The location of cattle shed should be at proper height and with ample sunlight and aeration available in the shed. Always give clean drinking water to animals.

Note: Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc. and use Kisan Kavach Body Suite while spraying.

Source:

- 1) Weather Forecast : Regional Meteorological Centre (RMC, Mumbai)
2) Last week weather summary : IMD observatory (CAGMO, A.C., Pune)

Place : COA, Pune

Date : 14.01.2025

Sd/-

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