



AGROMET ADVISORY BULLETIN
GRAMIN KRISHI MAUSAM SEWA, AMFU, PUNE
Department of Agricultural Meteorology
College of Agriculture, Pune 411 005



Ph No. 020-25538009

E-mail: amfupune@gmail.com

Weather based Agromet Advisory committee meeting dated 18.02.2025
District Pune

Significant past weather of the preceding week and Weather Forecast

Last Week Weather Summary (12.02.2025 to 18.02.2025)							Weather Parameters	Weather Forecast (18.02.2025 to 22.02.2025)				
12	13	14	15	16	17	18	Date	19	20	21	22	23
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
34.8	36.0	34.7	34.5	35.5	35.8	35.7	Max. Temp. (0C)	37	37	36	36	36
15.3	12.3	13.4	13.5	12.8	12.8	15.0	Min. Temp. (0C)	14	15	15	14	14
							Cloud Cover	0	0	0	0	0
84	93	89	85	85	81	88	Max. RH (%)	65	64	59	57	56
19	19	23	16	30	17		Min. RH (%)	31	31	26	26	24
2.5	2.2	2.4	2.3	2.6	2.3	2.4	Wind Speed(km/hr)	4	4	4	6	6
							Wind direction (deg)	22	22	31	38	40

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 during dt. 18 th to 22 nd February, 2025 in the district.
Extended Range Forecast (ERFS)		As per ERFS products during 16 th to 22 nd February, 2025 over Madhya Maharashtra (Dhule, Nandurbar, Jalgaon, Nashik, Ahmednagar, Pune, Satara, Sangli, Solapur, Kolhapur) division <ul style="list-style-type: none"> ➤ Rainfall may remain below normal. ➤ Maximum temperature may remain normal. ➤ Minimum temperature may remain normal.
General Advisory		<ul style="list-style-type: none"> • Due to expected dry weather apply irrigation to <i>rabi</i> crops, fruit orchards and vegetable crops as per local condition, soil type and there requirement. • 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. • Farmers should refer and use KRISHIDARSHINI published by Mahatama Phule Agricultural University for all agriculture related information.
Chick pea	Maturity to Harvesting	Harvesting should not be done when the crop is moist. Harvest the crop only when the pods have dried and hardened, then proceed with threshing. Dry the grains in sunlight for 5-6 days. Store the produce in a grainary and mix neem leaves in it. This helps to prevent pest infestation during storage.

Rabi Sorghum	Maturity to Harvesting	Protect matured sorghum crop from Birds. Apply irrigation to crop in grain filling stage which helps in filling the grains in the head. As the weight of the grain increases, so does the yield. Those who have irrigation facilities should provide irrigation to the crop. If rabi sorghum is in harvest stage, it should be harvested and threshed. Threshed grains should be dried in sunlight (moisture in grains should be less than 10%) and dried neem leaves should be mixed and stored. Care should be taken to avoid storage in damp & moist places.
Wheat	Flowering stage	Wheat crop should be given irrigation at critical growth stages to get maximum yield. Apply irrigation at 60 to 65 DAS also the interval between two irrigations should be maintained properly according to the local conditions and soil depth & type.
Maize	Grain filling stage	Spraying of neem ark 5% or emamectin benzoate 5% SG, 8 gm per liter of water for control of American Army worm. Care should be taken that the maize crop which has been sprayed by insecticide should not be used as fodder.
Onion	Vegetative growth stage	For control of blight disease spray diafenconazol 25 % EC 10 ml or tebukonyazol 10 ml or azokzistrobin 10 ml per 10 liter of water. For control of thrips spray alternately dimethoate 30% concentrate 15 ml or Lambdacyhalothrin 5% concentrate 6 ml per 10 lit. of water.
Mango	Inflorescence	For control of mango hoppers on mango inflorescence spray Metarhizium Anisopli or Verticilium leccani 1.15% W.P. 50 gm per 10 liters of water or imidachlopride 17.8 SL, 3 ml per 10 lit. of water. Farmer are advised to use recommended doses of insecticide and use them alternatively and at proper time interval.
Animal Management		As the summer season is approaching the arrangement for green fodder to the cattles should be made by sowing fodder crops like sorghum, pearl millet, maize as per availability of water. For control and prevention of diseases, all animals should be given medicine and vaccination in consultation with veterinary doctor. 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 : 18.02.2025

Sd/-

Principal Nodal Officer, GKMS, AMFU Pune & Head, Department of Agril. Meteorology, COA, Pune.