



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 21.01.2025

District Pune

Significant past weather of the preceding week and Weather Forecast

Last Week Weather Summary (15.01.2025 to 21.01.2025)							Weather Parameters	Weather Forecast (21.01.2025 to 25.01.2025)				
15	16	17	18	19	20	21	Date	22	23	24	25	26
0.0	0.0	0.0	0.0	0.0	0.0	0.0	Rainfall (mm)	0	0	0	0	0
30.8	30.2	31.4	29.5	29.7	30.2	31.7	Max. Temp. (0C)	31	31	32	32	33
16.1	16.5	15.5	13.1	12.8	12.5	12.7	Min. Temp. (0C)	12	14	13	12	13
							Cloud Cover	1	4	2	0	0
96	96	90	93	91	89	93	Max. RH (%)	89	80	73	73	79
45	31	40	35	38	34		Min. RH (%)	37	35	37	39	39
2.1	3.0	2.5	4.2	4.1	2.9	2.2	Wind Speed(km/hr)	4	4	4	5	5
							Wind direction (deg)	0	100	68	73	81

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 partly cloudy during dt. 21 st to 25 th January, 2025 in the district.
Extended Range Forecast (ERFS)		As per ERFS products during 26 th January, 2025 to 01 st 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 below normal. ➤ Minimum temperature may remain normal.
General Advisory		<ul style="list-style-type: none"> • Hoeing and weeding operations should be carried out in standing <i>rabi</i> crops to avoid competition for nutrients by weeds. • Due to dry weather and drop in minimum temperature apply irrigation to <i>rabi</i> crops, fruit orchards and vegetable crops as per local condition, soil type and there requirement. • Land preparation for sowing of summer groundnut, pearl millet should be done. • 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	Use sprinkler irrigation system to maximize the yield. For precautionary measure to control pod borer spray of 5% neem ark. Erect "T" shaped bird

	stage	perches 50 per hectare to control of pest, If infestation is more, spraying of emamectin benzoate 5% SG, 4 gm per 10 liter liter of water is carried out.
Wheat	Stem elongation stage	Wheat crop should be given irrigation at critical growth stages for proper increasing tillers of wheat. Application of spraying metarhizium anisopli or verticilium leccani 1.15% W.P. 40 gm per 10 liters of water at an interval of 15 days for control of aphids.
Pigeon pea	Maturity to harvesting stage	Harvesting of matured crop should be carried out and keep it at safety place. When the pods dry carryout harvesting operation by harvesting tiller or cut the crop and do threshing. Before storage dry the harvested produce for 5 to 6 days in sunlight. Care should be taken to avoid storage in damp & moist places.
Maize	Flowering to 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 use as fodder.
Rabi safflower	Flowering Stage	Spraying metarhizium anasopli 50 gm. or Acephate 16 g + Fenvalerate 10 ml per 10 lit of water for control of aphids and spraying the combi-formulation fungicide Carbendazim 12 % + Mancozeb 63 % @ 20 g in 10 liter water immediately after disease appearance for control of leaf spot of safflower,.
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	For control of shoot and fruit borer the infested shoot and fruits should be collected and destroyed or by burying it in to the soil. Use yellow sticky traps for its control. Also, use pheromen 40 traps (funnel type) per acre.
Grape	Fruit bearing stage	Due to present cloudy weather condition the powdery mildew disease may emerge on grape. For its control spray water soluble sulphur 80 % WP 25 gm or potassium bicarbonate 5 gm per 10 lit. of water.
Mango	Inflorescence	Due to present cloudy weather condition, for control of mango hoppers on mango inflorescence spray 5% E.C. lymda psyhalothrin 10 ml or buprofrezin 25% SC, 20 ml or imidachlopride 17.8 SL, 3 ml per 10 lit. of water.
Animal Management		BIRD FLU AWARENESS AND PRECAUTION It is hereby communicated to the owners of poultry farms and general public that an intimation of mortality in crows, parrots, herons or in migratory birds in any village or of any unusual mortality of poultry birds in commercial farms as well as in backyard poultry, be immediately given to the nearest veterinary dispensary. The intimation should also be given on the Toll free no. 18002330418. It is advised that the dead birds should not be touched with bare hands and post mortem of such dead birds should not be conducted. The birds should not be disposed off without intimation to the local veterinarian. 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 : 21.01.2025

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