



AGROMET ADVISORY BULLETIN
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Weather based Agromet Advisory committee meeting dated 28.03.2025
District Solapur

Weather Parameters	Weather Forecast (28.03.2025 to 01.04.2025)				
	29	30	31	1	2
Date	29	30	31	1	2
Rainfall (mm)	2	3	5	3	2
Max. Temp. (0C)	40	41	40	39	39
Min. Temp. (0C)	23	24	25	26	25
Cloud Cover	2	2	4	3	4
Max. RH (%)	64	64	65	65	66
Min. RH (%)	36	35	36	35	36
Wind Speed(km/hr)	14	9	2	3	1
Wind direction (deg)	346	18	79	229	0

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, there is possibility of rainfall at isolated places during 28 th March, 2025 to 01 st April, 2025 in the district.
Extended Range Forecast (ERFS)		As per ERFS products during 02 nd to 08 th April, 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"> • Since there is a possibility of rainfall at isolated places, harvested agricultural produce should be stored in safe storage place and if in field produce should be covered with tarpaulin. • Summer crops, fruit orchards and vegetable crops as per local condition, soil type and there requirement. • Use of mulching should be practiced in fruit orchards to retain soil moisture. • 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	Storage	Dry the threshed 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.
Summer Groundnut	Vegetative growth stage	Apply irrigation to Summer Groundnut crop according to soil type and availability at an interval of 8 to 10 days. Hoeing and weeding operations should be carried out in standing crop to avoid competition for nutrients by weeds. Intercultural operations should not be carried out at peg initiation stage (35 to 45 days). Water stress should be avoided during peg formation to pod-development stage.
Summer Pearl Millet (Summer Bajra)	Vegetative growth stage	Apply irrigation to Summer Pearl Millet crop according to soil texture and the critical crop growth stages. Five to six irrigations should be given at an interval of 10 to 12 days. If water availability is limited, the first irrigation should be given at the time of tillering stage (20 to 25 days after sowing), the second irrigation should be given when the crop is in the boot stage (35 to 45 days after sowing), and the third irrigation should be given at the time of grain filling (60 to 65 days after sowing).
Sugarcane	Vegetative growth stage	For biological control of shoot borer use <i>trichogramma chilonis</i> (tricocard) 4 cards per acre and 5 pheromone (E.S.B.Lure) per hectare. Infested plants should be cut from ground level and destroy it.
Rabi Sorghum	Storage	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	Storage	Threshed produce should be dried in sunlight and care should be taken to avoid storage in damp & moist places.
Maize	Harvesting to storage	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. Matured crop should be harvested and it should be dried in sunlight. Care should be taken to avoid storage in damp & moist places.
Mango	Fruit formation stage	If floral malformation is observed on mango inflorescence it should be cut and destroyed and the cut area should be applied with a solution of copper oxychloride at 3 grams per liter of water. Similarly, if vegetative malformation is observed on new mango shoots it should be cut and destroyed and the cut area should be applied with a solution of copper oxychloride at 3 grams per liter of water. Due to the rising temperatures, water stress may occur which may lead to fruit drop. Hence, apply water according to availability. Try to keep weather cool in the orchards. Use mulching in the orchard to retain soil moisture.
Animal Management		<p>The country's first animal health mobile system (app) Phule Amrutkal App, developed by the Department of Animal Husbandry and Dairy science under the Indigenous Cattle Research and Training Centre (ICRTC) of Mahatma Phule Krishi Vidyapeeth at the College of Agriculture, Pune was launched for farmers and farmers should download and install it in their mobile and get weather based animal advisories.</p> <p>Benefits of Phule Amrutkal App Download :</p> <p>This app will advise farmers and instructions will be given from time to time on how to alleviate heat-related stress in cattle, reduce the temperature in the cowshed and maintain proper humidity, provide shade, maintain proper</p>

		ventilation, provide cold water for drinking, start the fan or fogger system automatically, and plan a balanced diet, etc.
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Note: Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc. and use Kisan Kavach Body Suite.

Source:

- 1) Weather Forecast : Regional Meteorological Centre (RMC, Mumbai)
2) Last week weather summary : -

Place : COA, Pune

Date : 28.03.2025

Sd/-

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Head, Department of Agril. Meteorology, COA, Pune.**