



AGROMET ADVISORY BULLETIN
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Weather based Agromet Advisory committee meeting dated 01.09.2026

District : Jalgaon

Significant past weather of the preceding week and Weather Forecast

Weather Parameters	Weather Forecast (01.09.2026 to 05.09.2026)				
Date	2	3	4	5	6
Rainfall (mm)	2.0	3.0	8.0	10.0	4.0
Max. Temp. (⁰ C)	32	33	31	30	31
Min. Temp. (⁰ C)	22	23	24	23	22
Cloud Cover	7	8	8	8	6
Max. RH (%)	84	83	92	93	94
Min. RH (%)	66	67	74	82	81
Wind Speed(km/hr)	12	12	14	12	9
Wind direction (deg)	266	360	264	263	258

Agromet Advisory Based on Weather Forecast Prediction

Crop	Crop Stage	Advisory
Weather Summary/ Alert		According to forecast given by Regional Meteorological Centre, Mumbai, India Meteorological Department, there is possibility of rainfall at isolated places on dt. 01st, 02nd & 05th September, 2026 and at some (scattered) places on dt. 03rd & 04th September, 2026 in the district. Warning : According to forecast given by Regional Meteorological Centre, Mumbai, India Meteorological Department, ➤ Isolated places in the district may experience thunderstorm activity accompanied with gusty winds (30 to 40 kmph), lightening & light to moderate rainfall on dt. 03rd & 04th September, 2026.
Extended Range Forecast (ERFS)		As per ERFS products during 06th to 12th September, 2026 over Madhya Maharashtra (Dhule, Nandurbar, Jalgaon, Nashik, Ahmednagar, Pune, Satara, Sangli, Solapur, Kolhapur) division ➤ Rainfall may remain normal. ➤ Maximum temperature may remain normal. ➤ Minimum temperature may remain normal.
General Advisory		• White grub : The branches of acacia, ber and neem trees should be shaken with a stick at night as the beetles of white grub gather on them after sunset to eat the leaves and the fallen beetles should be collected and destroyed by putting them in water mixed with kerosene. This remedy should be done by the farmers collectively. This will eliminate the beetles before they lay eggs. For the biological control of white grubs, mix 20 kg of the parasitic fungus <i>Metarhizium anisopliae</i> per hectare in soil (It is best if it can be mixed with cow dung manure). • If pest or disease infestation is observed in standing crops due to cloudy weather, spray 'Phule Biomix' at a concentration of 10 ml per liter of water. Additionally, if there is a micronutrient deficiency, spray of 'Phule Grade II' should be applied at a rate of 10 ml per liter of water when the crop reaches the flowering stage after sowing. • Farmers should download and make use of 'Meghdoot' mobile app for weather based crop advisory and weather forecast and 'Damini' mobile app for lightning and thunderstorm warning and forecasting. • Farmers should refer and use 'KRISHIDARSHINI' published by Mahatma Phule Agricultural University for all agriculture related information.

		If moisture stress is observed in crops due to dry spell and water is available, provide protective irrigation alternatively, spray a 2% solution of urea or potassium nitrate.
Cotton	Square formation stage	Implement preventive measures, such as spraying neem ark to avoid infestations of sap sucking pests and use 8 to 10 yellow sticky traps per acre. To control the pink bollworm, install 8–10 pheromone traps per acre. Carry out inter-cultivation (hoeing) to earth up the crop and control weeds. For control of whitefly, spray flonicamid 50 WG, 2 gm or diafenthiuron 50 WP, 12 gm or buprofezin 25 SC, 20 ml or neem extract 50 ml per 10 liters of water. If the crop is 80–90 days old, pinch off the main growing tip. If flower or square shedding occurs, spray Naphthalic Acid 100 ml per 500 liters of water per hectare.
Soybean	Flowering Stage	Due to cloudy weather for control of sap-sucking pests, spray a 5% neem extract; additionally, for effective control of aphids, spray flonicamid 50% WG 4 grams per 10 liters of water when there are no rains. Spraying should be carried out only after assessing the economic damage threshold of the pests. Remove large weeds from the crop; this will help keep the pest and disease infestation under control. To control leaf-eating caterpillars, spray flubendiamide 39.35% SC at a dosage of 3 ml per 10 liters of water.
Black and green gram	Pod filling Stage	For control of sap-sucking pests, spray a 5% neem extract and use 8 to 10 yellow sticky traps per acre.
Groundnut	Flowering Stage	Intercultural operations should not be carried out beyond 45 days once the pegs start penetrating the soil. To prevent infestation by sap-sucking pests, install 8 to 10 yellow sticky traps and 8 to 10 pheromone traps per acre. Apply 80 kg of gypsum per acre during the stage between flowering and peg formation. If the peg formation stage is developed, rotate an empty drum within the rows of crop in erect and semi spreading varieties. For control of leaf-eating caterpillars, spray quinalphos 2 ml per liter of water when there are no rains.
Maize	Vegetative stage	To prevent infestation by pests, install 8 to 10 pheromone traps per acre. For control of american armyworm, spray a mixture of spinetoram 11.7% SC, 5 ml, broflanilide 20% SC, 2.5 ml, isoocycloseram 18.1 SC, 6 ml, or emamectin benzoate 1.5% + profenofos 35% WDG, 15 gm per 10 liters of water.
Brinjal	Vegetative Growth Stage	For control of sap-sucking pests (such as jassids), spray cypermethrin 25% EC, 4 ml or flonicamid 50% WG, 4 gm or afidopyropen 50 DC, 20 ml per 10 liters of water, ensuring the application is done during a break in the rainfall.
Banana	Vegetative stage	For the control of Sigatoka disease: * Remove and burn the infected parts of leaves or the entire leaves. * take a first spray of 25 gm mancozeb 75% WP, or 25 gm copper oxychloride 50% WP and second spray of 5ml propiconazole plus 100 ml mineral oil per 10 liters of water. For the control of cucumber mosaic (infectious) viral disease: As soon as an infestation is observed, uproot the infected plants and destroy them by burning or burying them in the ground. Since this disease spreads via aphids, for its control spray 5 ml imidacloprid per 10 liters of water. For the control of bacterial corm rot: mix 4 gm of bleaching powder in 0.5 liters of water and apply it as a soil drench around each plant. Two months after planting, spray the micronutrient zinc 50 grams per 10 liters of water.
Ber	Vegetative	Due to cloudy weather, for control of powdery mildew, spray 10 gram,

	stage	carbendazim per 10 liters of water.
Animal Managemen t		The incidence of infectious diseases rises during the monsoon season. Therefore, timely vaccination based on veterinary advice protects livestock from diseases and helps avoid potential financial losses. Immediate veterinary consultation should be sought if animals exhibit symptoms such as loss of appetite, fever, diarrhea, or signs of parasitic infestation. Although internal worm populations multiply rapidly during the monsoon, systematic deworming reduces infestation, improves animal growth, and enhances productivity.
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 : IMD observatory (CAGMO, A.C., Pune)

Place : COA, Pune

Date : 01.09.2026

Sd/-

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