

*All measurements are mL per gallon		VEG				FLOWER				
		W1	W2	W3	W4	W1	W2	W3		
Preventative (no pests)	Spray 2x per week	90	90	90	90	90	90	90		
Curative (some pests)	Spray 3x per week	120	120	120	120	120	120	120		
Infestation (Infested with pests, possible crop loss)	• Spray 2 day • Off 1 day Repeat above for a 9 day total cycle.	M	T	W	TH	F	S	SU	M	T
		150	150	×	150	150	×	150	150	×

Infestation

For aphid infestations we recommend two consecutive days of spraying followed by one day off. The day off allows the plant to rest because repeated spraying can stress the plant during this process. If the grower notices any adverse reaction like wilting or other phytotoxic reactions, they should add more days off between the spray routine. This rotation is repeated 3 times over a 9-day period (the 9th day is a day off). Our **IPM Spray Procedure** is designed to prevent and control aphids in your garden.

ATHENA® Aphids Reproductive Cycle

Eggs → Larvae → Juveniles → Adults

3 EVENLY SPACED SPRAY EVENTS TO DISRUPT REPRODUCTIVE CYCLE.

HOTTER TEMPERATURES WILL NEED SHORTER SPRAY INTERVALS.

COLDER TEMPERATURES WILL NEED LONGER SPRAY INTERVALS.

Conducted by UC Davis, Department of Entomology and Nematology

Disclaimer: The research results presented herein are the outcome of independent research conducted by UC Davis. UC Davis is not affiliated with Athena Ag, Inc., nor does it endorse the product referenced herein. Any reference to UC Davis is solely for the purpose of identifying the institution where the research was conducted.

UC DAVIS *2023 Athena® IPM Efficacy Study demonstrates 96% aphids mortality rate at 200mL per gallon use rate.

Spray Procedure

CAUTION: STEP 1 IS VERY IMPORTANT. FULL SATURATION.

- Saturate** Fully saturate the substrate with pH adjusted water. If the plant is fully hydrated, it will not absorb **IPM** through its leaves. If the plant is dehydrated, it will absorb **IPM** through its leaves. Skipping this step can cause burning or phytotoxic reactions.
- Climate** Reduce temperature to around 72° F and use dehumidifiers to maintain humidity around 55-65% to prevent mold and mildew issues.
- Lighting** Only spray when high intensity lights are turned off to prevent burning.
- Spray** Start by spraying the substrate, following up the stalk making sure to drench the undersides of the leaves. Follow with a spray over the top to ensure full saturation of all plant foliage.
- Dry** Allow enough time to dry (3-4 hours) before high intensity lights are turned on.

Fully Saturating the Substrate

The technique of fully saturating the substrate first, makes sure the plant is **fully hydrated, so that it does not uptake IPM** when applied. Once the spraying is complete, allow the plant to dry down to your normal preference and resume your irrigation schedule. If the grower sees any adverse reaction in the plants, stop and take a day or two off before re-applying.



IPM
Broad Spectrum
Insecticide & Fungicide

DISCLAIMER: Users are reminded to adhere to local, state, and federal regulations governing the use of this product. It is the user's responsibility to validate its suitability for their intended purpose, ensuring compliance with safety, environmental, and regulatory guidelines. Athena Ag, Inc. disclaims liability for any misuse or failure to comply with these regulations.

Read the entire Directions for Use, Conditions of Warranties, and Limitations of Liability before using this product. If the terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties, and Limitations of Liability. CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors such as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Athena Ag, Inc. All such risks shall be assumed by the user or buyer. DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Athena Ag, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on the product's label. No agent of Athena Ag, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Athena Ag, Inc. disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product. LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries, or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid, or at Athena Ag Inc.'s election, the replacement of product.

Follow us on Instagram!

@Athena.Ag

A01.006

AthenaAg.com

