

VENDOR IPM STATEMENTS

Klutch Cannabis

Klutch Cannabis medical marijuana is hydroponically grown in rockwool and/or coco using strict biosecurity and thorough IPM (Integrated Pest Management) practices. Biological and organic prevention methods are employed, and pesticides are used only as a last resort, primarily during vegetation. Preventative applications include Beauveria bassiana strain GHA, citric acid, mineral oil, peppermint oil, pyrethrins, sodium lauryl sulfate, and soybean oil. All applications are approved by the Ohio Medical Marijuana Control Program (OMMCP).

Certified Cultivators

Certified Cultivators strives to be the best at every level. Our primary method of Integrated Pest Management (IPM) incorporates the use of beneficial organisms during all phases of growth. As a secondary preventative measure, we use foliar sprays of diluted Lost Coast Plant Therapy, BioSafe Systems ZeroTol 2.0, BioSafe Systems Oxyphos, and BioSafe Systems Azaguard.

Riviera Creek

Riviera Creek never uses pesticides of any kind in our cultivation facility. This commitment is proudly displayed on the front of our packaging and will always remain a cornerstone of our approach. Riviera Creek cultivates aeroponically, in one of the most advanced facilities in the country. Our nutrients are applied directly to the roots of the plants without the use of a growing medium, soil, or substrate. Our growing environments are designed to resist pathogens and pests, which is why we have never had instances of spider mites or other nuisances. We do not use pesticides, including neem oil, which we consider a pesticide. Our goal is to create the highest quality medicine for Ohio patients in the cleanest and purest environment possible.

Cresco Labs

Cresco Labs uses only the following substances on immature, pre-flowering plants: peat-based growing medium, chrysanthemum extract, neem tree extract, and canola oil.

Appalachian Farms

Appalachian Farms does not use pesticides during the cultivation of any of our medical marijuana processed products.

Farkas Farms (Bullseye Gardens)

Bullseye Gardens follows a regulated and systematic Integrated Pest Management (IPM) program. We are a pesticide-free facility, implementing beneficial bugs as a proactive IPM approach instead of chemicals. The following OMMCP- and Organic Materials Review Institute-approved products are used in our facility:

- **Trichoderma harzianum Rifai Strain T-22 (Clone root dip prior to transplant at 7-10 days old)**
- **Potassium bicarbonate (Leaf dip performed at the time of new clone cutting, 0 days old)**
-

Galenas

Galenas uses combinations of plant extracts and beneficial microbes approved for organic agriculture. Additional preventative measures include Japanese knotweed extract (Regalia) and beneficial bacteria (Serenade). Beneficial insects are used to eliminate the risk of pests. Our philosophy revolves around patient safety and all-natural solutions to plant health.

Grow Ohio

Our Integrated Pest Management (IPM) practices minimize pesticide use by fostering healthy crops capable of resisting pest attacks. Natural pest control mechanisms like beneficial microorganisms and a clean grow environment are core components. Preventative substances include: Clove oil, Rosemary oil, Polyglycerylolate, Lauric acid, Sulfur Citric acid, Mono- and di-potassium salts of phosphorous acid.

One Orijin

One Orijin does not use pesticides during the manufacturing of any of our medical marijuana processed products.

Columbia Care

Plant pests are managed with botanical oils, azadirachtin, neem oil, and bacterial and fungal preventative applications.

Buckeye Relief

Buckeye Relief cultivates plants using clean and sustainable standards. Preventative substances approved by the OMMCP and Organic Materials Review Institute include: Azadirachtin, Hydrogen Peroxide, Clarified Hydrophobic Extract of Neem, Plant Therapy, Mineral Oil/Petroleum Distillate, Peroxyacetic Acid, Potassium Bicarbonate, Potassium Salts of Fatty Acids and Reynoutria Sachalinensis. Meigs County

Meigs County Agri-Med Ohio

Agri-Med Ohio's Integrated Pest Management (IPM) process involves maintaining a clean grow environment and using healthy plants that resist pests. Beneficial microorganisms are prioritized, with organic pesticides used as a last resort. Potential products include: Soybean Oil, Sodium Lauryl Sulfate, Citric Acid, Sulfur, Geraniol, Bacillus Thuringiensis.

Standard Wellness

Standard Wellness uses an Integrated Pest Management (IPM) program combining beneficial bugs with state-approved pesticides. Products may include: Linseed Oil, Rosemary Oil, Thyme Oil, Citric Acid, Azadirachtin, Trifloxystrobin, Fenhexamid, Fludioxonil, Copper Octanoate, Thiophanate-methyl, Reynoutria Sachalinensis, Hydrogen Peroxide Peroxyacetic Acid, Bacillus Amyloliquefaciens, Mineral Oil, Bacillus Subtilis, Potassium Bicarbonate, Reynoutria Sachalinensis, Mono- and di-potassium salts of phosphorus acid

The Botanist/Superflux

Citric Acid, Extract of Reynoutria Sachalinensis, Peppermint Oil, Lemongrass Oil, Geranium Oil, Potassium Bi-Carbonate

Verano

Athena IPM, Zerotol, Oxiphos & Azaguard.

Wellspring Fields

Wellspring Fields offers natural cannabis grown without harmful chemicals. For pest control, we use natural ingredients like lavender oil and organic fertilizers with salt minerals.

Pure Ohio Wellness

Pure Ohio Wellness does not use chemical pesticides. Beneficial insects and environmental controls ensure pest-free cultivation. Nutrients like the General Hydroponics FloraPro series are applied for plant health and growth.

Fire Rock

Fire Rock Farms does not use pesticides or fungal/viroid foliar treatments in cultivation.

AYR Wellness

Trichoderma Harzianum, Peracetic Acid, Hydrogen Peroxide, Soybean Oil, Peppermint Oil, Citric Acid, Hydrogen Peroxide, Mono and Di-Potassium Salts of Phosphorous Acid, Corn Oil, Thyme Oil, BACILLUS THURINGIENSIS VAR ISRAELENIS AM 65-52 (37.40%), Azadirachtin, Mineral Oil.

Ancient Roots

Ancient Roots employs biological and organic preventative methods, specifically beneficial fungi and plant extracts, for their Integrated Pest Management program. Our plants are grown in a pure coco coir medium and receive no foliar application during any stage of cultivation.

Rosemary Oil, Citric Acid, Peppermint Oil, Kemon Grass Oil and Geranium Oil are used as an insect repellent. Other: Beauveria Bassiana

FarmaceuticalRX

FRX's IPM program focuses on cultural practices, sanitation, physical controls, and biological methods. Pesticides are used only as a last resort and are OMRI, CDFA, and WSDA certified organic. Products are selected for low environmental impact and safety.

FAQs

Q: If you spray your plants with pesticides, how am I not consuming anything with pesticides on them?

A: Nothing we use in our IPM program is systemic or translaminar. Suffoil-X, for example, degrades quickly when exposed to light and biodegrades within three weeks. Additionally, as a precaution, we stop applying chemical pesticides by day 21 of the flowering cycle. This ensures that nothing applied during flowering is present by the time of harvest. Even in the rare event of an error, all products would have fully degraded before the plants are harvested.

Q: Some of the biological controls you use are bacteria or fungi. How do you pass product testing?

A: The products we use are specifically developed with cannabis testing restrictions in mind. For instance, Regalia CG (Cultivated Garden) is formulated and manufactured to ensure no living organisms remain in the final product.

Q: Some of the biological controls you use are bacteria or fungi. Is this harmful to ingest?

A: No, the products we use are carefully selected for their incredibly low risk to human health. They are non-living at the time of application or biodegrade completely before plants are harvested.

Q: Do predators end up in the flower?

A: No, predators typically leave the plants in search of food when there is no food source to sustain them. In rare instances where pests are present, the predator population increases proportionally to address the issue and diminishes again once pests are eliminated. Additionally, we stop applying predators at specific stages of the cultivation process, ensuring they perish before harvest. Many of the predatory insects we use do not live on plants and never come into contact with the flowers.

Q: You apply pesticides—how can you claim to be organic?

A: All products used in our IPM program are OMRI-certified, CDFA-certified, or WSDA-certified at a minimum. This means they are approved for use in organic food production by USDA NOP standards. We do not, and will never, use pest control products that are non-organic or harmful to humans.