All pesticide disclosure information has been provided directly by each licensed cultivator.

**Buckeye Relief** plants are grown according to clean and sustainable cultivation standards. The following preventative substances are approved by the OMMCP and the Organic Materials Review Institute:

- Bacillus Subtilis QST713 Strain
- Gliocladium catenulatum Strain J1446
- Beauveria Bassiana
- Clarified Hydrophobic Extract of Neem
- Green Cleaner

- Mineral Oil / Petroleum Distillate
- Peroxyacetic Acid
- · Potassium Bicarbonate
- Potassium Salts of Fatty Acids
- Reynoutria Sachalinensis





Certified Cultivators strives to be the best on every level. Our primary method of Integrated Pest Management (IPM) practice incorporates the use of beneficials during all phases of growth.

As a secondary preventative measure, we use diluted Athena IPM only on the rare occasion when we observe any pressure levels. Athena IPM's primary ingredients are Citric Acid (0.05%), Peppermint Oil (1.5%), Lemongrass Oil (1.5%), and Geranium Oil (1.5%).

-Team CERTIFIED





Agri-Med Ohio strives to grow a healthy crop, that meets the highest of standards. Our Integrated Pest Management process involves maintaining a clean grow environment, keeping and growing only healthy plants that can resist pests, using beneficial micro-organisms, and organic preventative pest control. These products have been carefully selected because of their effectiveness and their lack of negative impact on the crop.

The following products may be used if needed:

Product Name	Active ingredient
Biological Control Agents	N/A—Beneficial Insects
Procidic	Citric Acid
Gnatrol WDG	Bacillus Thuringiensis ssp. israelensis
Stylet Oil	Mineral Oil
Green Cleaner	Soybean Oil, Sodium Lauryl Sulfate, Citric Acid





#### **PESTICIDE TRANSPARENCY**

BeneLeaves pesticide test results are available on each of its products. Simply use your smart phone to scan the QR code located on the Product Facts label of your purchased item. When you scan the code it will take you to Confident Cannabis test results for that product. Results include: THC, CBD and other total cannabinoid content, terpenes, pesticides, herbicides, mycotoxins, microbials, solvents,

heavy metals, and foreign matter.



Bene**Leaves** proudly purchases only TESTED cannabis for its products from the following Ohio Licensed cultivators:

- Riviera Creek
- Farkas Farms
- Cresco Labs
- Standard Wellness

Strains from each of the above vendors are used in all products manufactured by BeneLeaves .

Pesticide statements from each cultivator are attached.



## COLUMBIA CARE OHIO INTEGRATED PEST MANAGEMENT PROGRAM

Columbia Care Ohio (CCOH) uses an Integrated Pest Management (IPM) program on a regular and repeated basis. IPM programs are designed to control pests. CCOH's IPM strategy is multilayered and uses a release of predatory insects to naturally prevent infestation of our crop. If necessary, we utilize more progressive measures to ensure elimination of disease or pests to keep our products safe for consumption. All methods of our IPM program are Ohio MMCP approved for use in medical Cannabis cultivation.

CCOH's IPM program includes cultural approaches as well as Generally Regarded As Safe (GRAS) cleaning agents (non-plant uses). Our IPM program focus is proactive and preventative in nature. CCOH's IPM program ensures that plants in the facility are protected from seed to sale. CCOH goes through the effort and cost with the purpose of minimizing the risk of pest infiltration, particularly during the bloom stage of the plant cycle when the use of pesticides may pose unnecessary risks to the patient end-user.

Please see the list below of the products that may be used in CCOH's cultivation process:

Product	Use	CAS No.		
Predatory Insects	Placed on and around plants	N/A		
Bacillus thuringiensis ssp. Israelensis	Fed through the soil	N/A		
Bacillus amyloliquifaciens	Fed through the soil	68038-60-8		
Indole butyric acid (IBA)	Stem dipped one time	133-32-4		
SLS or Sodium Lauryl Sulfate	Used to help spread the sulfur to prevent fungus	151-21-3		
Isaria fumosorosea	Fed through the roots or sprayed in veg	N/A		
Peroxyacetic acid (peroxide)	Fed through roots, sprayed or dipped	79-21-0		
Cold pressed neem oil	Spray	8002-65-1,947173-77-5		

All pesticide disclosure information has been provided directly by each licensed cultivator.

#### The Botanist:

Pesticide Statement \* The Botanist/Superflux (Greenleaf) - Citric Acid, Extract of Reynoutria Sachalinensis, Peppermint Oil, Lemongrass Oil, Geranium Oil, Hydrogen Peroxide, Peroxyacetic Acid.

# VERANO

To Whom it May Concern,

Below is a list of pesticides that we currently use in our flower:

Athena IPM, Zerotol, Oxiphos & Azaguard.

Please reach out if you have any additional questions to Allen.Wilson@Verano.com

Sincerely,

MGB/Verano



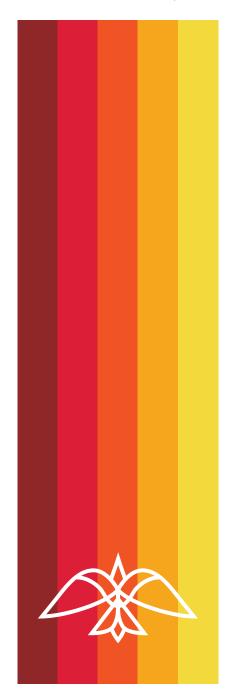
At Cresco Labs, the health of our customers, our crops and the surrounding environment is paramount. When necessary, we do use pesticides to control pest populations while minimizing the impact on people and the ecosystem. We are always exploring new methods to reduce the amount of pesticides used in our facilities.

#### Here's a list of the pesticides currently in use:

- · Harpin Protein
- Azadirachtin
- Copper Octanoate
- Chromobacterium subtsugae strain PRAA4-1T
- Potassium Salts of Fatty Acids
- Potassium Bicarbonate
- · Citric Acid
- Potassium Silicate
- Sulfur
- · Hydrogen Peroxide

- · Peroxyacetic Acid
- Bacillus thurungeinsis ssp. israelensis
- · Beauveria bassiana Strain GHA
- Streptomyces lydicus WYEC 108
- Phytoseiulus persimilis\*
- Amblyseius andersoni\*
- Chrysoperla rufilabris\*
- Aphidious colemani\*
- Steinernema feltiae\*

## FIRELANDS SCIENTIFIC PEST CONTROL PROGRAM

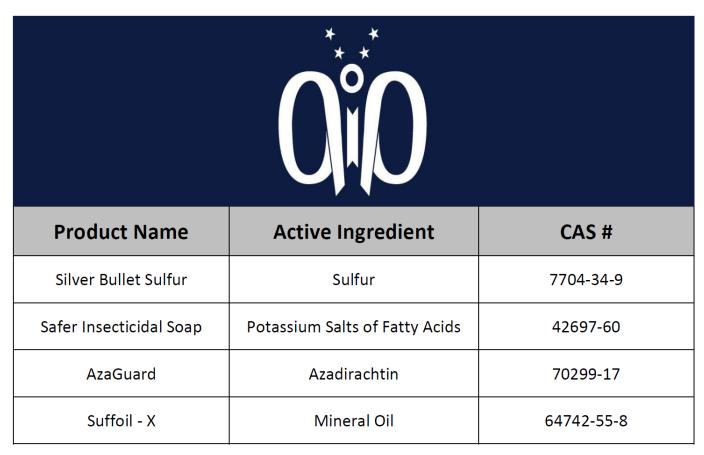


At the core of Firelands Scientific's cultivation practices is the implementation of an Integrated Pest Management (IPM) program. IPM is an intensive scouting and monitoring regimen as well as routine deployment of "good bugs" which naturally control and eliminate undesired insects. The last component of IPM is a thoughtful response plan for all plant health threats, leveraging organic preventative and reactive pest and disease treatments. All products used for IPM are compliant within the Ohio Medical Marijuana Control program.

PRODUCT	CAS NO.
Paraffinic Oil	72623-84-8
Soybean Oil	8001-22-7
Sodium Lauryl Sulfate	68585-47-7
IBA	133-32-4

All pesticide disclosure information has been provided directly by each licensed cultivator.

#### **Grow Ohio**



#### **GALENAS PESTICIDE STATEMENT**

Galenas is Ohio's only Certified Kind organic cultivator. We pride ourselves on using no synthetic chemicals during our growing process.

The only products that touch Galenas plants are:
Suffiol-X - Natural Mineral Oil

- Trichoderma Beneficial Root Organisms



All pesticide disclosure information has been provided directly by each licensed cultivator.



## **GTI Ohio, LLC**

GTI Ohio, LLC does not use any pesticides during the processing of its products. GTI Ohio, LLC partners with multiple licensed cultivators. Included, you will find a list of our partner cultivators. Please refer to each LLCs statements on pesticides for further information. If you have any further questions, please contact us at customerservice@gtigrows.com.

#### **Partner Cultivators**

Cresco Labs Ohio, LLC
Galenas, LLC
Agri-Med Ohio, LLC
Curaleaf Holding, Inc
Pure Ohio Wellness, LLC
Riviera Creek Holdings, LLC
Ascension Bio-Medical, LLC
Standard Wellness Company, LLC
Ohio Clean Leaf, LLC
Fire Rock, LTD

#### Klutch Cannabis IPM Statement

Klutch Cannabis's medical marijuana is hydroponically grown in rockwool and/or cocoa while using strict biosecurity and thorough IPM ("integrated pest management") practices. Biological and organic prevention methods are employed, and pesticides are used as a last resort, primarily during vegetation, including the following preventative applications: Beauveria bassiana strain GHA, Citric Acid, Corn Oil, Extract of Reynoutria sachalinensis, Hydrogen Peroxide, Mineral Oil, Pyrethrins, Soybean Oil, Lemongrass Oil, Peppermint Oil, Geranium Oil. All applications are approved by the OMMCP.





## GTI Ohio, LLC Pesticide Disclosure Form

GTI Ohio is committed to providing the Ohio market with the highest quality product with the focus on patient safety. To maintain this commitment, GTI's cultivation practices involve strict biosecurity protocols and a meticulous Integrated Pest Management system where biological control agents are employed, and chemical controls are used as a last resort.

GTI may use state approved pesticides in which the active inert ingredients of the pesticide product are authorized for use on crops or plants intended for human consumption by the United States Environmental Protection Agency. Included, you will find a list of our applicates we may use. If you have any further questions, please contact us at customerservice@gtigrows.com.

25b oils, T. harzianum rifai t-22 T.virens G-4, Streptomyces lydicus, Isaria fumosorosea, Reynoutria spp extract, B. amyloliquefaciens, clarified neem oil, Chromobacterium substugae, H2O2, peroxyacetic acid, Indole-3-Butyrtic Acid

:

OHIO CLEAN LEAF: Organocide BEE safe 3 in 1 Garden Spray, Green Cure, Green Cleaner, Go Gnats, Pyganic

**Ancient Roots:** Beauveria Bassiana Strain GHA; Bio-Insecticide; Metarhizium Anisopliae Strain F52; Bio-Insecticide; Pyrethrins Botanical Insecticide; Rosemary Oil Insect Repellent.



Pesticides Used	
Potassium Bicarbonate	85.0%
Organic Soybean Oil	38.0%
Organic Peppermint Oil	5.0%
Citric Acid	25.0%
Hydrophobic Extract of Neem Oi	I70.0%
Hydrogen Peroxide	27.1%
Peroxyacetic Acid	2.0%



Harvest of OH is committed to an IPM program that uses the least hazardous, but most effective tools and methods for controlling pests, that also reduces the risk to human health and the environment. We predominantly rely on beneficial insects for pest control. In addition, we utilize products that have been approved and are compliant with the Ohio Medical Marijuana Control Program (OMMCP). The approved products utilized in our facility are listed below.

#### **PRODUCT**

**JMS Stylet Oil**: applied to rooted cuttings to control fungus and pest control for Aphid and Phytophagous insects and mites.

BotaniGard Insecticide: Pest Control for plants in the vegetative state

**ZeroTol 2.0**: applied at the time of seeding or transplanting to suppress harmful, soil-born organisms and plant diseases

### List of Nutrients Used at Hemma, LLC (MMCPC00014)

- -Great White Premium Mycorrhizae, Beneficial Bacteria & Trichoderma
- -Clonex Rooting Gel
- -Jacks Nutrients 15-0-0 Calcium nitrate (15% Nitrogen)
- -Jacks Nutrients 10-30-20 (5% Nitrogen, 30% phosphate, 20% soluble potash)
- -Jacks Nutrients 5-12-26 (5% Nitrogen, 12% Phosphate, 26% Soluble Potash)
- -Magnesium Sulphate
- -NemAttack Beneficial Nematodes

All pesticide disclosure information has been provided directly by each licensed cultivator.

Currently Pure Ohio Wellness does not use any chemical pesticides including soil drenches, granular additives to the soil, foliar sprays, fogging, or any other application method. This is possible through use of beneficial insects and environmental control. We use a nutrient feeding application of General Hydroponics Florapro series of nutrients including Florapro Grow, Florapro Bloom, Florapro Calcium + Micros, General Hydroponics Cali Magic, General Hydroponics Floralicious Plus, General Hydroponics Liquid Koolbloom, and Emerald Harvest pH Up and Down. All these nutrients are applied via soil drench and are not for the purposes of pest control but provide the plants with "food" for successful growth.

Cody Neidig Head of Cultivation Pure Ohio Wellness



#### INTEGRATED PEST MANAGEMENT

Wellspring Fields grows its medical cannabis in coco coir. Wellspring Fields uses Integrated Pest Management (IPM) to guarantee the highest quality product. As part of its IPM regiment, Wellspring Fields implements preventative pest and disease treatments to create a clean final product. All pesticide usage is compliant with Ohio Medical Marijuana Program regulations.

#### The active ingredients of potential pesticides used:

Azadiractin, Citric Acid, Cinnamon Oil, Thyme Oil, Linseed Oil, Rosemary Oil, Lemongrass Oil, Cottonseed Oil, Geraniol, Peppermint Oil, Soybean Oil, Sodium Lauryl Sulfate, Clove Oil, Garlic Oil, and Corn Oil.



#### Pharmacann:

PRODUCT	EPA registration No.	
M-Pede: A.I. Salts of Potassium Fatty acids - Applied to rooted cuttings for pest control	62719-515	
SuffOil X: A. I. Mineral oil  - Applied to rooted cuttings for pest control	48813-1 -68539	
BotaniGard ES: A.I. Beauveria bassiana Strain GHA - Pest Control for plants in the vegetative state	82074-1	
Grandevo CG: A.I. Chromobacterium subtsugae strain PRAA 4-1 - Pest Control for plants in the vegetative state	84059-27	





February 3, 2020

Riviera Creek Statement:

In recent weeks, there has been discussion around the Ohio Medical Marijuana program regarding the use of pesticides in cultivation facilities. We would like to take this opportunity to address this issue.

Riviera Creek never uses pesticides of any kind in our cultivation facility. We proudly state that fact directly on the front of our package and that statement will always remain. Hopefully this letter will help ensure that our dispensary-partners completely understand our methodology.

Riviera Creek cultivates aeroponically, in one of the most advanced facilities in the country. Our nutrients are applied directly onto 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 an instance of spider mites or other type of nuisance.

Pesticides will not be used in our operation, including Neem Oil, which we consider a pesticide. We strive for perfection in creating the most quality medicine possible for the patients in Ohio, and we will continue to provide that in the cleanest and purest environment possible.

Thank you,

Riviera Creek Management

The foundation of Farkas Farms (Bullseye Gardens) cultivation standards and practices are based on a regulated and systematic Integrated Pest Management (IPM) program. We are a pesticide free facility, which implements the use of beneficial bugs as a proactive approach for IPM instead of chemicals. Listed below are Ohio Medical Marijuana Control Program (OMMCP) approved products utilized in our facility with a description of when in growing cycle it is used.



PRODUCT	CASE NO.		
*Trichoderma Harzianum Rifai Strain T-22 -Clone root dip prior to transplant 7-10 days old	67892-31-3		
*Potassium Bicarbonate -Leaf dip performed at time of new clone cutting - 0 days old	298-14-6		

Note: Asterisk(\*) notes Organic Materials Review Institute (OMRI) approved.

At Cresco Labs, the health of our customers, our crops and the surrounding environment is paramount. When necessary, we do use pesticides to control pest populations while minimizing the impact on people and the ecosystem.

We are always exploring new methods to reduce the amount of pesticides used in our facilities.

Here's a list of the pesticides currently in use:

- Citric Acid
- Hydrogen Peroxide
- Mineral Oil
- Neem Seed Extract
- Potassium Bicarbonate
- Potassium Salts of Fatty Acids

#### CRESCOLABS°



# PESTICIDE FREE



No pesticides were used in the cultivation of this greenhouse grown flower.



Powered by Standard Wellness

FRX Integrated Pest Management Program is designed around the principles of the IPM pyramid. At the foundation, our heaviest focus cultural practice and sanitation. Plant health is our first line of defense in managing pests and disease. Between soil testing, solution testing, runoff testing, and tissue testing, we take over 60 samples for each batch of plants that enter production. These samples are analyzed for all micro and macronutrients to make sure our fertilization and amendment strategies are as lean and effective as possible. This negates over-fertilization and fertilizer pollution while ensuring our plants are as healthy as possible. Plant health is complemented by a heavy focus on sanitation. All employees don clean scrubs, hairnets, and nitrile gloves while in all cultivation rooms. All cultivation rooms are cleaned and sanitized daily. No green waste is left in rooms, and all trash is removed at the end of every shift. All cultivation equipment is sanitized before it enters a cultivation room; daily if it remains in the room; and again before it leaves the room. This includes, scissors, shears, brooms, dustpans, buckets, hoses, hoseheads, vaccums, mops, squegees, stakes, scales, and meters. All cultivation rooms are sanitized from floor to ceiling before plants enter the area.

The second block in the IPM pyramid focuses on physical and mechanical control. Because of this, FRX focused heavily on biosecurity in our facility design. Cultivation rooms were built with insulated metal panels and are 100% sealed. Additionally, all rooms are positively pressured to prevent infiltration of pests and disease. We also utilize many mechanical controls in cultivation rooms. Our HVAC systems do not use any outside air and all air in cultivation spaces cycles through UV sterilization systems and HEPA filters multiple times per hour to prevent disease from manifesting in cultivation space. Both daytime and night-time environments are managed to prevent conditions that allow establishment of pests and disease. We utilize horticultural grade sticky tape, sticky traps, pheromone lures, many forms of pest traps in our IPM program. Before entering a cultivation room, all employees step into a foot bath to sanitize their shoes and wash off any pests that might be hitching a ride on shoes.

As an active control tactic, we use biological controls for both preventative and curative control of insects and disease. Predatory insects are regularly applied during all stages of growth. When pests are not present, the lack of food means that populations of predators will leave the plants in search of food and perish when they do not find any. In instances were pest make their way into a cultivation room, this population of hungry predators rises to the challenge and eradicate the intruders before they can become established. After the initial population rise of predators from the food source, again, they leave the plants in search for food and perish in their search. For disease prevention, we apply OMRI, CDFA, and WSDA certified organic products utilized in organic food production. These products strengthen our plants, coerce them into activating disease response, take up space on plant surfaces, or are hyperparasites of cannabis pathogens. All of these types of biological control products boost our plants immunity or prevent disease establishment the way nature intended.

If pests or disease somehow circumnavigate this obstacle course of IPM tactics, and establish in cultivation rooms, we will utilize chemical control. All products that we use as curative pest and disease control are OMRI, CDFA, and WSDA certified organic and pose minimal to no risk to human health. Additionally, we stop application of non-biological pesticidal products during our cultivation process at specific times so no residue will be present on our final product. All non-biological pest control products applied to our plants were specifically chosen due to their incredibly low risk of harm to our employees, quick degradation rates when exposed to light or soil, and minimal impact on the environment.

- If you spray your plants with pesticides, how am I not consuming anything with pesticides on them?
  - O Nothing we utilize in our IPM program is systemic or translaminar. Pyganic, Mpede, and Suffoil-X degrade quickly when exposed to light. Pyrethrin's half-life is 2 hours when exposed to light and Suffoil-X and M-Pede biodegrade within 3 weeks when exposed to light. Milstop is potassium bicarbonate. Both potassium and carbonate are used by cannabis plants in biological processes and both are naturally occurring in the plant at the time of consumption whether even if we did not apply Milstop. As a final tactic to prevent any residues from being left on our flower, we stop application of chemical pesticides by day 21 of the flowering cycle. This ensures that nothing that is applied to plants when flowers are present and even if a mistake is made by our IPM team, all products would have degraded well before plants are harvested.
- Some of the biological controls you use are bacteria or fungi, how do you pass product testing?
  - Many products we use are specifically developed with cannabis testing restrictions in mind. Regalia CG (Cultivated Garden) and Grandevo CG (Cultivated Garden) are formulated and manufactured in such a way that no living organisms are in the final product. We stop applying Cease before flower formation begins so that flowers are never exposed to live bacteria.
- Some of the biological controls you use are bacteria or fungi, is this bad for me to ingest?
  - No, all products are specifically chosen due to their incredibly low risk of impact on human health, are non-living at the time of application, or bio-degrade before plants are harvested.
- Do predators end up in the flower?
  - No, most times there is no food source to sustain predator populations and they leave the plants in search of food. In the rare instances where there is a food source, the initial population of predators rises proportionally in response to the food source, and again diminishes until there are no pests left, at which time they leave the plants in search of food. As an added measure of protection, we stop applying predators at specific times in our cultivation process so that they will perish before plants are harvested. Many of the predatory insects we apply do not live on plants and never touch them.
- You apply pesticides, how can you be organic?
  - Everything we use in our IPM program is OMRI certified, CDFA certified, or WSDA
    certified at a minimum. This means that all pest and disease control products we use are
    currently allowed to be used in food production by USDA NOP standards. We do not and
    will never use pest control products that are non-organic or harmful to humans.

#### PRODUCTS USED FOR PEST CONTROL AT JOHNSTOWN CURALEAF

•	Cueva /Copper Octanoate (Copper Soap, 10%) Other ingredients
•	Cease / Bacillus Subtilis QST 713 strain 1.34% Other ingredients 98.66% Total100%
•	On-Gard / Total Nitrogen (N)5.0% 5.0% Water Soluble Nitrogen Derived from: Soy Protein Hydrolysate
•	Regalia / Reynoutri Sachalinensis Extract 5% Other ingredients95% Total100%
•	Silver-Bullet / 97.86% Sulfur, 2.14% Total other Ingredients
•	Mpede / Potassium Salts of Fatty Acids 49.0% Other ingredients51% Total100.0%
•	MillStop / Potassium Bicarbonate 85% Other ingredients15% Total100%
•	Plant Therapy / Soybean oil*38.00% Peppermint Oil*0.25% Citric Acid*61.25%
•	<u>Sil-matrix</u> / Potassium Silicate 29%
•	<u>Triathlon BA</u> / Bacillus Amyloliquefaciens Strain D747* 98.85%
•	Zerotol 2.0 / Hydrogen Dioxide 27.1%, Peroxyacetic Acid 2%
•	Oxiphos / Mono- and di-potassium salts of phosphorus acid 27.1% Contains 17.7% phosphorus acid by wt. Hydrogen peroxide 14%
•	Root Shield plus / Trichoderma Harzianum RIFAI Strain T-22*
•	Botanigard 22 WP / Beauvaria Bassiana Strain GHA22%

Green Investment Partners Pesticides								
Product	Active Ingredient	Inert Ingredients	OH State Approval	EPA Reg. #	Exempt Under 40 CFR 152.25(f)	Listed Use	REI	Signal Word
Regalia Biofungicide	Reynontria sachalinensis	Not Listed	Approved	84059-3	No	P5 Fungicide Plant Growth Regulator	4 Hours	Warning
Suffoil-X	Light Paraffinic Distillate (Mineral Oil)	Not Listed	Approved	48813-1-68539	No	Insecticide Adjuvant	4 Hours	Caution
	Citric Acid, Peppermint Oil, Lemongrass Oil,	Yeast, Sodium Benzoate,						
Athena IPM	Geranium Oil	Potassium Sorbate, Water	Approved	N/A	Yes 25(b)	Insecticide, Fungicide	N/A	Caution
	Bacillus thuringiensis, subsp. israelensis and		_					
Gnatrol WDG	AM 65-52 fermentation solids and solubles	Not Listed	Approved	73049-56	No	Larvicide	4 Hours	Caution
	Trichoderma harzianum Rifai strain T-22		<u> </u>					
Rootshield WP	(a.k.a. Strain KRL-AG2)	Not Listed	Approved	68539-7	No	Biological Fungicide	4 Hours	Caution
						Adjuvant, Insecticide, Microbiocide, Fungicide,		
M-PEDE	Potassium Salts of Fatty Acids	Not Listed	Approved	10163-324	No	Soap/ Surfactant	12 Hours	Warning
Azaguard	Azadirachtin	Not Listed	Approved	70299-1	No	Insecticide Nematicide	4 Hours	Caution
Zerotol 2.0	Hydrogen Peroxide, Peroxyacetic Acid	Not Listed	Approved	70299-12	No	Microbiocide, Fungicide, Herbicide, rodentcide	1 Hour	Danger
Sanidate 5.0	Hydrogen Peroxide, Peroxyacetic Acid	Not Listed	Approved	70299-19	No	Oxidizer, Sanitizer, Disinfectant	1 Hour	Danger
Clonex Rooting Gel	Indole-3-Butyric Acid	Not Listed	Approved	79664-1	No	Rooting Hormone, Fungicide	N/A	Caution
						Oxidizer, Microbiocide, Fungicide, Herbicide,		
PERpose Plus	Hydrogen Peroxide	Not Listed	Approved	68539-15	No	Rodentcide	1 Hour	Danger
Grandevo CG (On Site, Not in Use)	Chromobacterium subtsugae strain PRAA4-1T	Sodium lauryl sulfate	Approved	84059-27	No	Bioinsecticide	4 Hours	Warning

