



What You Can't See Is Costing You: Airborne Pathogens and the Ag Yield Gap

What is the cost of ineffective, labor-intensive disinfection? Let's see...

Livestock Health and Production Losses

- U.S. livestock industries lose over \$20 billion annually to disease-related performance reductions and treatment costs (AVMA).
- Respiratory illness is the leading cause of calf mortality in U.S. beef herds, accounting for 22.5% of pre-weaning deaths (USDA NAHMS).
- Barn air in U.S. grower-finisher pig operations shows 5,000–20,000 CFU/m³ pathogen load, posing risks to animals and workers (NIOSH).

U.S. Crop Production Threats from Pathogens

- In the U.S., pests and plant diseases cause an estimated \$40 billion in crop losses each year (USDA).
- Corn, soybeans, and wheat are the most affected by soilborne fungi, bacterial blight, and viruses, resulting in average yield reductions of 10–25% depending on the region (USDA-ARS).

HVAC Systems and Indoor Air in Ag Facilities

- A study of North American swine barns found HVAC coil biofilms accumulating up to 35,000 CFU/cm² within weeks (NIOSH).
- Contaminated barn air significantly contributes to respiratory infections in confined livestock environments, affecting productivity and veterinary costs (NIH).

Food Safety and Market Vulnerability

- The recent avian influenza outbreak in the U.S. resulted in the culling of over 58 million birds and led to a 70% increase in wholesale egg prices (USDA ERS).
- Recurring Listeria and Salmonella outbreaks linked to poorly sanitized packing and storage areas have resulted in multiple national recalls (CDC).

Keep reading to see the solution >



+1-888-997-4310



info@securelogicusa.com



securelogicusa.com

Reach Every Corner. Protect Every Acre.

Touch-Free, Full-Coverage Disinfection for Ag Facilities

Stop chasing pathogens with wipes and sprayers. Automate your clean with precision misting.

What It Is:

AgGriGuard Mist™ and InRoom™ Mist Systems are an integral part of the Genesis 360Mist™ Product line. self-contained, automated misting units that disperse **BotaniMax** into the air and across all exposed surfaces—no labor, no downtime, no recontamination.

Why It Works:

- **Ultra-Fine Droplet Technology** – Delivers full-area coverage without soaking surfaces or damaging equipment.
- **Dual Action** – Kills pathogens in the air and on surfaces in a single cycle.
- **Low-Contact Angle (4–12%)** – Ensures even spreading and high cling to surfaces.
- **Fully Programmable** – Set custom disinfection schedules, daily, hourly, or between shifts.
- **Mobile or Stationary** – Use as a fixed unit in production zones or a mobile unit between barns, processing rooms, or greenhouses.

Introducing AgGriGuard



By Secure Logic

**Peace of Mind
at the Push of
a Button**

Application Examples:

- Seed treatment and handling facilities
- Indoor crop environments
- Animal birthing and nursery areas
- Veterinary and milking stations
- Vertical farms and aquaponics



+1-888-997-4310



info@securelogicusa.com



securelogicusa.com

HVAC Disinfection, Reimagined!

Your HVAC system could be your biggest contamination risk. Genesis 360 contains pathogens at the source.

GENESIS³⁶⁰
Misting Systems

Powered By  *Disinfection Reimagined!*
www.securelogicusa.com



At the core of the Genesis 360 system is our proprietary micro-nozzle technology, engineered to produce one of the smallest, most uniform droplet sizes in the industry. This ultra-fine mist allows BotaniMax to suspend longer in the air, reach deep into crevices, vents, and equipment, and adhere to surfaces with a low contact angle for superior coverage. The result is a dry, residue-free application that maximizes pathogen kill rates while protecting sensitive electronics, animal enclosures, and plant environments.

Why It Matters:

- Up to 80% of air recirculated in animal housing and grow rooms can carry microbial contaminants (AEM, 2023).
- Mold, bacteria, and viruses thrive in damp ducts and coils, spreading facility-wide.
- Poor indoor air quality decreases livestock performance and plant yield.

What It Does:

- **Automated HVAC-Integrated Misting** – Genesis 360Mist™ infuses your air-handling systems with ultra-fine BotaniMax mist, keeping coils, ducts, and vents clean from biofilm and buildup.
- **Continuously Reduces Pathogen Load** – Kills airborne pathogens before they circulate back into your facility.
- **Extends HVAC Lifespan** – Reduces moisture damage, corrosion, and airflow restrictions caused by biological growth.
- **Quiet & Maintenance-Free** – Set it and forget it. Minimal upkeep, maximum performance.

Genesis Disinfection Roster



BotaniMax™



AgGriGuard™
Mist



360HVAC™
Mist

Application Examples:

- Animal housing and nursery air systems
- Post-harvest storage buildings
- Climate-controlled seed and propagation areas
- Packhouses and processing facilities
- Greenhouses and hydroponic HVAC setups
- Offices, PPE Storage Areas, Breakrooms, etc.

Learn More.
Visit us online.
Scan the QR code



+1-888-997-4310



info@securelogicusa.com



securelogicusa.com

The First EPA-Registered Botanical Disinfectant for Agriculture

BROAD SPECTRUM DISINFECTANT, EMERGING VIRAL PATHOGEN, TIER 3 ANTIMICROBIAL.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

HOSPITAL/HEALTH CARE
FOR USE AS A HOSPITAL DISINFECTANT VIRUCIDE*, DEODORIZER/CLEANER:
1. Pre-clean surface. 2. Apply solution to disinfect hard, non-porous surfaces with a sponge, brush, cloth, mop, auto scrubber, mechanical spray device, hand pump trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. 3. Treated surfaces must remain visibly wet for 10 minutes. 4. Wipe dry with a clean cloth or allow to air dry. Rinsing of floors is not necessary unless they are to be waxed or polished.

CLEANING AND DISINFECTING HARD, NON-POROUS SURFACES ON PERSONAL PROTECTIVE EQUIPMENT:
Pre-clean equipment. Apply solution to surfaces of the respirator with a sponge, brush, cloth, by mechanical spray device, hand pump trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Rub with brush, cloth, or sponge. Treated surfaces must remain visibly wet for 10 minutes. Remove excess solution from equipment prior to storage. The user must comply with all OSHA regulations for cleaning respiratory protection equipment (29 CFR 1910.134).

BOTANICAL HVAC COIL DISINFECTANT & FUNGICIDE.
FOR USE AS A CLEANER, FUNGICIDE AND DISINFECTANT ON COILS:
For use on HVAC and/or Cooling tower coils to prevent fouling, mild and odor causing bacteria growth. 1. Turn off system associated with coil. 2. The system must be inspected and cleaned with BotaniMax and duct work required to ensure that the system is in sound mechanical condition prior to cleaning the coil. 3. Apply Ready-to-Use BotaniMax to clean the coil, using brush or towel. 4. Apply Ready-to-Use BotaniMax to disinfect coil surfaces with a sponge, brush, cloth, by immersion, mechanical spray/mist device, hand pump trigger spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. 5. Treated surfaces must remain visibly wet for 10 minutes. 6. Let drain and dry. 7. Use as needed to clean and disinfect coils.

ANIMAL PREMISES
DIRECTIONS FOR USE IN LIVESTOCK -PRODUCING AND/OR HOUSING FACILITIES:
For Initial Disinfection: 1. Empty all troughs, racks, and other feeding and watering appliances. 2. Remove all gross soil from walls to ceilings of livestock housing facilities and other areas occupied or traversed by livestock. 3. Thoroughly pre-clean all surfaces with BotaniMax. 4. For animal pathogen control close off room to contain BotaniMax, then thoroughly saturate with BotaniMax, using spraying or misting methods. 5. Allow all treated areas to remain visibly wet for at least 10 minutes. 6. After cleaning/limeless equipment used for maintaining facilities in the BotaniMax and let dry. Allow to remain in contact for 10 minutes.
For Maintenance to Control Animal Pathogens: 1. For animal pathogen control close off room to contain BotaniMax, then thoroughly saturate area with BotaniMax, using spraying or misting methods. 2. Allow all treated areas to remain in contact with the solution for at least 2 minutes. 3. Recommend applying BotaniMax at least twice per week to control animal pathogens. Livestock includes, but is not limited to cattle, horses, sheep, swine, poultry, reptiles and rodents.

NET CONTENTS:
128 Fl. Oz.

EPA Reg. No. 92089-2-103661
EPA Est. No. 92089-GA-177268-AL-1



**KILLS THE
SARS-CoV-2
THE VIRUS THAT CAUSES
COVID-19**

**CLEANER • DISINFECTANT • DEODORIZER
BACTERICIDE • VIRUCIDE* • FUNGICIDE** • FUNGISTAT**

Active Ingredient:
Citric Acid 2.06%
Other Ingredients:
97.94%
Total:
100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for First Aid Statements and
Additional Precautionary Statements.

DIRECTIONS FOR USE IN HATCHERY ROOMS, INCUBATORS AND HATCHER FACILITIES:
For Initial Disinfection: 1. Empty all troughs, racks, and other feeding and watering appliances. 2. Remove all gross soil from walls to ceilings of facilities. 3. Thoroughly pre-clean all surfaces with BotaniMax. 4. For animal pathogen control close off room to contain BotaniMax, then thoroughly saturate with BotaniMax, using spraying or misting methods. 5. Allow all treated areas to remain in contact with the solution for at least 10 minutes. 6. After cleaning/limeless equipment used for maintaining facilities in the BotaniMax and let dry. Allow to remain in contact for 10 minutes.
For Maintenance to Control Animal Pathogens: 1. For animal pathogen control close off room to contain product, then thoroughly saturate area with BotaniMax, using spraying or misting methods. 2. Allow all treated areas to remain in contact with the solution for at least 2 minutes. 3. Recommend applying BotaniMax at least twice per week to control animal pathogens.

DEODORIZING/CLEANING/DEGREASER
FOR USE AS A CLEANER AND/OR DEODORIZER AND/OR DEGREASER: Apply a use solution of 2 fl. oz. of this product per gal. of water or equivalent use dilution to hard, non-porous surfaces. Wipe up excess liquid with a paper towel and allow to air dry. For heavy-duty use, add mix 4 fl. oz. of this product per gal. of water to clean hard, non-porous surfaces.
TO CLEAN/REMOVE SOAP SCUM: Apply a use solution of 2 fl. oz. of this product per gal. of water onto soaps and wipe clean with a dry paper towel of lint-free cloth or microfiber cloth or sponge. No rinsing necessary. Repeat for visibly soiled areas. For stubborn stains or visibly soiled areas or tougher jobs, allow product to penetrate dirt and or soap scum before wiping. For best results, use regularly to prevent dirt and soap scum build-up.
GENERAL DEODORIZATION: To deodorize, apply 2 fl. oz. of this product per gal. of water or equivalent use dilution to hard, non-porous surfaces. Wipe up excess liquid with a paper towel and allow to air dry.
GLASS CLEANING/DEODORIZING DIRECTIONS: Use a 2 fl. oz. of this product per gal. of water use solution to clean and deodorize windows, mirrors, and glass surfaces. Use a coarse spray device. For spray applications, spray 6-8 inches from surface. Do not breathe spray. Rub with sponge or cloth. Change cloth, sponge or towel frequently to avoid re-deposition of soil.
GENERAL DEGREASER: To degrease, apply 2 fl. oz. of this product per gal. of water or equivalent use dilution to hard, non-porous surfaces. Wipe up excess liquid with a paper towel and allow to air dry.

STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage and disposal.
PESTICIDE STORAGE: Store only in original container. Keep this product under locked storage sufficient to make it inaccessible to children or persons unfamiliar with its proper use.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available or place in trash.
FIRST AID
In case of emergency, call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS. CAUTION: May cause eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Do not mix with bleach or midstream stain removers as irritating fumes may result.

DISTRIBUTED BY:
SECURE LOGICUS, LLC
1221 Basso Lake Dr.
New, LA 70060
92671 77341

Protect your people, animals, and crops with nature's most effective defense.

Key Benefits:

- 100% Plant-Derived Formula**
 - Made with thyme, wintergreen, and citrus oils—no synthetic chemicals or harsh residues.
- EPA-Registered (25c)**
 - Fully compliant, approved for use in animal production, crop facilities, and food contact areas.
- 6-Log Kill Rate**
 - Destroys 99.9999% of bacteria, viruses, and fungi including E. coli, Salmonella, Listeria, and avian influenza.
- Multi-Modal Action**
 - Attacks pathogens through multiple mechanisms, preventing resistance over time.
- Safe for Daily Use**
 - No PPE required. Non-toxic to humans, animals, and the environment.
- Compounding Disinfection Effect**
 - Gets more effective with consistent use, building long-term protection with each application.

EPA, FDA FIFRA Recognized product:

- 40 CFR 180.910 / 40 CFR 180.920**
- FIFRA 25 B**
 - For use on growing crops or raw agriculture products after harvest.
- CFR 180.930 for use on animals.**

Applications:

- Livestock pens & poultry houses
- Crop and greenhouse grow rooms
- Food storage, packing, and processing areas
- Equipment, trailers, and tool disinfection
- Feed and grain storage bins
- Offices, barns, sheds, and more

**Contact us
to get
started
today!**



+1-888-997-4310



info@securelogicausa.com



securelogicausa.com