



Knox County Board of Commissioners

Drenda Keesee

Barry Lester

Bill Pursel

Clerk/Executive Assistant
Penny Doyle

County Administrator
Jason Booth

Budget Analyst
Robin Santo

January 27, 2026

Jonathan Shields, Agriculture Inspection Manager
Ohio Department of Agriculture, Division of Plant Health
8995 East Main Street
Reynoldsburg, OH 43068

RE: Knox County Spongy Moth Treatments

Dear Mr. Shields:

We hereby acknowledge that we have received the information for the spongy moth treatment in Knox County, scheduled for spring 2026.

The information you provided will be posted on the Knox County website for public viewing.

Sincerely,

Knox County Board of Commissioners

A handwritten signature in blue ink, appearing to read "Bill Pursel".

Bill Pursel

A handwritten signature in blue ink, appearing to read "Barry Lester".

Barry Lester

A handwritten signature in blue ink, appearing to read "Drenda Keesee".

Drenda Keesee



January 14, 2026

Knox County Commissioners

Dear: Commissioners,

We are writing to inform you about spongy moth treatments planned in your area this spring and invite you to attend a virtual informational open house.

Ohio Department of Agriculture (ODA) wants to ensure that you and your staff are well informed to answer any questions from the public. Copies of the fact sheets, insecticide label, MSDS, and a map of the treatment area(s) are enclosed for your reference.

Spongy moth caterpillars feed on leaves, weakening trees and shrubs and potentially killing them. ODA has determined there is a growing population in your area and a control treatment is needed. The treatments are not harmful to humans, animals, honeybees, or plants.

ODA will hold a series of VIRTUAL OPEN HOUSES to explain the various treatments to the public. General and region-specific information will be discussed at each meeting, you are welcome to attend any:

Virtual Open Houses:

Wednesday, February 18th, 6:00 pm

Thursday, February 19th, 12:00 pm

Links to the virtual open houses will be available one week prior on the homepage of agri.ohio.gov.

If an individual would like to make a public comment, but cannot attend an open house, they can e-mail plantpest@agri.ohio.gov or submit by mail to the address above. The official public comment period is open until February 28, 2026.

Prior to the treatment occurring, ODA will supply more specific information about the timing via social media, postcards, news releases and signage placed in the neighborhoods where the treatments will occur.

Detailed information about the spongy moth program and treatments is also available at <https://agri.ohio.gov/SpongyMoth>. Please feel free to call with any questions at (614) 728-6400.

Sincerely,

Jonathan Shields, Agriculture Inspection Manager
Ohio Department of Agriculture, Division of Plant Health



**Department of
Agriculture**

SPLAT

GM-OTM

For Mating Disruption of
Lymantria dispar, gypsy moth

SPLAT (Specialized Pheromone & Lure Application Technology) is an amorphous polymer matrix for the sustained release of insect pheromones. SPLAT GM-O provides control by disrupting mating behavior.



For Organic Production

ISCA

ACTIVE INGREDIENT:

Disparlure

(Z)-7,8-Epoxy-2-methyloctadecane:

13.00%

OTHER INGREDIENTS:

87.00%

TOTAL:

100.00%

Net Contents: _____ Lbs _____ Kg

Batch Number: _____

EPA Reg. No. 80286-12

EPA Est. No. 80286-CA-004

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID STATEMENT

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 poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Wash skin immediately with soap and water, then rinse with plenty of water for 15-20 minutes.

IF SWALLOWED:

- Call poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

HOTLINE NUMBER

National Pesticides Information Center: Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time (NPIC Web site: www.npic.orst.edu).

See side/back panel for additional precautionary statements.

PRECAUTIONARY STATEMENTS	
HAZARDS TO HUMANS AND DOMESTIC ANIMALS. CAUTION: Causes moderate eye irritation. Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash before use.	
PERSONAL PROTECTIVE EQUIPMENT (PPE): Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. Follow the manufacturer's instructions for cleaning maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.	
ENVIRONMENTAL HAZARDS: For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Incidental applications to water under the forest canopy are not considered to be a direct application to water, but should be avoided if practicable. Spray valves must be shut off when passing over surface water not under the canopy. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.	
DIRECTIONS FOR USE	
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Always consult your pest control advisor, distributor or ISCA Technologies, Inc. for advice regarding the use of SPLAT GM-O .	
GENERAL	SPLAT GM-O uses the pheromone of the gypsy moth (<i>Lymantria dispar</i>), to disrupt adult moth mating and thus reduce larval damage to trees.
TARGET PEST	Gypsy Moth (<i>Lymantria dispar</i>)
AREA-WIDE CONTROL	This product is only for use in wide-area gypsy moth control programs sponsored by government entities. Areas of application include, but are not limited to: forests; residential, municipal, and shade tree areas; recreational areas such as campgrounds, golf courses, parks, and parkways; ornamental and shade trees; shelterbelts, rights-of-way; and other easements. Area-wide or wide-area application of SPLAT GM-O is most effective. The efficacy of any mating disruption strategy will be reduced by the influx of adults from surrounding areas. It is for this reason that mating disruption works increasingly well with larger acreages, where the ratio of exposed borders to overall area treated is reduced. Always make application of SPLAT GM-O in consultation with your pest control advisor, distributor, or ISCA Technologies, Inc. No intentional food uses are permitted. However, an exemption from the requirement of a tolerance is established for residues of (Z)-7,8-epoxy-2-methyloctadecane (Disparlure) on all food and feed crops that occur when it is used to treat trees, shrubs, and pastures and such use results in unintentional spray and drift to non-target vegetation including non-food, food, and feed crops.
MONITORING	Monitor for pests on a regular basis so that timely intervention with insecticides or alternative controls are possible. Use gypsy moth pheromone-baited monitoring traps made by ISCA Technologies or other suitable traps to monitor the presence of male moths, their emergence and their movement. Place monitoring traps before applying SPLAT GM-O to determine the infestation level. Continue monitoring throughout the season to evaluate efficacy and longevity of the pheromone application. Monitor treated plots for the target pest. Implement supplementary control measures if the pest population densities are above economic threshold levels.
APPLICATION TIMING	Apply SPLAT GM-O anytime in the two weeks preceding male flight and adult activity. Additional applications may be made if populations exceed the economic threshold. Consult your pest control advisor, distributor, or ISCA Technologies, Inc. for proper application timing.
APPLICATION CONDITIONS	Apply SPLAT GM-O when the ambient air temperature is above 50°F. SPLAT GM-O will cure within 3-4 hours following application, after which it will become rain fast and UV resistant. Do not apply if rain is expected within 1-2 hours of application or the temperature is outside of this range.
APPLICATION RATE	The application rate of SPLAT GM-O ranges from 23 grams to 230 grams of undiluted product per acre. This is equivalent to 3 grams to 30 grams of pheromone active ingredient (AI) per acre. Do not exceed 150 grams of AI per acre per year for multiple applications.
PREPARATION FOR USE	Always check SPLAT GM-O 24 hours before using. If SPLAT GM-O has been stored in a refrigerated area and has hardened, allow at least 48 hours at room temperature to achieve a workable consistency. Always mix SPLAT GM-O thoroughly before use: a drill with a paint mixing paddle or similar device works best. Avoid mechanical mixing with sharp blades, which come into contact with the plastic container as this can introduce shards of plastic into the SPLAT GM-O formulation, which might interfere with product flowability and application.
APPLICATION EQUIPMENT	SPLAT GM-O is applied either aerially or by ground with conventional application systems pressurized either by centrifugal pumps or positive displacement pumps, pressurized gas

	cylinders, or a combination of both. The flow of SPLAT GM-O product can be controlled with agricultural-type solenoids. Calibrate applications based on volume output and application speed and swath area treated. Do not apply this product through any type of irrigation system. SPLAT GM-O can also be applied manually using other devices like a metered dosing gun. To ensure proper application, consult your pest control advisor, distributor, or ISCA Technologies, Inc.
POINT SOURCE SIZE, PLACEMENT, AND SPACING	For ground applications, SPLAT GM-O dollop size can be varied depending on pest population and duration of control desired. A dense infestation will require a higher density of point sources to achieve optimal mating disruption. With aerial applications, there is less control over the variation in droplet size and there will be a range from approximately 300 to 2000 microns in size. When SPLAT GM-O is sprayed on the tree canopy at 46 grams per acre (6 grams AI per acre), the range in droplet size will usually be 300 to 1000 microns. This will provide area-wide, season-long management of low-density populations. To ensure proper application, please consult your pest control advisor, distributor, or ISCA Technologies, Inc.
CLEANING EQUIPMENT	Clean equipment with water and citrus or limonene detergents.
STORAGE AND DISPOSAL	
Do not contaminate water, food or feed by storage or disposal.	
PESTICIDE STORAGE	Store product sealed and refrigerated, if possible. If refrigerated, do not store with food. If refrigeration is not available, store product in a cool dry place, out of direct sunlight. Do not exceed 75°F for long-term storage. Avoid freezing. In case of leak or spill, wipe with paper towel and dispose of waste when product hardens.
PESTICIDE DISPOSAL	Wastes resulting from the use of this product may be disposed of on site or at an approved waste facility.
CONTAINER DISPOSAL	Nonrefillable container. Do not refill or reuse this container. Triple rinse (or equivalent) promptly after emptying. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.
WARRANTY AND LIMITATION OF DAMAGES	
Read all directions carefully. All statements concerning the use of this product apply only when used as directed. ISCA Technologies warrants that this material conforms to the specifications on the label and is reasonably fit for the intended purpose referred to on the label. To the extent consistent with applicable law, ISCA Technologies makes no other express or implied warranty of merchantability or fitness for a particular purpose or any other express or implied warranty.	

ISCA Technologies, Inc. 1230 Spring St., Riverside, CA, 92507 951-686-5008 www.iscatech.com



A NIST, NIH, USDA, NSF, US Air Force, US Army, and Vodafone research award recipient company

SPLAT[®]

GM-O

Frequently Asked Questions

What Is SPLAT GM-O?

SPLAT GM-O is an organic, non-toxic, biodegradable formulation for the control of Gypsy Moth (*Lymantria dispar*) using Mating Disruption. It is made entirely of food grade materials and has the consistency of hand cream. SPLAT GM-O uses pheromone, an effective and safe method to control Gypsy Moth without impacting other insects, mammals or the surrounding environment.

What Are Pheromones?

Pheromones are non-toxic compounds that insects use to communicate, similar to the way humans use language. Applying pheromone to a field confuses the insects, removing their ability to mate and controlling populations in a completely non-lethal manner.

What Is Mating Disruption?

Mating disruption is a mechanism for insect control that utilizes species-specific pheromones to disrupt the life cycle of insects. Confusing insects and removing their ability to mate controls populations without the use of toxic chemicals.

How Will SPLAT GM-O Be Applied?

SPLAT GM-O is almost always applied aerially. Airplanes or helicopters flying 100 to 200 feet above treetops will spray SPLAT GM-O over areas where gypsy moth control is desired.

How Much SPLAT GM-O Will Be Used?

Each year, 46 grams of SPLAT GM-O per acre of forest is used on average to control Gypsy Moth.

ISCA TECHNOLOGIES, INC.
1230 Spring Street, Riverside, California 92507, U.S.A.

Page 1 of 2



A NIST, NIH, USDA, NSF, US Air Force, US Army, and Vodafone research award recipient company

This is approximately equivalent to three tablespoons of sugar being spread over an acre of forest, the same amount found in a can of Coca-Cola.

Is SPLAT GM-O Harmful To Humans Or Animals?

No, SPLAT GM-O is completely non-toxic and harmless to humans and animals. All of the ingredients in SPLAT GM-O are listed by the Environmental Protection Agency (EPA) as safe and have been approved for food use.

Is SPLAT GM-O Harmful To The Environment?

No, SPLAT GM-O is completely non-toxic and harmless to the environment. SPLAT GM-O is a biodegradable formulation specifically targeted at the Gypsy Moth. It will not affect other insects or wild life.

Is SPLAT GM-O Organic?

Yes, SPLAT GM-O is certified organic by the EPA. In 2017, ISCA also expects to receive organic certification from the Organic Materials Review Institute (OMRI).

What If SPLAT GM-O Lands on My Car or Lawn?

SPLAT GM-O will not harm the paint of your car. If you notice SPLAT GM-O droplets on your car, wash it with a mild detergent and water like you would with road grime. SPLAT GM-O will not harm your lawn and will immediately start biodegradation into the soil. If SPLAT GM-O happens to rub off on clothing, it can be washed with hot water and laundry detergent.

SPLAT GM-O is non-toxic. If children and/or pets playing on lawns are exposed to SPLAT GM-O, simply wash the affected surface with soap and water.



Safety Data Sheet

SPLAT GM-O

Version 2.2019

Section 1: Identification

Product Name: SPLAT GM-O

Product Code: SPLAT GM-O

Recommended Use: For selective control of the gypsy moth, *Lymantria dispar*.

Manufacturer: ISCA Technologies, Inc.

1230 W. Spring Street

Riverside, CA 92507

USA

info@iscatech.com

Emergency Phone Number: +1-951-686-5008

Section 2: Hazard Identification

UN GHS Classification and Hazard Statement:

H303 - May be harmful if swallowed

H313 - May be harmful in contact with skin

Hazard Pictograms: N/A

Signal Word: Warning

Precautionary Statements:

P102 - Keep out of reach of children

P103 - Read label before use

P264 - Wash hands, forearms, and exposed areas thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product

P280 - Wear eye protection, protective clothing, protective gloves

P301+P330 - IF SWALLOWED: Rinse mouth.

P302+P352 - IF ON SKIN: Wash with plenty of water

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact

lenses, if present and easy to do. Continue rinsing

P312 - Call a POISON CENTER or doctor if you feel unwell

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention

P337+P313 - If eye irritation persists: Get medical advice/attention

P362+P364 - Take off contaminated clothing and wash it before reuse.

P235 - Keep cool

P501 - Dispose of contents/container according to local, regional, national, and international regulations

Section 3: Composition/Information on Ingredients

Name	CAS #	Molecular Mass	Molecular Formula	Chemical Name
Disparlure	29804-22-6	282.5	C ₁₉ H ₃₈ O	(cis)-7,8-epoxy-2-methyloctadecane
Oil, wax and water emulsions	Not applicable	Not applicable	Not applicable	Not applicable

Section 4: First Aid Measures

If swallowed: Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by poison control center or doctor. Do not give anything to an unconscious person.

If on skin: Take off contaminated clothing. Wash skin immediately with soap and water, then rinse with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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 poison control center or doctor for treatment advice.

If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.

Notes to physician: All treatments should be based on signs and symptoms observed in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.



Safety Data Sheet

SPLAT GM-O

Version 2.2019

Section 5: Firefighting Measures

Suitable extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Potential hazardous products of combustion: Carbon dioxide, carbon monoxide, smoke, fumes, unburned hydrocarbons, and other products of combustion.

Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.

Section 6: Accidental Release Measures

In case of leak or spill, wipe with oil-absorbent towels and dispose of waste as indicated in Section 13. Clean with water and citrus or limonene-based detergents.

Section 7: Handling and Storage

Storage: Store product in sealed containers in a cool dry place, out of direct sunlight. For optimal shelf life, keep refrigerated. Do not exceed 75°F (25°C) for long-term storage. Do not freeze. Do not store with food.

Incompatible materials: Keep away from heat, oxidizers and strong acids.

Section 8: Exposure Controls/Personal Protection

Engineering controls: Safety shower and eye wash.

Personal protective equipment: Applicators and handlers must wear long-sleeved shirts, long pants, socks, shoes, and waterproof gloves. Protective eyewear is recommended. Follow the manufacturer's instructions for cleaning and maintaining PPE. If no such instructions are available for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

General hygiene measures: Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid contact with skin, eyes or clothing. Remove contaminated clothing and wash before reuse.

Section 9: Physical and Chemical Properties

Physical state: Thick liquid

Color: Gray

Odor: Waxy, fatty

pH: Not available

Melting point: Not available

Boiling point: > 100°C

Flash Point: Not available

Specific Density: 0.90 ± 0.01 g/mL at 25°C

Partition coefficient n-octanol/water: Not available

Solubility: Partially soluble in water

Vapor Pressure: Not available

Section 10: Stability and Reactivity

Reactivity: No dangerous reaction known under conditions of normal use.

Chemical stability: Stable under normal temperatures and pressures.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: High temperatures and live electrical circuits.

Incompatible materials: Oxidizing agents, strong acids.

Hazardous decomposition products: None known.

Section 11: Toxicological Information

Not available.

Section 12: Ecological Information

For terrestrial uses only. Do not contaminate water during application, disposal, or equipment cleanup.



Safety Data Sheet

SPLAT GM-O

Version 2.2019

Section 13: Disposal Considerations

Pesticide disposal: To avoid waste, use all material in this container by application according to label directions. If waste cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by regional or local governments or by industry).

Container handling: Non-refillable container. Do not refill or reuse this container. Scrape any remaining product out of the container with a spatula or other appropriate tool. Triple rinse promptly after emptying, then puncture container. Offer for recycling, if available, or dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by regional and local ordinances.

Observe all national, regional, and local environmental regulations.

Section 14: Transport Information

Transport in accordance with local, state and federal regulations.

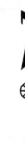
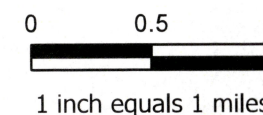
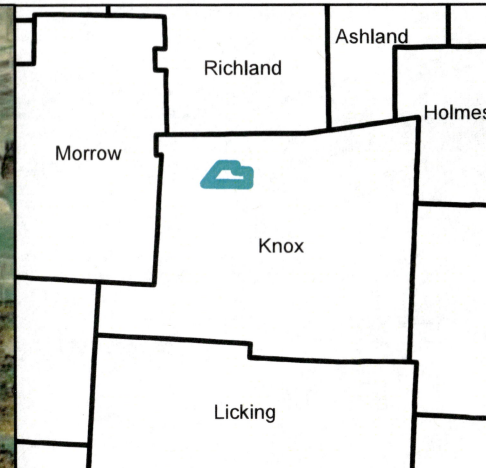
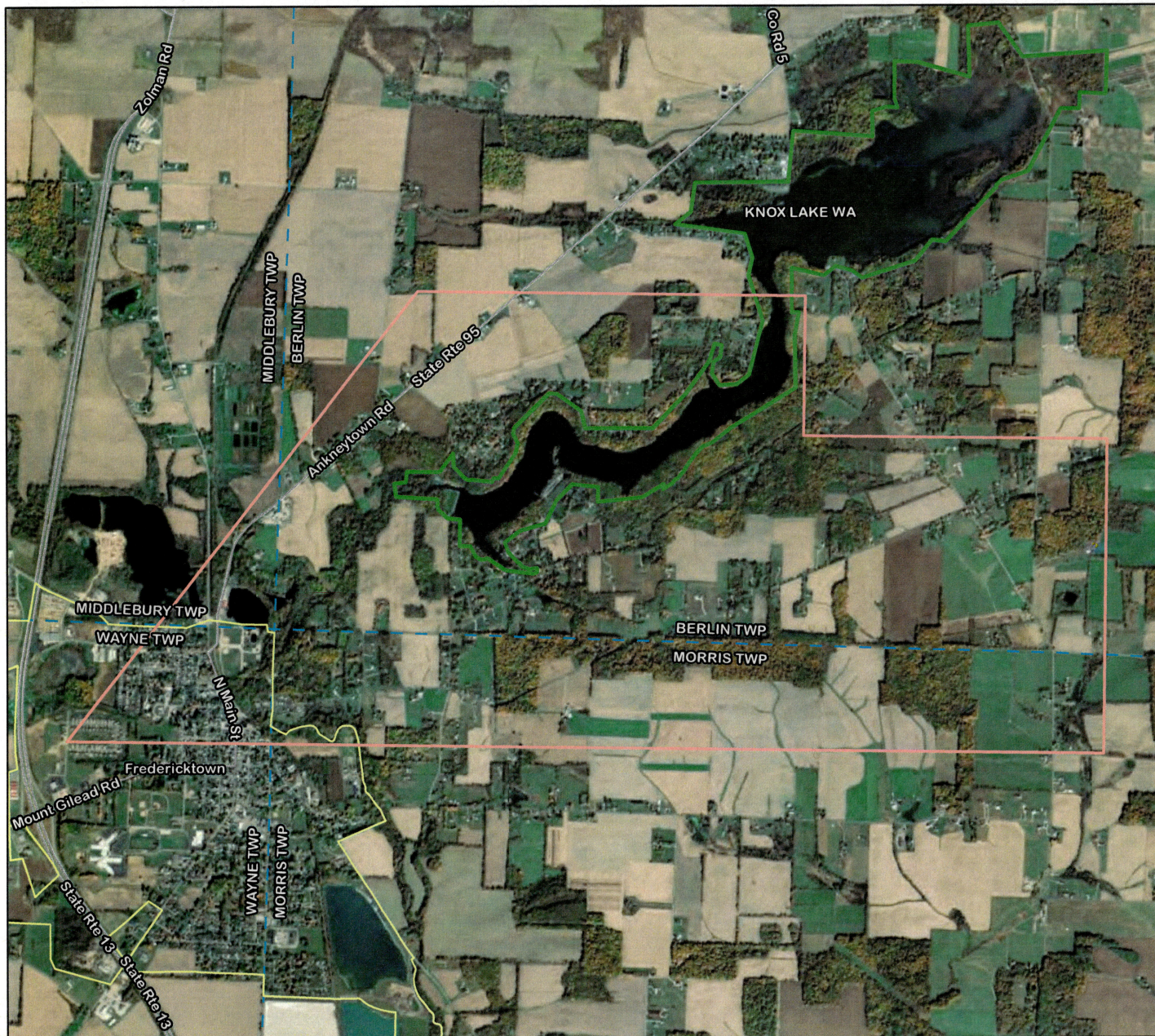
Section 15: Regulatory Information

Not available.

Section 16: Other Information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. ISCA Technologies, Inc. shall not be held liable for any damage resulting from handling or from contact with the above product. Furthermore, ISCA Technologies, Inc. assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer indicated in Section 1.

SDS revision date: 1 November 2019



SPONGY MOTH PESTICIDE TREATMENT AREAS

Knox, State Of Ohio
Treatment Name: OH_Fredericktown_MD
Product Name: SPLAT

Prepared By:



Date:

12/23/2025 11:37 AM

Legend

- Municipal Line
- Township Line
- County Line
- State Lands
- Federal Lands
- Treatment Area
- Primary Road