



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 25, 2022

Donna Bishel  
Director of Regulatory Affairs  
BioSafe Systems  
22 Meadow Street  
East Hartford, CT 06108

Subject: Non-PRIA (Pesticide Registration Improvement Act) Labeling Amendment – Revise claims; Add new claims; Add new directions for poultry use; Add/delete optional claims  
Product Name: NoMAS  
EPA Registration Number: 70299-30  
Application Date: 01/26/2022  
OPP Case Number: 00338422

Dear Ms. Bishel:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable.

This approval does not affect any terms or conditions that were previously imposed on this registration. You continue to be subject to existing terms or conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release this product for shipment with the new labeling. In accordance with 40 CFR § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR § 152.3.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the U.S. Environmental Protection Agency (EPA). If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration

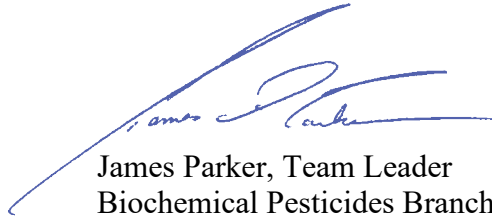
Page 2 of 2  
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OPP Case No. 00338422

process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6.

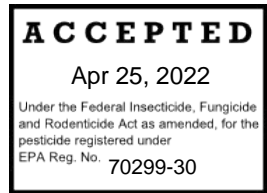
If you have any questions, please contact Susannah Powell via email at [powell.susannah@epa.gov](mailto:powell.susannah@epa.gov)

Sincerely,



James Parker, Team Leader  
Biochemical Pesticides Branch  
Biopesticides and Pollution  
Prevention Division (7511P)  
Office of Pesticide Programs

Enclosure



**MASTER LABEL**

**NoMAS  
Insect Repellent Oil**

**SUBLABEL A: AGRICULTURAL AND COMMERCIAL USE**

FOR USE ON POULTRY AND LIVESTOCK SUCH AS: BEEF, DAIRY CATTLE, HORSES, PONIES, MULES, DONKEYS, AND SWINE.

TO PROTECT AGAINST AND REPEL STABLE FLIES, HORN FLIES, HOUSE FLIES, TICKS AND LICE ON LIVESTOCK AND RED MITE (DERMANYSSUS GALLINAE), NORTHERN FOWL MITE (ORNITHONYSSUS SYLVIARUM), DEPLUMING ITCH MITE (KNEMIDOCOPTES GALLINAE) AND SCALY LEG MITE (KNEMIDOKOPTES MUTANS) ON POULTRY. FOR POULTRY RAISED ON LITTER, USE TO CONTROL LITTER BEETLE INFESTATIONS.

**SUBLABEL B: RESIDENTIAL USE**

FOR USE ON POULTRY AND LIVESTOCK SUCH AS: BEEF, DAIRY CATTLE, HORSES, PONIES, MULES, DONKEYS, AND SWINE.

TO PROTECT AGAINST AND REPEL STABLE FLIES, HORN FLIES, HOUSE FLIES, TICKS AND LICE ON LIVESTOCK AND RED MITE (DERMANYSSUS GALLINAE), NORTHERN FOWL MITE (ORNITHONYSSUS SYLVIARUM), DEPLUMING ITCH MITE (KNEMIDOCOPTES GALLINAE) AND SCALY LEG MITE (KNEMIDOKOPTES MUTANS) ON POULTRY.

**ACTIVE INGREDIENTS:**

Octanoic Acid.....5.00%  
Nonanoic Acid.....5.00%  
Decanoic Acid .....5.00%

**OTHER INGREDIENTS:**.....85.00%

**TOTAL:**.....100.00%

**Manufactured by:**

BioSafe Systems, LLC  
22 Meadow St.  
East Hartford, CT 06108  
(888) 273-3088

EPA Reg. No. 70299-30

**Sublabel A: Agricultural And Commercial Use**

## NoMAS

### Insect Repellent Oil

- For use on poultry, and livestock such as beef, dairy cattle, horses, ponies, mules, donkeys, and swine.
- To protect against and repel stable flies, horn flies, house flies, ticks and lice.
- To repel against red mite, northern fowl mite, depluming itch mite, and scaly leg mite on poultry.
- Use to control litter beetle infestations.

Active Ingredients:

Octanoic Acid . . . . .	5.0%
Nonanoic Acid . . . . .	5.0%
Decanoic Acid . . . . .	5.0%
Other ingredients . . . . .	<u>85.0%</u>
Total . . . . .	100.0%

### KEEP OUT OF REACH OF CHILDREN CAUTION

<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15–20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15–20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>EMERGENCY NUMBER</b>	
<b>FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL THE NATIONAL POISON CONTROL CENTER 1-800-222-1222.</b>	
Have the product container or label with you when calling a poison control center or doctor.	

**Manufactured by:** BioSafe Systems, LLC, 22 Meadow St. East Hartford, CT 06108; (888) 273-3088  
**EPA Registration No.** 70299-30 **Batch Code** \_\_\_\_\_  
**EPA Establishment No.** 067441-IL-001, 70299-NV-1, 70299-NV-2, 082521-GA-001, 92957-MI-001  
**Net Contents:** 1, 2.5, 5, 30, 55, 275 gals.

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Causes moderate eye irritation. Breathing of mist may cause respiratory irritation. 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 reuse.

When applying as a spray, stand upwind from the animal being treated.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, or gutters or surface waters. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**THIS PRODUCT IS NOT FOR USE ON HUMANS**

NoMAS is a ready-to-use product for repelling stable flies, horn flies, house flies, ticks and lice on beef, dairy cattle, horses, ponies, mules, donkeys, and swine. NoMAS repels house flies, stable flies, horn flies, lice, ticks, and litter beetles on farm premises. Use NoMAS to repel red mite, northern fowl mite, depluming itch mite and scaly leg mite on poultry.

Do not dilute NoMAS prior to use or combine or co-apply with any other animal skin treatments, including soaps and detergents. Avoid contact with delicate areas such as eyes and ears. If animals have been washed, allow treatment areas to dry before application.

<b>Apply To:</b>	<b>Target Insects</b>	<b>Dosage</b>	<b>Application Instructions</b>
Dairy Cattle Beef Cattle Swine	Horn Flies Stable Flies House Flies	8 fl. oz. undiluted product per animal	<b>Ready-To-Use Spray:</b> Add undiluted product into any commercially available small sprayer suitable for oil application. Spray hair coat of the animal, focusing on legs, shoulders, neck and facial areas where flies tend to congregate. Apply with care around delicate areas (eyes and ears). Repeat treatment as needed. <b>Wipe-On:</b> Dampen applicator mitt, cloth or toweling with product. Rub over hair coat with special attention to the legs, shoulders, neck and facial areas where flies tend to congregate. Repeat treatment as needed.
Dairy Cattle Beef Cattle Swine	Lice Ticks	8 fl. oz. undiluted product per animal	<b>Ready-To-Use Spray:</b> Add undiluted product into any commercially available small sprayer suitable for oil application. Apply to front and rear legs and lower body of the animal or other affected areas. Apply with care around delicate areas (eyes and ears). Repeat treatment as needed. For repelling lice, spray affected areas and rub into coat. Repeat treatment as needed. <b>Wipe-On:</b> Dampen applicator mitt, cloth or toweling with product. Apply to front and rear legs and lower body of the animal or other affected areas. Repeat treatment as needed.

Horses Ponies Mules Donkeys	Stable Flies Horn Flies House Flies Lice Ticks	8 fl. oz. undiluted product per animal	<b>Wipe-On:</b> Dampen applicator mitt, cloth or toweling with product. Rub over hair with special attention to the legs, shoulders, neck and facial areas where flies tend to congregate. Be especially careful not to get in horse's eyes. Repeat treatment as needed. <b>Ready-To-Use Spray:</b> Use product after riding or exercise. Use undiluted in a mist sprayer, applying 8 fl. oz. per animal. Apply directly onto attached ticks. Repeat as needed. Do not apply when horses are sweating profusely.
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**FOR USE ON POULTRY**

For repelling red mite, northern fowl mite, depluming itch mite and scaly leg mite on poultry: Apply to the vent area and fluff areas of the animal from below. Treat roosters carefully to avoid re-infestation of breeding flocks. For poultry raised on litter, spray litter evenly to penetrate the surface to control litter beetle infestations. Concentrate sprays under feed and watering lines or in other areas where insect pests collect. Repeat when necessary.

**FARM PREMISES (BARN, DAIRIES, STABLES, LIVESTOCK AND POULTRY HOUSING)**

Controls, kills and repels pests such as House Flies, Stable flies, Horn flies, Lice, Ticks, and litter beetles on farm premises.

Indoor Areas **Occupied** by Livestock and Poultry:

Apply as a directed spray into cracks and crevices and around insulation, using a hand held sprayer. Do not contaminate waterers and feed containers. In poultry facilities, apply to floor area and litter surface or to walls, posts and cages. Spray evenly to penetrate litter surface. Concentrate sprays under feed and watering lines or in other areas where insect pests collect. It is not necessary to remove poultry from the housing unit during treatment. Reapply after each grow out or de-caking and sanitization procedure.

Indoor Areas **Unoccupied** by Livestock and Poultry:

Remove all animals from the premises. Feeders, waterers, and feed carts must be covered or removed before application to prevent contamination. Do not apply to milk rooms. Apply 16 fluid ounces of NoMAS per 1000 cubic feet using an ultra-low volume sprayer. Direct spray towards the upper corners and ceiling until the area is filled with mist. For best results, close windows and doors before application, and keep closed for 10-15 minutes after use. Vacate the treated area and ventilate before reoccupying. Apply to floors, vertical and overhead surfaces where crawling or flying insect pests may be present. Pay attention to animal areas including stanchions, cages, nesting boxes, roosts, windows, doors and areas where insect pests hide or congregate. Retreat if re-infestation occurs.

Note: Exterior applications to walls and foundation perimeters can help prevent interior infestations of insect pests. Apply in a uniform band 2 to 3 feet up and 6 to 10 feet out from the structure. Maintaining a year-round treatment program will prevent background populations from reaching problem levels. Normal cleaning practices of the structure also must be followed along with applications of this product to effectively control insect pests.

**STORAGE AND HANDLING**

**DO NOT** contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store container in cool place until used. Store at temperatures above 32° F.

**Pesticide Disposal:** Wastes resulting from use of this product must be disposed of on-site or at an approved waste disposal facility.

**Container Handling (5 gallons or less):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then

offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

**Container Handling (over 5 gallons):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available.

**Container Handling (refillable containers):** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

#### WARRANTY

This product is reasonably fit for the purposes described on the label when used in strict accordance with label instructions. To the extent consistent with applicable law, the manufacturer is not responsible for any use of this product that is contrary to the label instructions on the container, or under abnormal conditions that are not reasonably foreseeable by the manufacturer and or seller. To the extent consistent with applicable law, the buyer assumes all risk associated with use beyond label instructions or under abnormal conditions.

U.S. Patent Nos. 6306415, 6444216, 6953814

European Patent No. 1018873, Australian Patent No. 746766, Canadian Patent Pending

**Sublabel B: Residential Use**

**NoMAS  
Insect Repellent Oil**

- For use on poultry, and livestock such as beef, dairy cattle, horses, ponies, mules, donkeys, and swine.
- To protect against and repel stable flies, horn flies, house flies, ticks and lice
- To repel against red mite, northern fowl mite, depluming itch mite, and scaly leg mite on poultry.

Active Ingredients:

Octanoic Acid . . . . .	.5.0%
Nonanoic Acid . . . . .	.5.0%
Decanoic Acid . . . . .	5.0%
Other ingredients . . . . .	.85.0%
Total . . . . .	100.0%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15–20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If inhaled</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice</li></ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15–20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>EMERGENCY NUMBER</b>	
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**EPA Registration No.** 70299-30 Batch Code \_\_\_\_\_  
**EPA Establishment No.** 067441-IL-001, 70299-NV-1, 70299-NV-2, 082521-GA-001, 92957-MI-001  
Net Contents: 3, 4, 8, 16 & 32 fl. oz., 1, 2.5 & 5 gals



## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Breathing of mist may cause respiratory irritation. 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 reuse.

When applying as a spray, stand upwind from the animal being treated.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, or gutters or surface waters. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

### THIS PRODUCT IS NOT FOR USE ON HUMANS

NoMAS is a ready-to-use product for repelling stable flies, horn flies, house flies, ticks and lice on beef, dairy cattle, horses, ponies, mules, donkeys, and swine. NoMAS repels house flies, stable flies, horn flies, lice, and ticks on farm premises. Use NoMAS to repel red mite, northern fowl mite, depluming itch mite and scaly leg mite on poultry.

Do not dilute NoMAS prior to use or combine or co-apply with any other animal skin treatments, including soaps and detergents. Avoid contact with delicate areas such as eyes and ears. If animals have been washed, allow treatment areas to dry before application.

Apply To:	Target Insects	Dosage	Application Instructions
Dairy Cattle Beef Cattle Swine	Horn Flies Stable Flies House Flies	8 fl. oz. undiluted product per animal	<b>Ready-To-Use Spray:</b> Add undiluted product into any commercially available small sprayer suitable for oil application. Spray hair coat of the animal, focusing on legs, shoulders, neck and facial areas where flies tend to congregate. Apply with care around delicate areas (eyes and ears). Repeat treatment as needed. <b>Wipe-On:</b> Dampen applicator mitt, cloth or toweling with product. Rub over hair coat with special attention to the legs, shoulders, neck and facial areas where flies tend to congregate. Repeat treatment as needed.
Dairy Cattle Beef Cattle Swine	Lice Ticks	8 fl. oz. undiluted product per animal	<b>Ready-To-Use Spray:</b> Add undiluted product into any commercially available small sprayer suitable for oil application. Apply to front and rear legs and lower body of the animal or other affected areas. Apply with care around delicate areas (eyes and ears). Repeat treatment as needed. For repelling lice, spray affected areas and rub into coat. Repeat treatment as needed. <b>Wipe-On:</b> Dampen applicator mitt, cloth or toweling with product. Apply to front and rear legs and lower body of the animal or other affected areas. Repeat treatment as needed.

Horses Ponies Mules Donkeys	Stable Flies Horn Flies House Flies Lice Ticks	8 fl. oz. undiluted product per animal	<b>Wipe-On:</b> Dampen applicator mitt, cloth or toweling with product. Rub over hair with special attention to the legs, shoulders, neck and facial areas where flies tend to congregate. Be especially careful not to get in horse's eyes. Repeat treatment as needed. <b>Ready-To-Use Spray:</b> Use product after riding or exercise. Use undiluted in a mist sprayer, applying 8 fl. oz. per animal. Apply directly onto attached ticks. Repeat as needed. Do not apply when horses are sweating profusely.
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**Poultry Use Directions:**

For repelling red mite, northern fowl mite, depluming itch mite and scaly leg mite on poultry: Apply to the vent area and fluff areas of the animal from below. Treat roosters carefully to avoid re-infestation of breeding flocks. Concentrate sprays under feed and watering lines or in other areas where insect pests collect. Repeat when necessary.

**STORAGE AND HANDLING**

**DO NOT** contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store container in cool place until used. Store at temperatures above 32° F.

**Pesticide Disposal:** Wastes resulting from use of this product must be disposed of on-site or at an approved waste disposal facility.

**Container Disposal:**

**If empty: Non-refillable** - Do not reuse or refill this container. Offer for recycling if available.

**If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**WARRANTY**

This product is reasonably fit for the purposes described on the label when used in strict accordance with label instructions. To the extent consistent with applicable law, the manufacturer is not responsible for any use of this product that is contrary to the label instructions on the container, or under abnormal conditions that are not reasonably foreseeable by the manufacturer and or seller. To the extent consistent with applicable law, the buyer assumes all risk associated with use beyond label instructions or under abnormal conditions.

U.S. Patent Nos. 6306415, 6444216, 6953814

European Patent No. 1018873, Australian Patent No. 746766, Canadian Patent Pending

### Optional Claims

*The following claims may appear on any label panel*

( ) Denotes Optional Text

- Repels Stable Flies, House flies, Horn Flies Lice and Ticks
- Quick Repellency and Knockdown
- Patented Formula
- Biorational Insect Solutions
- Natural Based and Renewable Fly Repellent
- Long-Lasting Coat Shine
- Water Resistant
- Sweat Resistant Formula
- Available in Multiple sizes
- For Use on Horses
- Pleasantly scented
- Kills On Contact And Repels Biting And Nuisance Flies On Horses (For Up To 3 Days)
- Kills And Repels Biting And Nuisance Flies
- Kills Ticks On Contact (That May Carry Lyme Disease)
- Kills On Contact And Repels (Biting And Nuisance Flies) (Including) Horn Flies, Stable Flies, Black Flies, Deer Flies, Face Flies, Barn Flies, House Flies, Horse Flies) (Repellency That (Protects And) Stays Active For Up To 3 Days) (Stays Active For Up To 3 Days) (Extends Repellency For 3 Days)
- Bug Graphic(S): (Fly), (Tick)
- Stops (stable flies)( horn flies) (house flies) (ticks) (lice) Before They Bite
- Protects 24 Hours A Day For Up To 3 Days
- 24/7 Protection
- Round The Clock Protection (Works Day And Night) For Up To 3 Days
- For Use On Mules And Donkeys
- Kills On Contact, Repels And Protects For Up To 3 Days
- Quick & Even Coverage
- (24/7) Fly Protection For Up To 3 Days.
- Contains A (Unique) Combination Of 3 Active (Proven) Ingredients
- Creates Zone Of Protection Around Your Horse, Cow, Pig
- Interferes With The Insect's Homing System (Sensory Disruptor)
- (Ready-to-Use) Spray application
- Wipe-On application
- ~~Backrubber application~~
- ~~Spot Application~~
- Ready-To-Use (Formula)
- Oil-based
- Made in (the) USA
- Optional language: (\*) = (\* Not for use in California)
- Use NoMAS to repel red mite, northern fowl mite, depluming itch mite, and scaly leg mite on poultry
- Use to control litter beetle infestations
- Repels house flies, stable flies, horn flies, lice, ticks, and litter beetles on farm premises