



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

85354-5

Date of Issuance:

4/20/16

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

MalEx CitrusLeafminer

Name and Address of Registrant (include ZIP Code):

Alpha Scents, Inc.
c/o Micah Reynolds, Technology Sciences Group, Inc
1150 18th Street, Suite 1000
Washington, DC 20036

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Venus Eagle, Product Manager 01
Invertebrate-Vertebrate Branch 3, Registration Division (7505P)

Date:

4/20/16

2. You are required to comply with the data requirements described in the DCI and EDSP Orders identified below:
 - a. Imidacloprid GDCI-129099-951
 - b. Imidacloprid EDSP-129099

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCIs or EDSP Orders listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division:

http://www.epa.gov/oppsrrd1/contacts_prd.htm

3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
4. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 85354-5.”
5. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements 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 process. Therefore, should the Agency 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.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 12/02/2013

If you have any questions, please contact Marianne Lewis by phone at (703) 308-8043, or via email at lewis.marianne@epa.gov.

Enclosure

(Note to Reviewer: [bracketed text] is optional or alternative wording, (parenthetical text) is informational.)

MalEx™ CitrusLeafminer

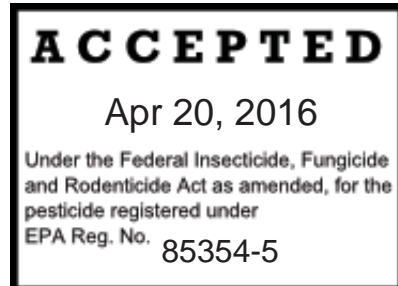
(Alternate Brand Names: MalEx™ CLM)

An attracticide product for control of the citrus lepidopteran pest Citrus Leafminer
(*Phyllocnistis citrella*)

ACTIVE INGREDIENTS

Imidacloprid [CAS 138261-41-3].....14.000%
(z,z)-7,11-hexadecadienal [CAS 96833-53-3].....0.004%
(z,z,E)-7,11,13-hexadecatrienal [CAS 888042-38-4].....0.012%

OTHER INGREDIENTS..... 85.984%
TOTAL: 100.000%



KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE [BACK] [SIDE] [PANEL] FOR FIRST AID, PRECAUTIONARY STATEMENTS AND STORAGE & DISPOSAL

SEE [ATTACHED BOOKLET] [INSIDE PEEL BACK] FOR COMPLETE DIRECTIONS FOR USE AND ADDITIONAL PRECAUTIONARY STATEMENTS

READ ALL DIRECTIONS BEFORE USING THIS PRODUCT

[Manufactured by:]
Alpha Scents, Inc.
1089 Willamette Falls Dr.
West Linn, OR 97068

EPA Reg. No. 85354-X EPA Est. No. 85354-OR-001

Questions?? Telephone (503) 342-8611
Mon – Fri 9am – 4pm [PST]
or e-mail: sales@alphascents.com

NET CONTENTS: [5.28 oz [150 grams]]
Batch No. [AS MEx CLM 0001]

(Note to reviewer: Batch or lot number may instead be printed directly onto the container.)

FIRST AID

IF SWALLOWED

- Call a 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 by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately 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 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

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 (including health concerns, medical emergencies, or pesticide incidents), 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). During other times, call the poison control center at 1-800-222-1222.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed. Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long sleeved shirt and long pants, shoes plus socks, and chemical resistant gloves made of: barrier laminate or butyl rubber \geq 14 mils. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops and weeds. This product is highly toxic to aquatic invertebrates and is toxic to wildlife. Do not apply this product or allow it to drift to blooming crops or weeds if bees are foraging the treatment area. Do not apply directly to water, areas where surface water is present or to intertidal areas below the mean high water mark.

PROTECTION OF POLLINATORS



APPLICATION RESTRICTIONS exist for this product because of risk to bees and other insect pollinators. Follow application restrictions found in the Directions for Use to protect pollinators.



Look for the bee hazard icon in the Directions for Use for each application site for specific use restrictions and instructions to protect bees and other insect pollinators.

This product can kill bees and other insect pollinators.

Bees and other insect pollinators will forage on plants when they flower, shed pollen, or produce nectar.

Bees and other insect pollinators can be exposed to this pesticide from:

- Direct contact during foliar applications, or contact with residues on plant surfaces after foliar applications
- Ingestion of residues in nectar and pollen when the pesticide is applied as a seed treatment, soil, tree injection, as well as foliar applications.

When using this product take steps to:

- Minimize exposure of this product to bees and other insect pollinators when they are foraging on pollinator attractive plants around the application site.
- Minimize drift of this product on to beehives or to off-site pollinator attractive habitat. Drift of this product onto beehives or off-site to pollinator attractive habitat can result in bee kills.

Information on protecting bees and other insect pollinators may be found at the Pesticide Environmental Stewardship website at:

<http://pesticidestewardship.org/PollinatorProtection/Pages/default.aspx>.

Pesticide incidents (for example, bee kills) should immediately be reported to the state/tribal lead agency. For contact information for your state, go to: www.aapco.org/officials.html. Pesticide incidents should also be reported to the National Pesticide Information Center at:

www.npic.orst.edu or directly to EPA at: beekill@epa.gov

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

(Note to Reviewer: [bracketed text] is optional or alternative wording, (parenthetical text) is informational.)

DIRECTIONS FOR USE

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



For Crops Under Contracted Pollination Services

Do not apply this product while bees are foraging. Do not apply this product until flowering is complete and all petals have fallen unless the following condition has been met:

- If an application must be made when managed bees are at the treatment site, the beekeeper providing the pollinations services must be notified no less than 48 hours prior to the time of the planned application so that the bees can be removed, covered or otherwise protected prior to application.



For Food Crops and Commercially Grown Ornamentals Not Under Contract for Pollination Services but are Attractive to Pollinators

Do not apply this product while bees are foraging. Do not apply this product until flowering is complete and all petals have fallen unless one of the following conditions is met:

- The application is made to the target site after sunset
- The application is made to the target site when temperatures are below 55°F
- The application is made in accordance with a government-initiated public health response
- The application is made in accordance with an active state-administered apiary registry program where beekeepers are notified no less than 48-hours prior to the time of the planned application so that the bees can be removed, covered or otherwise protected prior to application
- The application is made due to an imminent threat of significant crop loss, and a documented determination consistent with an IPM plan or predetermined economic threshold is met. Every effort should be made to notify beekeepers no less than 48-hours prior to the time of the planned application so that the bees can be removed, covered or otherwise protected prior to application

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on the label about personal protection equipment (PPE) and restricted re-entry intervals. The requirements in this box apply only to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil and water, is coveralls, chemical resistant gloves, and shoes plus socks.

(Note to Reviewer: [bracketed text] is optional or alternative wording, (parenthetical text) is informational.)

Product Information

MalEx™ CitrusLeafminer [This product] is an attract-and-kill product for the control of the citrus lepidopteran pest Citrus Leafminer (*Phyllocnistis citrella*). Female sex pheromones in the product attract the target pest while the insecticide, once ingested, will kill the Citrus Leafminer moth.

CITRUS

Crops of Crop Group 10 including: Calamondin, Citrus citron, Citrus hybrids (includes Chironja, tangelo, tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Pummelo, Orange (sweet and sour), Tangelo, Satsuma mandarin, and other cultivars and/or hybrids of these.

Pests Controlled: Citrus Leafminer (<i>Phyllocnistis citrella</i>)	Use Rate: 60 grams – 150 grams per acre depending on level of infestation up to 5 applications per year
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Rate Information:

The product is applied in the form of 50 microliter droplets. Depending on the size of the plants, the number of plants per acre, and the age of the crop, apply 1200 to 3000 drops per acre (3000 – 7500 drops per hectare). Increase application rate by 2 – 4 times in field perimeters.

Restrictions:

Pre-Harvest Interval (PHI): **0 days**

Minimum Interval between applications: **4 weeks**

Maximum use rate per application: **150 grams/acre**

Maximum amount per year: **390 grams/acre**

Do not apply during bloom or within 10 days prior to bloom or when bees are foraging.

Do not apply more than 10 drops of product to tree surface.

This product is to be applied only on citrus trees (trunks, branches, and leaves only) or stakes, plastic tags, or other non-living material adjacent to citrus groves to control the target pest. No other non-citrus vegetation is to be treated.

Applications of [MalEx CitrusLeafminer] [this product] must not result in an exceedance of 150 g/ai/yr/acre for either (z,z)-7,11-hexadecadienal (CAS#96833-53-3) or (z,z,E)-7,11,13-hexadecatrienal (CAS#888042-38-4).

Application Instructions:

- 1) For hand application the product is supplied in a sealed canister, and comes with a custom designed pumping head engineered to deliver 50 microliter droplets of formulation. Remove the cap and the safety seal. Insert the dispensing tube into the pump opening. If the pump does not start to deliver the product, prime the pump by gently pushing the plunger on the bottom of the canister towards the pumping head.
- 2) One full depression of the pump trigger delivers at least one 50-microliter droplet of formulation; for maximum biological activity, maintain small spherical shaped droplets.
- 3) Slowly press the pump trigger until a 3-4 mm drop forms on the dispensing tube. Place this drop on the plant by touching the tip of the dispensing tube to the plant. Apply up to 10 drops of product per tree. Apply also to surrounding fences, posts, stakes, hanging plastic hangers, and other surrounding non-vegetative material.

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- 4) Several smaller droplets are more effective over a single larger droplet.
- 5) For mechanical application the product is supplied in vacuum bags. Mechanical applicator will apply 50 microliter droplets at required rate.

Timing:

- 1) Apply immediately prior to start of Citrus Leafminer emergence in the spring.
- 2) The droplet releases Citrus Leafminer pheromone for up to 40 days depending on environmental conditions.
- 3) Re-apply formulation to plants every 28-40 days (4-6 weeks), or at the beginning of each Citrus Leafminer generation up to a maximum of five applications per season.

Precautions:

MalEx CitrusLeafminer prevents the Citrus Leafminer from mating. However, if a source of mated females of this species is present in field adjacent to the treated area, migration of these moths may significantly reduce the level of control achieved. Sources of fertilized females are likely to be unsprayed citrus plants within 300 yards of the treated field. This can be counteracted by:

- >treatment of entire blocks of fields and not just sections of large, conveniently treated fields
- >treatment of infestation sources with MalEx CitrusLeafminer, e.g. a strip at least 50 yards wide adjacent to the treated field
- >treatment of the infestation source with an effective insecticide.

Supplementary applications of insecticide may be made when MalEx CitrusLeafminer is used to control very high populations of Citrus Leafminer moth. Other pests must be monitored so that timely intervention with conventional insecticides is possible.

STORAGE AND DISPOSAL

(Note to Reviewer: Product container is one-time use).

DO NOT CONTAMINATE WATER, FOOD OR FEED BY STORAGE OR DISPOSAL

Pesticide Storage: Store pesticide in the original container. Do not store near food or feed.

Protect from temperatures below -10°C [14°F]. Avoid prolonged storage at temperatures above 35°C [95°F].

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

Container Disposal: Do not reuse container. Offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

[WARRANTY]

[To the extent consistent with applicable law, seller warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated in the Directions for Use, subject to the risks that arise from weather conditions, soil factors, off target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of the seller, when used in accordance with the Directions for Use under normal conditions. Seller makes no other express or implied warranty. To the extent consistent with applicable law, Seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. In no event shall seller be liable for indirect or consequential damages. To the extent consistent with applicable law, buyer and user acknowledge and assume all risks and liabilities resulting from the handling, storage and use of this product.]