



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
28293-333

Date of Issuance:  
May 1, 2001

Term of Issuance: Unconditional

Name of Pesticide Product:  
Unicorn Flying and Crawling  
Insect Killer II

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Unicorn Laboratories  
12385 Automobile Blvd.  
Clearwater, FL 33762

**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/reregistered 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.

1) This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3) (c) (2) (B)

2. Make the following labeling changes:

- a) Revise the EPA Registration Number to read "EPA Reg. No. 28293-333 "
- b) Revise the front panel bullet of "Contains no CFCs" to read "Contains no CFC's or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols".
- c) On the front panel add a bullet stating "Not for use on plants grown for sale or other commercial use".

Signature of Approving Official:

George T. LaRocca

Date:

May 1, 2001

- c) Please delete "Improved" from your "Improved Water Based Formula" claim. Alternatively you may use "New" instead of "Improved". If you choose to do this you may keep this claim on your label for a period of 6 months from the date of this registration (after that you must delete it).
  
- d) In the Environmental Hazards section, add the following: "This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area."
  
- e) Delete the "but are not limited to" from the statement "Permitted areas of use include but are not limited to..."
  
- f) Delete the "thoroughly" from the first paragraph under "INDOORS" since this could potentially lead to over-application. When applying to cracks and crevices, storage areas, etc., please add the statement "Spray until the surface is just damp, but not to the point of run-off. Avoid excess application."
  
- g) Please delete all "Repeat as necessary"-type statements and state the minimum allowable time period between applications (e.g. "Repeat every 4 weeks if necessary). This should be based on the efficacy data of the product you cited.
  
- h) Under "SILVERFISH, CRICKETS, SPIDERS, EARWIGS" provide more specific instructions similar to those provided above for spiders, centipedes, etc.
  
- i) At the end of the directions for treating pantry pests, insert the following: "Wash any food handling surfaces and utensils before use".
  
- j) After the first paragraph under "Outdoors", please insert "Do not contaminate fish ponds or apply directly to water".

- k) Please delete the first six sentences of the directions for treating fireants unless the product will be packaged and sold with the "soil injector". Homeowner-use products may not require the use of specialized equipment such as soil injectors unless provided with the product. If your product can not achieve adequate fireant control without an injector and you will not be providing one then remove this pest from your label.
  
- l) Under directions for treating wasps, etc., please add "Aim spray at nest openings. Applications should be made late in the evening when the insects are at rest".
  
- m) We could not find any efficacy data in your data matrix for bees, hornets and wasps. Please provide us with the MRID numbers with your final printed labeling.
  
- n) Either add "Only" to the front panel statement "For Household/Domestic Use Only" or add the following limitation under Directions "Do not use in food/feed handling establishments, restaurants, or other commercial sites where food/feed is commercially prepared, processed or served".
  
- o) Under "Ants" (page 3) delete "freely" from the text since this could lead to potential over application. Add the following as the last sentence: "Spray until the surface is just damp, but not to the point of run-off. Avoid excess application."
  
- p) Under "Flying Insects" please remove "light fixtures and cords". You have not provided a dielectric breakdown in your data matrix so it is unclear if there is the potential for shock hazards with your product.
  
- q) In the paragraph beginning "FOR CONTROL OF GARDEN INSECTS" please add "Not for use in vegetable gardens".

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- r) Please add the statement "Contains petroleum distillates, xylene or xylene range aromatic solvent" immediately below the ingredient statement as a footnote to the inert ingredients.
  
- 3. Your product is toxicologically similar to EPA Reg. No. 432-846 and the acute toxicity data for that product can be used in support of this product. Your Basic CSF has been approved conditionally. One of the inert ingredients in your CSF does not list the name and the supplier. This information must be submitted to the Agency and can be appended directly to the CSF. Please see the confidential appendix for details.
  
- 4. Please submit two (2) copies of your final printed label for before your release the product for shipment. Please refer to the A-79 enclosure for a further description of final printed labeling. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Tracy Keigwin of my team at (703) 305-6605.

Sincerely,

George T. LaRocca  
Product Manager (13)  
Insecticide Branch  
Registration Division (7505C)

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# UNICORN FLYING & CRAWLING INSECT KILLER II

- For Household and Domestic Use
  - [• Contains DeltaGard™ Insecticide
    - Contains Deltamethrin
  - Improved Water-Based Formula
    - Water-Based
- Killing Action and Residual Control
  - Long-Lasting Formula
  - For Indoor/Outdoor Use
- Kills Fleas-Roaches-Ants-Spiders
  - Kills On Contact
  - Kills Hidden Bugs
- Kills Bugs You See and Even the Ones You Don't See
  - Broad Spectrum Insect Control
- Highly Effective Against Ants, Bees, Carpenter Ants, Carpet Beetles, Centipedes, Cockroaches, Crickets, Firebrats, Fleas, Flour Beetles, Grain Beetles, Ground Beetles, Mole Crickets, Moths, Pillbugs, Scorpions, Silverfish, Sowbugs, Spiders, Ticks and Many Other Crawling Insects  
In and Around Homes, Recreational Vehicles, Cabins, Tents and other Recreational Structures
  - No Oily Residue – No Unpleasant Odor
  - No Greasy Residue – Non-Staining
    - Won't Stain Carpets and Floors
  - Protects For up to 4 Weeks
  - Keeps on Killing for up to 4 Weeks
    - Keeps on Killing
    - Contains No CFC's
- Use and you will have "Delta Blow" to your home invading bugs.
  - Guard your home with DeltaGard™]

**ACTIVE INGREDIENT:**

Deltamethrin.....0.02%

**OTHER INGREDIENTS:**.....99.98%

100.00%

DeltaGard is a trademark of AgrEvo Environmental Health, Inc.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**NET CONTENTS:**

See Side Panel for First Aid and Additional Precautions

**Manufactured for:  
UNICORN LABORATORIES  
12385 AUTOMOBILE BLVD.  
CLEARWATER, FL 33762**

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAY - 1 2001

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

28293-333

<b>FIRST AID</b>	
<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 IN EYES</b>	<ul style="list-style-type: none"> <li>• 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.</li> <li>• Call a poison control center or doctor for 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>
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**  
**CAUTION**

Causes moderate eye irritation. Harmful if inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Remove pets, birds and cover fish aquariums before spraying.

**Environmental Hazards**

This product is toxic to fish. Do not apply directly to water.

**Physical or Chemical Hazards**

Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not apply this product in or on electrical equipment due to the possibility of shock hazard.

**STORAGE AND DISPOSAL**

**Storage:** Do not store near heat or open flame. Store in a cool, dry area away from children. **Container Disposal:** Replace cap, wrap container in several layers of newspaper and discard in trash. Do not incinerate or puncture. Can be disposed of with other recyclables where local law permits.

**DIRECTIONS FOR USE**

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

This product has residual action which keeps on killing for up to 4 weeks after you spray.

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SHAKE WELL BEFORE EACH USE. Hold container upright. Do not spray up into air. Apply to surfaces only. Remove protective cap and direct spray away from face. Hold can 12-15 inches from surface being sprayed. Press button down and spray as directed. Spray surface until slightly wet.

This product will not stain surfaces or fabrics where water alone causes no damage.

This product is intended for use in and around residential structures and their immediate surroundings. Permitted areas of use include, but are not limited to: **apartments, atriums, attics, automobiles, basements, bathrooms, boats, cabins, campers, carports, cat sleeping quarters, clothes storage, condominiums, decks, dens, driveways, garages, gazebos, homes, kitchens, lanais, living rooms, parlors, patios, pet sleeping areas, play rooms, porches, recreational vehicles, rooms, solariums, storage areas, sun rooms, utility rooms and verandahs.**

**INDOORS:**

**Cockroaches** (including adult and immature stages of both non-resistant and organophosphate and carbamate resistant strains), **ants, booklice, boxelder bugs, centipedes, crickets, dermestids, firebrats, fleas, palmetto bugs, silverfish, sowbugs, ticks and waterbugs:** Apply thoroughly to all areas where these pests crawl and hide, especially in cracks and crevices, and hidden areas around sinks and storage areas, behind baseboards, around doors and windows, behind and under refrigerators, cabinets, sinks and stoves, the underside of shelves, drawers, bookcases, and similar areas. When pests are driven out, spray directly. Repeat as necessary.

**[ROACHES: Spray in cracks and crevices, around baseboards and other hiding places until wet. When driven out, spray bugs directly.]**

**Ants:** Spray freely around ant trails, doors and windows and other places where ants enter the house. Repeat as necessary.

**Carpenter Ants:** For effective control, locate and treat nests and surrounding areas. Apply around doors and windows and other places where ants enter premises and where they crawl and hide. Spray into infested wood through existing openings.

**Ticks and Fleas on Surfaces:** Remove pet bedding and destroy or clean thoroughly. Spray pet resting quarters. Adult fleas and larvae contacted by spray will be killed. Put fresh bedding down once spray has dried. Do not spray animals directly. For best results, pets should be treated with an appropriate product before allowing them to return to the treated area. Spray rugs and carpets where infestations are bad. Test first for staining on an inconspicuous piece prior to use.

**Spiders:** Apply along and behind baseboards, to window and door frames, corners, pipes, storage localities, attics, crawl spaces and other areas over which these pests may crawl.

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**Centipedes, Ground Beetles, Pillbugs, Sowbugs, Scorpions and Ticks:** Apply around doors and windows and other places where these pests may enter premises. Treat baseboards, storage areas and other locations where these pests are found.

**[SILVERFISH, CRICKETS, SPIDERS:** Apply to areas infested by these pests or spray pests directly. Spray surfaces until wet.]

**PANTRY PESTS – Grain Beetles (Rusty, Merchant and Saw-toothed), Flour Beetles (Red and Confused), Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Flies, Drugstore Beetles, Elmleaf Beetles, Rice Weevils, Lesser Grain Borers, Spider Beetles and Tobacco Moths:** Treat exposed stages. Remove all food-stuffs, utensils and shelf paper from area to be treated. Discard used shelf paper and any infested foodstuffs. Apply spray to shelves and in cracks and crevices behind and under cupboards and cabinets. Allow spray to dry prior to replacement of shelf paper, food and utensils.

**Carpet Beetles (Black, Furniture and Varied):** Spray on and under edges of floor coverings, under rugs and furniture and in closets or other localities where these insects are found.

**Webbing Clothes Moths:** Use this product as a crack and crevice treatment in closets and other storage areas where these pests are found. This is an adjunct treatment and will not control moth larvae already on clothes. Do not apply to clothing.

**OUTDOORS:**

Point nozzle away from face. Hold can on a slight downward angle, approximately 12-15 inches from surface to be sprayed. For best results, spray when air is calm. Spray with wind if breeze is blowing.

**PESTS ON OUTSIDE SURFACES OF BUILDINGS:** For control of building infestation to **ants, clover mites, crickets and sowbugs (pillbugs).** Spray foundation of building where insects are active and may find entrance up to a height of 2 to 3 feet. Apply as a residual spray to outside surfaces of buildings where insects tend to congregate. Spray areas include (but are not limited to) screens, window frames, eaves, porches, patios, garages and refuse dumps. Repeat treatment as necessary.

**CRAWLING INSECTS: ants, cockroaches (including Asian cockroaches), centipedes, crickets, mole crickets and silverfish.** Spray infested surface of patio or picnic area, hitting as many insects as possible. Also spray legs of tables and chairs to repel ants. Spray ant hills for best control.

**Ants:** Spray freely around ant trails and hills. Spray around nests hidden under steps, brickwork, concrete, etc. Break apart accessible nests and spray freely on and around debris. Repeat as necessary.



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**[ANTS: Spray ant trails and hills. If nest can be located, spray surface of nest until wet.]**

**Fire Ants:** To treat mounds, use soil injector. To maximize distribution, insert injector into the mound full length, if possible. Inject the mound at 3-6 sites at a rate of 5-10 seconds of spray per site. For very large mounds (over 36 inches in diameter), increase the number of injection sites. Space injection sites in a circular pattern on the mound surface with one site in the center. To quiet active ants on the surface, sweep the surface with spray from a distance of 18 inches. For best results, apply in cool weather or in early morning or late evening hours. Treat new mounds as they appear.

**Lone Star Ticks, Dog Ticks, Crickets, Fleas and Earwigs:** Apply thoroughly to infestation in bushes, grass or weeds.

**Wasps, Mud Daubers, Hornets and Bees:** Spray nests and bees directly.

**FLYING INSECTS: Houseflies, gnats, mosquitoes and small flying moths:** Use only on outdoor surfaces. Spray outside surfaces of window and door frames and other areas where these pests may enter the home. Also spray localized resting areas, such as under eaves, porches, light fixtures and cords, railings, etc. where these insects may rest. Insects coming to rest on treated surfaces will be killed.

**FOR THE CONTROL OF GARDEN INSECTS:** For use on roses, dahlias, asters and other ornamentals to kill **Japanese beetles** hit by spray, as well as **whiteflies, aphids, exposed thrips, spiders, redmites and leafminers.**

May be used on plants, as well as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, delphiniums, dogwood, English ivy, euonymus, fuschia, geraniums, crassula, grape vine, Kentia palm, laurel, marigolds, rhododendrons, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

Effective when used as directed against **whiteflies, aphids, spider and red mites, exposed thrips, lace bugs, Japanese beetles, pavement ants, clover mites and army worms.** When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Spray in one second bursts. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Contact insects directly whenever possible. Repeat treatment as necessary.

**NOTICE:** Buyer assumes all responsibility for safety and use not in accordance with directions.

**[Brackets indicate alternate text.]**