



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (M7505C)  
401 M St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
28293-218

Date of Issuance:  
23 FEB 1993

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Unicorn Growers Spray

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Unicorn Laboratories  
1000 118th Avenue North  
St. Petersburg, FL 33716

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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 28293-218".
3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.

Signature of Approving Official:

*Joseph M. Fawano*

Date:

*February 23, 1993*

287  
RECORDED  
with COMMENTS  
in EPA Letter Dated

23 FEB 1993

Under the Factor 1 Exemption  
Provision of the  
FIFRA Act  
28293-218

**UNICORN**

**GROWERS SPRAY**

For use on growing crops and ornamentals as described below.  
This product may be used up to and including day of harvest  
and can be sprayed at any season of the year.  
NOT FOR SALE IN ARIZONA

<b>ACTIVE INGREDIENT:</b>	
Pyrethrins.....	1.40%
<b>INERT INGREDIENTS:*</b> .....	<u>98.60%</u>
	100.00%

\* Contains petroleum distillate

Keep out of Reach of Children

**CAUTION**

See Side/Back Panel for Additional Precautionary Statements.

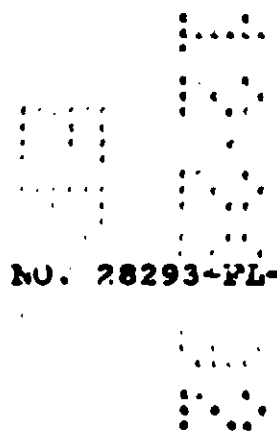
**NET CONTENTS:**

**Manufactured By:**

Unicorn Laboratories  
1000 118th Avenue North  
St. Petersburg, FL 33716

EPA REG. NO. 28293-

EPA EST. NO. 28293-PL-1



**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION:** Harmful if swallowed. Contains petroleum distillate. Do not induce vomiting because of aspiration pneumonia hazard. Avoid breathing vapors or spray mist. Avoid contact with skin or eyes. In case of contact, flush with plenty of water. Wash with soap and warm water after use. Obtain medical attention if irritation persists. This pesticide may cause skin sensitization reactions in certain individuals. Avoid contamination of food or feedstuffs.

**Statement of Practical Treatment**

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Do not induce vomiting because of aspiration pneumonia hazard.

**IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists.

**IF ON SKIN OR CLOTHING:** Remove contaminated clothing and wash before reuse. Wash skin with soap and warm water. Get medical attention if irritation persists.

**IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated.

**Environmental Hazards**

This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

**Physical or Chemical Hazards**

Do not use or store near heat or open flame.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**STORAGE:** Store in a cool, dry place. Keep container closed.

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

**BEST AVAILABLE COPY**

**CONTAINER DISPOSAL FOR CONTAINERS OVER ONE GALLON:** Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill or by other procedures approved by State and local authorities. **CONTAINER DISPOSAL FOR CONTAINERS ONE GALLON AND UNDER:** Do not reuse empty container. Wrap container in several layers of newspaper and discard in trash.

**DIRECTIONS FOR USE**

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

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The areas being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried.

Do not apply this product through any type of chemigation systems.

**USED ALONE:** Apply 16 ounces (1 pint) to 64 ounces (2 quarts) in 12 to 50 gallons of water and spray to wet. For concentrate sprays apply 16 to 64 ounces per acre by ground in sufficient water for thorough coverage. This product may be applied by air at the rate of 16 to 64 ounces per acre in a minimum of 5 gallons of water. Repeat as required to maintain effective control.

Use 2-1/2 Tablespoons per gallon of water. One quart makes 25 gallons of diluted spray. Spray thoroughly contacting as many insects as possible on upper and lower leaf surfaces. Mix only enough for immediate use. Spraying should begin when the insects first appear. Do not wait until the plants are heavily infested. It is recommended that the final spray mix be buffered to a pH of 5.5-7.0.

**USED AS A TANK MIX:** This product may be tank mixed with other insecticides and acaricides to provide a flushing of insects from hiding and into contact with other spray residues. This application should conform to accepted use precautions and directions for both products.

This concentrate is relatively non-toxic to honey bees. To avoid possible harm to honey bees, it is advisable to apply in the early morning or late evening hours.

**GROWING CROPS (OUTDOORS AND IN GREENHOUSES)**

**ROOT AND TUBER VEGETABLES:** Including (but not limited to) Arracacha, arrowroot, Purple Arrowroot, Japanese Artichoke, Jerusalem Artichoke, Beets, Sugar Beets, Edible Burdock, Cactos, cassava (bitter or sweet), Celeriac (celery root), Chervil (turnip-rooted), Chicory, Chuffa, Dasheen, Ginger, Ginseng,



Horseradish, Leren, Parsley (turnip-rooted), Parsnip, Potato, Radish, Japanese Radish (Daikon), Rutabaga, Salsify, Black Salsify, Spanish Salsify, Sweet Pctato, Tanier, Tarrow Root, Turmeric, Turnip, Yam (true), Yam Bean.

**LEAVES OF ROOT AND TUBER VEGETABLES:** Including (but not limited to) Beet, Sugar Beet, Edible Burdock, Carrot, Cassava (bitter and sweet), Celeriac (celery root), Chervil (turnip-rooted), Chicory, Dasheen, Parsnip, Radish, Japanese Radish (Daikon), Rutabaga, Black Salsify, Sweet Potato, Tanier, Turnip, Yam (true).

**BULB VEGETABLES:** Including (but not limited to) Garlic, Leek, Onion (bulb and green), Shallot.

**LEAFY VEGETABLES:** Including (but not limited to) Amaranth (leafy amaranth, Chinese Spinach, Tampala), Arrugula, Celery, Celtuce, Chervil, Cilantro, Corn Salad, Chrysanthemum (edible leaved), chrysanthemum (garland), Cress (garden), Upland Cress (yellow rocket, winter cress), Dandelion, Dock (sorrel), Endive (escarole), Fennel (Florence), Lettuce (head and leafy), Orach, Parsley, Purslane (garden & winter), Rhubarb, Spinach, Fine Spinach (Melabar, Ceylon), Spinach (New Zealand), Swiss Chard.

**BRASSICA (COLE) LEAFY VEGETABLES:** Including (but not limited to) Broccoli, Chinese Broccoli (Gai Lon), Broccoli raab (Rapini), Brussels Sprouts, Cabbage, Chinese Cabbage (Bok Choy, Napa), Chinese Mustard Cabbage (Gai Choy), Cauliflower, Collards, Kale, Kohlrabi, Mustard Greens, Rape Greens.

**LEGUME VEGETABLES (SUCULENT OR DRIED):** Including (but not limited to) Adzudi Beans, Field Beans, French Beans, Kidney Beans, Lima Beans, Moth Beans, Mung Beans, Navy Beans, Pinto Beans, Rice Beans, Runner Beans, Snap Beans, Tepary Beans, Urd Beans, Wax Beans, Asparagus Beans, Black-eyed Peas, Catjang, Chinese Longbeans, Cowpeas, Chowder Peas, Southern Peas, Yard-Longbeans, Broad Beans, (Fava Beans), Chick Peas (Garbanzo Beans), Guar, Jackbean (Sword Bean), Lablab Beans (Hycacinth Bean), Lentils, Peas (garden peas, field peas, sugar peas), Pigeon Peas, Soybeans.

**FOLIAGE OF LEGUME VEGETABLES:** Including (but not limited to) plant part of any legume vegetable included in the legume vegetable group that will be used as animal feed including any variety of Beans, Field Peas, Soybeans.

**FRUITING VEGETABLES:** Including (but not limited to) Eggplant, Ground Cherry, Okra, Pepinos, Pepper (Bell Pepper, Chili Peppers, Cooking Peppers, Pimentos, Sweet Peppers), Tomatillo, Tomatoes.

**CUCURBIT VEGETABLES:** Including (but not limited to) Balsam Pear (Bitter Melon), Chinese Waxgourd, Citron Melon, Cucumber, Gherkin, Edible Gourds, Melons (including hybrids, Cantaloupe, Casaba, Crenshaw, Honeydew Melons, Honey Balls, Mango Melon, Muskmelon, Persian Melon), Pumpkin, Squash (summer & winter), Watermelon (including hybrids).

BEST AVAILABLE COPY

**CITRUS FRUIT:** Including (but not limited to) Calamondin, Citrus Citron, Citrus Hybrids, Grapefruit, Kumquats, Lemon, Limes, Mandarin (Tangerine), Orange (sweet & sour), Pummelo, Satsuma Mandarin.

**POME FRUITS:** Including (but not limited to) Apple, Crabapple, Loquat, Pear, Oriental Pear, Quince.

**STONE FRUITS:** Including (but not limited to) Apricot, Cherry, (sweet & sour), Nectarine, Peach, Plum, Prune, Chickasaw Plum, Damson Plum, Japanese Plum.

**SMALL FRUITS AND BERRIES:** Including (but not limited to) Blackberry, Blueberry, Boysenberry, Cranberry, Currant, Dewberry, Elderberry, Gooseberry, Grape, Huckleberry, Loganberry, Olallie Berry, Raspberry (black & red), Strawberry, Youngberry.

**SUBTROPICAL FRUITS:** Including (but not limited to) Avocado, Banana, Carob, Barbados Cherry, Cherimoya, Dates, Feijoa, Figs, (Adriatic, Calimyrna, Kadota, Black Mission, California Brown Turkey, Brunswick), Guava, Kiwifruit, Lychee, Mango, Papaya, Passion Fruit, Persimmon, Pineapple, Pomegranate.

**TREE NUTS:** Including (but not limited to) Almond, Beech Nut, Brazil Nut, Butter Nut, Cashew, Chestnut, Chinquapin, Filbert (Hazelnut), Hickory Nut, Japanese Horsechestnut, Macadamia Nut (Bushnut), Pecan, Pistachio, Walnut (Black & English).

**CEREAL GRAINS:** Including (but not limited to) Barley, Buckwheat, Corn, Millet (proso & pearl), Oats, Popcorn, Rice, Rye, Sorghum (Milo), Teosinte, triticale, Wheat, Wild Rice, that will be fed to or grazed by livestock, all pasture and range grasses and grasses grown for hay or silage.

**NON-GRASS ANIMAL FEEDS:** Including (but not limited to) Alfalfa, Velvet Bean, Clover, Kudzu, Lespedeza, Lupine, Sainfoin, Trefoil, Vetch, Grown Vetch, Milk Vetch.

**ORIENTAL VEGETABLES:** Including (but not limited to) Japanese Artichoke, Chinese Broccoli (Gai Lon), Chinese Cabbage (Bok Choy, Napa), Chinese Mustard Cabbage (Sai Choy), Cilantro, Dasheen, Ginger, Ginseng, Chinese Longbeans, Mung Beans, Citron Melon, Balsam Pear (Bitter Melon), Japanese Radish (Daikon), Chinese Spinach, Chinese Waxgourd.

**HERBS AND SPICES:** Including (but not limited to) Anise, Balm, Basil, Borage, Burnet, Camomile, Caraway, Catnip, Chives, Clary, Coriander, Costmary, Cumin, Curry Leaf, Dill, Fennel (Italian & Sweet), Fenugreek, Horehound, Hyssop, Marigold, Marjoram (Sweet & Wild), Mint, Nasturtium, Oregano, Pennyroyal, Rosemary, Rue, Sage, Savory (Winter & Summer), Sweet Bay (Bay Leaf), Tansy, Tarragon, Thyme, Wintergreen, Woodruff, Wormwood.

**ADDITIONAL CROPS:** Artichoke, Asparagus, Chayote, Coffee, Cotton, Hops, Jojoba, Ornamental Turf Grass, Sesame, Sunflower (leaves and seed), Tea.



**ORNAMENTALS:** Including (but not limited to) African Violet, Aster, azalea, Begonia, Calceolaria, Calendula, Calla, Camellia, Carnation, Cineraria, Chrysanthemum, Cypress, Daffodil, Dahlia, Dogwood, Elm, Eucalyptus, Fern, Ficus, Geranium, Gladiolus, Gypsophila, Holly, Juniper, Lily, Marigold, Oak, Palm, Peony, Petunia, Philodendron, Pine, Rose, Snapdragon, Sweet Pea, Tulips, Viburnum, Wandering Jew, Yew, Zinnia.

**FOR THE CONTROL OF INSECTS:** Including (but not limited to) Ants, Aphids, Armyworms, Asparagus Beetle, Blister Beetles, Cabbage Looper, Caterpillars, Cockroaches, 12-spotted Cucumber Beetle, Colorado Potato Beetles, Corn Earworm, Crickets, Cross-striped Cabbageworm, Cucumber Beetles, Deer Fly, Diamondback Larvae, Fireworms, Flea Beetles, Fruit Flies, Fruittree Leafroller, Grape Leafhopper, Green Peach Aphids, Greenhouse Thrips, Gypsy Moth (adults & larvae), Harlequin Bug, Heliothis sp., Imported Cabbageworm, Leafhopper, Leafrollers, Leaf tiers, Lice, Mexican Bean Beetle, Potato Leafhopper, Psyllids, Skippers, Stink Bugs, Thrips, Vinegar Flies, Webworms, and Whiteflies.

