



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

May 7, 2024

Annette Marine
Agent for Aquatrols Corporation of America
Aquatrols Corporation of America
1273 Imperial Way
Paulsboro, NJ 08066

Subject: Label Amendment - Registration Review Mitigation for Oxadiazon
Product Name: Starfighter L
EPA Registration Number: 94396-21
Application Date: February 20, 2023
Decision Number: 590391

Dear Annette Marine:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Oxadiazon Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable. As part of the registration review, EPA identified the need for this product to be classified as Restricted Use. The labeling approved today incorporates the necessary changes for classification as Restricted Use, therefore the classification is effective on the date of this letter.

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 Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. Due to the classification of this product as Restricted Use, in accordance with 40 CFR 152.167, after 120 days, any of this product you sell or distribute must:

- 1) Bear an approved amended label containing the terms of the Restricted Use classification;
- 2) Bear a sticker containing the product name, EPA registration number, and any terms of restricted use; **or**
- 3) Be accompanied by supplemental labeling bearing the product name, EPA registration numbers, and any terms of restricted use.

After 270 days, any of this product you sell or distribute must bear the approved amended labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Theodore Varns by phone at 202-566-2241, or via email at varns.theodore@epa.gov.

Sincerely,

A handwritten signature in dark ink, appearing to read "Kevin Costello".

Kevin Costello, Branch Chief
Risk Management and Implementation Branch 2
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label

RESTRICTED USE PESTICIDE

DUE TO POTENTIAL HUMAN HEALTH RISKS OF CONCERN (CANCER) FROM CHRONIC DIETARY OR DERMAL EXPOSURE WHEN USED IN ACCORDANCE WITH LABEL DIRECTIONS.

FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

[MASTER LABEL]

OXADIAZON

GROUP

14

HERBICIDE

Starfighter L**Herbicide**

Preemergence Herbicide for the Control of Annual Grasses and Broadleaf Weeds in Turf, Nurseries, Ornamentals, Rights-of-Way, and Landscape Plantings.

For sale and use by Professional Applicators only. Not for sale to use by homeowner/consumers. Not for Use in Turfgrass or Ornamentals on Residential Properties.

Active Ingredient:

Oxadiazon [2-tert-butyl-4-(2, 4-dichloro-5-isopropoxyphenyl)- Δ^2 -1, 3, 4-oxadiazolin-5-one]	34.1%
Other Ingredients	65.9%
Total:	100.0%

Contains 3.17 lbs. active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN**CAUTION****FIRST AID**

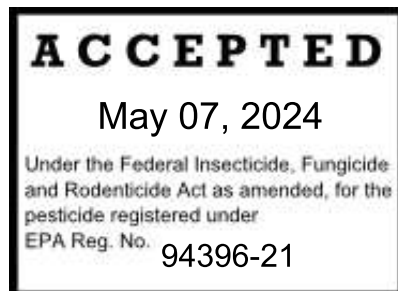
IF IN EYES	<ul style="list-style-type: none"> Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> 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 INHALED	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.
IF SWALLOWED	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have affected person sip a glass of water if able to swallow. Do not induce vomiting unless told by a poison control center or doctor.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **1-888-875-1724 for emergency medical treatment information.**

Net Contents: ____ Gallons

Aquatrols Corporation of America
1273 Imperial Way
Paulsboro, NJ 08066



EPA Reg. No. 94396-21
EPA Est. No.: _____

PRECAUTIONARY STATEMENT

HAZARDS TO HUMANS

CAUTION

Harmful if absorbed through the skin. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wear long-sleeved shirt and long pants, socks, shoes, and waterproof gloves (such as Natural Rubber, Selection Category A). Wear protective eyewear. Wash thoroughly with soap and water after handling.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves (such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 , and neoprene rubber ≥ 14 mils.)

Mixers and loaders must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves (such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 , and neoprene rubber ≥ 14 mils.)
- Chemical-resistant apron

See the **ENGINEERING CONTROLS STATEMENTS** for additional requirements.

Follow 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.

ENGINEERING CONTROL STATEMENTS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendation

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

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

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. Do not contaminate water when disposing of equipment washwater or rinsate.

Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

This pesticide is toxic to oysters and shrimp.

Starfighter L should not be used in areas where irrigation or rainfall results in the direct or indirect (via ditches and canals) contamination of surface waters through dissolved runoff or erosion of soil particles to which oxadiazon is absorbed.

Groundwater and Surface Water Advisories:

This chemical has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water.

This product is classified as having high potential for reaching surface water via runoff for several months or more after application.

A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of oxadiazon from runoff water and sediment.

NON-TARGET ORGANISM ADVISORY: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

DIRECTIONS FOR USE

Restricted Use Pesticide

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

Read the entire label before using this product.

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 the 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 Part 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 this label about person protection equipment (PPE) and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the 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, or water, is coveralls, waterproof gloves and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard (WPS) for agricultural pesticides 40 CFR Part 170. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not allow people or pets to enter treated areas until sprays have dried.

MANDATORY SPRAY DRIFT MANAGEMENT

Ground Boom Applications:

- User must only apply with the release height recommended by the manufacturer, but no more than 4 feet above the ground or crop canopy.
- Applicators must select nozzle and pressure that deliver medium or coarser droplets in accordance with American Society of Agricultural & Biological Engineers Standard 572 (ASABE S572).
- Do not apply when wind speeds exceed 15 mph at the application site. Do not apply during temperature inversions.

Boomless Ground Applications:

- Applicators must select nozzle and pressure that deliver medium or coarser droplets in accordance with American Society of Agricultural & Biological Engineers Standard 572 (ASABE S572).
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size – Ground Boom

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

BOOM HEIGHT – Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.
Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Boomless Ground Applications:

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Handheld Technology Applications:

Take precautions to minimize spray drift.

PRODUCT INFORMATION

Starfighter L controls many annual grasses and broadleaf weeds by killing the weed seedlings on contact during weed germination. Starfighter L's preemergent herbicide activity provides weed control in established perennial turf grasses and in a broad range of woody ornamental shrubs, vines and trees.

Uniform application of Starfighter L is essential for effective weed control. Following the manufacturer's directions, calibrate the sprayer prior to use, and check frequently during spraying to be certain that the product is being uniformly applied.

After application, user must thoroughly irrigate the site as soon as possible on the same day of application.

WEED RESISTANCE MANAGEMENT

For resistance management, Starfighter L is a Group 14 herbicide. Any weed population may contain or develop plants naturally resistant to Starfighter L and other Group 14 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Appropriate resistance management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

- Rotate the use of Starfighter L or other Group 14 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field.
- Use tank mixtures with herbicides from a different group if such use is permitted; where information on resistance in target weed species is available, use the less resistance-prone partner at a rate that will control the target weed(s) equally as well as the more resistance-prone partner. Consult your local extension service or certified crop advisor if you are unsure as to which active ingredient is currently less prone to resistance.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g., higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment when moving between fields, and planting clean seed.
- If a weed pest population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.
- Contact your local extension specialist or certified crop advisors for additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.
- For further information or to report suspected resistance, contact Aquatrols Corporation of America at 1-800-257-7797 or at Aquatrols.com.

USE RESTRICTIONS

For all use sites:

- Mechanically pressurized handguns may only be used for applications to golf course turf.
- The minimum retreatment interval (RTI) between applications is 60 days.
- Total applications of oxadiazon of all physical forms must not exceed 6.0 lbs a.i./A/year if this product is used on the same site with other formulations.

For oxadiazon uses on non-agricultural turf sites (e.g., golf courses, parks, athletic fields):

- A maximum single application rate of 3.0 lbs a.i./A and maximum annual application rate of 3.0 lbs a.i./A, with use limited to one application per year.
- Application of this product may be followed by one or more applications of a granular oxadiazon product. Total applications of oxadiazon of all physical forms must not exceed 6.0 lbs a.i./A/year when a liquid application has been applied.
- DO NOT apply more than 0.945 gallons Starfighter L per acre, or more than 2.78 fl. oz. of product per 1000 sq. ft. per year (rates equivalent to 3 lbs. a.i./A) in a single application.
- DO NOT apply more than 0.945 gallons Starfighter L per acre to St. Augustine or Bentgrass turf (equivalent to 3 lbs. a.i./A) in a single application.
- DO NOT make more than 1 application of Starfighter L to a treated area of non-agricultural turf (e.g., golf courses, parks, athletic fields) per year.
- This product may be applied [to dormant turf in late winter or early spring] as the first application of the calendar year. This product may not be applied to any turf area that has already been treated with a granular formulation of oxadiazon within the same calendar year.
- On golf course turf only: total applications of oxadiazon of all physical forms are limited to 30% of the total managed turf area of a golf course per year. Applications may be made to any turf surface type, including fairways, tees, greens, roughs, non-playable turf surfaces, or other managed turf areas. This 30% limit may be applied to the same or different turf areas from one year to the next.
- Applications made using backpack sprayers may only be used for spot treatments (treatment of a maximum of 1000 square feet per acre).
- On golf courses: A minimum 10-foot-wide untreated vegetative buffer must be maintained between the treated area and any surface water features.

- DO NOT use Starfighter L on residential turfgrass.
- DO NOT allow domestic animals to graze treated areas.
- DO NOT apply Starfighter L to Bentgrass turf mowed to 3/8 inch or less.
- DO NOT apply Starfighter L to newly seeded areas.
- DO NOT apply to Dichondra or Centipedegrass.
- DO NOT apply to putting greens or tees as the cultural practices used may be incompatible with Starfighter L use.
- DO NOT seed into areas treated with Starfighter L within 4 months of the last application except as directed in the label text below.

For oxadiazon uses on agricultural turf sites (i.e., sod farms):

- A maximum single application rate of 3.0 lbs a.i./A and a maximum annual application rate of 6.0 lbs a.i./A from all physical forms.
- DO NOT apply more than 0.945 gallons Starfighter L per acre, or more than 2.78 fl. oz. of product per 1000 sq. ft. per year (rates equivalent to 3 lbs. a.i./A) in a single application.
- DO NOT apply more than 0.945 gallons Starfighter L per acre to St. Augustine or Bentgrass turf (equivalent to 3 lbs. a.i./A) in a single application.
- DO NOT make more than 2 applications of Starfighter L to a treated area of agricultural turf (i.e., sod farms) per year.
- A minimum 10-foot-wide untreated vegetative buffer must be maintained between the treated area and any surface water features.
- DO NOT allow domestic animals to graze treated areas.
- DO NOT apply Starfighter L to Bentgrass turf mowed to 3/8 inch or less.
- DO NOT apply Starfighter L to newly seeded areas.
- DO NOT apply to Dichondra or Centipedegrass.
- DO NOT seed into areas treated with Starfighter L within 4 months of the last application except as directed in the label text below.

For oxadiazon uses on woody ornamental shrubs and trees, rights-of-way, ornamental nurseries, and conifer nurseries:

- A maximum single application rate of 2.0 lbs a.i./A, and a maximum annual application rate of 2.0 lbs a.i./A, with use limited to one application per year.
- Applications made using backpack sprayers may only be used for spot treatments (treatment of a maximum of 1000 square feet per acre).

PRECAUTIONS

Avoid contamination of water intended for irrigation and domestic use.

TURF

Use in dormant established Bermudagrass, St. Augustinegrass* and Zoysia turf-in non-residential settings such as golf course fairways, lawns, and parks for control of Crabgrass, Goosegrass, Annual Bluegrass, Annual Sedge and Virginia Buttonweed.

To ensure an accurate and effective application of Starfighter L, calculate the turf area to be treated, mow and rake area free of leaves and cuttings, if necessary to allow the spray access to the soil surface, and spray the requisite amount uniformly over the treatment area. After application, user must thoroughly irrigate the site as soon as possible on the same day of application. Make application at least 2-3 weeks prior to green-up.

DO NOT USE ON ST. AUGUSTINE GRASS OR ZOYSIA TURF IN CALIFORNIA.

Newly Sprigged Zoysia (Hawaii only): Apply Starfighter L to Zoysiagrass being grown for sod after sprigging. Sprays of Starfighter L must reach the soil surface to be effective; irrigate turf after application if rainfall is not imminent.

PREEMERGENCE WEED CONTROL ON TURF

WEEDS CONTROLLED	Starfighter L FL. OZ. PER 1000 sq. ft.	DIRECTIONS
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Crabgrass (<i>Digitaria</i> spp.) Goosegrass (<i>Eleusine indica</i>) Annual Bluegrass (<i>Poa annua</i>)* Annual Sedge (<i>Cyperus compressus</i>)*	1.85-2.8	Make application in late winter or early spring before weed seed germination and spring greenup begin. Application made after weed germination has begun will not be optimal. Application at this time will control spring germinating <i>Poa annua</i> only.
Virginia Buttonweed (<i>Doidia virginiana</i>)	2.8	Apply in 0.75 – 3.5 gallons of water 1000 sq. ft.

*Not currently registered in California

ANNUAL WEED CONTROL DURING BERMUDAGRASS ESTABLISHMENT FROM SPRIGS

WEEDS CONTROLLED	Starfighter L FL. OZ. PER 1000 sq. ft.	DIRECTIONS
Crabgrass, Goosegrass, and Annual Sedge	1.85	Use 0.75 – 3.5 gallons of water per 1000 sq. ft. treated Leave soil surface undisturbed post application to maximize the effectiveness of the herbicide barrier. Irrigation or rainfall immediately after application will give optimal results.

ORNAMENTALS AND CONIFER NURSERIES

WOODY ORNAMENTAL SHRUBS AND TREES, RIGHTS-OF-WAY, ORNAMENTAL NURSERIES, AND CONIFER NURSERIES:

May not be applied to ornamentals in residential properties.

For use by professional applicators only.

Starfighter L provides annual grass and broadleaf weed control when applied before weed seed germination begins. It can be applied to established and newly transplanted ornamentals in any season, but do not apply during bud break or in the four weeks following bud break. Ornamentals and groundcovers listed on this label as tolerant to Starfighter L may be sprayed over the top, otherwise direct the spray to the soil surface and avoid product contact with the foliage of desirable plants.

Starfighter L establishes an effective herbicide barrier upon watering into the soil. Subsequent disturbance of the soil by mixing or cultivation will disrupt this barrier and reduce the product's effectiveness. After application, user must thoroughly irrigate the site as soon as possible on the same day of application. Watering in the form of rainfall or overhead irrigation is necessary after over the top application in order to move Starfighter L off of the foliage and onto the soil surface. Failing to irrigate within 2 hours of application may result in plant injury.

Do not apply in greenhouses as volatilization of Starfighter L's active ingredient onto leaf surfaces may result in plant injury.

Ground Application – To ensure an accurate and effective application of Starfighter L, calculate the area of each bed to be treated, remove any existing weed growth, and then apply Starfighter L into the ornamental beds at 1.85 fl. oz. per 1,000 square feet. Make up the spray in a minimum volume of 1 gallon per 1000 square feet. See notes listed at the end of the weed listings below for species specific rate adjustments and use restrictions.

Make no more than 1 application per year.

ANNUAL BROADLEAF WEEDS		ANNUAL GRASSES	
Bittercress	(<i>Cardamine</i> spp.)	Annual Bluegrass†	(<i>Poa annua</i>)
Bristly Oxtongue†	(<i>Picris echioides</i>)	Annual Sedge†	(<i>Cyperus compressus</i>)
Carpetweed	(<i>Mollugo verticillate</i>)	*Barnyardgrass	(<i>Echinochloa crus-galli</i>)
Cheeseweed†	(<i>Malva parviflora</i>)	Carpetgrass	(<i>Axonopris offinis</i>)
*Common Groundsel	(<i>Senecio vulgaris</i>)	Crabgrass	(<i>Digitaria</i> spp.)

Common Purslane	(<i>Portulaca oleracea</i>)	Fall Panicum	(<i>Panicum dichotomiflorum</i>)
*Evening Primrose	(<i>Oenothera</i> spp.)	*Goosegrass	(<i>Eleusine indica</i>)
Fiddleneck†	(<i>Amsinckia intermedia</i>)	Green Foxtail	(<i>Setaria viridis</i>)
Fireweed†	(<i>Epilobium angustifolium</i>)	Ripgut Bromegrass†	(<i>Bromus catharticus</i>)
Florida Pusley	(<i>Richardia scabia</i>)	Wild oats	(<i>Avena fatua</i>)
*Galinsoga	(<i>Galinsoga</i> spp.)		
Golden Ragwort	(<i>Senecio aureus</i>)		
Lambsquarters	(<i>Chenopodium album</i>)		
*Liverwort	(<i>Marchantia</i> spp.)		
Oxalis	(<i>Oxalis</i> spp.)		
Pennsylvania-Smartweed	(<i>Polygonum pennsylvanicum</i>)		
Petty Spurge	(<i>Euphorbia peplus</i>)		
*Prostrate Spurge	(<i>Euphorbia upine</i>)		
Redroot Pigweed	(<i>Amaranthus retroflexus</i>)		
Shepherdspurse†	(<i>Capsella bursa-pastoris</i>)		
Speedwell	(<i>Veronica</i> spp.)		
Sow Thistle†	(<i>Sonchus oleraceus</i>)		
Spotted Catsear	(<i>Hypochaeris radicata</i>)		
*Swinecress	(<i>Coronopus didymus</i>)		
Yellow Woodsorrel	(<i>Oxalis stricta</i>)		

* Use 1.85 fl. oz. per 1000 sq. ft.

† Not currently registered in California for this use

PLANT TOLERANCE: Starfighter L may be used at label recommended rates and dilutions as an over the top spray in the following ornamentals only. For all other woody ornamental plants, apply Starfighter L as a spray directed to the soil surface, avoiding contact with foliage of desirable species.

Tolerant Ornamental Plant Species

Andorra Junper	Common Juniper	Galdiolas	Nootka Spound Cypress
Arborvitae	Cranberry	Grand Fir*	Oleander
Baby's Breath	Creeping Juniper	Hinoki Cypress	Ophiopogon
Blue Rug Juniper	Douglas Fir*	Japanese Barberry	Purple Hopseed Bush
Blue Spruce*	Eastern Red Cedar	Japanese Holly	Raphiolepis
Boxwood	Eastern White Pine	Kurogane Holly	Sawara Cypress
Canadian Hemlock*	Evergreen Euonymus	Mugho Pine	Scotch Pine
Chinese Holly	Fraser Fir*	Noble Fir*	Statice

*Not registered for use in California.

Always consult your local Extension agent or State Agricultural Specialist for Specific information regarding local weed infestation and lowest effective dosage rates.

LANDSCAPE PLANTINGS: COMMERCIAL, ROADSIDE, & INDUSTRIAL SITES:

Apply Starfighter L prior to as an over-the-top spray only on labeled ornamental weed seed germination.

AMOUNT TO USE: To ensure an accurate and effective application of Starfighter L, calculate the area of each planting to be treated, remove any existing weed growth, and then apply Starfighter L into the planting at 1.85 fl. oz. per 1000 sq. ft. Do not use drift control agents or any other adjuvants. Failure to irrigate within 2 hours of application may result in plant injury.

CROP TOLERANCE: The plants listed in the table below may be treated with Starfighter L in an over the top spray.

Tolerant Plant Species

Large Leaf Ice Plant	African Trailing Daisy
English Ivy	Common Periwinkle
Algerian Ivy	Bigleaf Periwinkle

TANK-MIX COMBINATIONS: Ornamental Plantings and Non-cropland Areas Use a tank mix of Starfighter L plus Avocet or Avocet LPX to control existing weeds and to prevent emergence of weeds from seed. Weeds listed on the respective labels will be controlled by this herbicide combination.

When making any tank mixes a compatibility test must be performed to insure that the tank mix partners are compatible under the conditions of application.

Fill a clean, wide-mouth quart jar $\frac{3}{4}$ full with the diluent water. Add 1.2 fl. oz. Starfighter L the jar. Shake well, then add proportional amounts of the other intended ingredients in the following order: dry flowables, wettable powders, liquid flowables, soluble concentrates, emulsifiable concentrates, and surfactants or compatibility agents; shaking well after each addition. Bring the final volume to 1 qt after the last product has been added and shake well. The final mixture should be uniform and smooth with no evidence of coagulation, precipitation, gelling, or separation. If incompatibility is evident, begin test again with a compatibility agent added first. If this does not smooth the mixture, try higher concentration or other compatibility agents. Dilution of the products with equal parts of water before adding to jar may improve the mixture.

When tank-mixing with other products, Starfighter L should be the first product added to the spray tank. With the agitation on add Starfighter L to the tank. Allow at least five minutes for the products to disperse completely before adding other ingredients. Continue agitating while adding other products in the order given for the jar test. Add remainder of water after addition of products is complete.

PRECAUTION: Do not allow solutions containing non-selective herbicides such as Avocet/Avocet PLX solution to mist, drip, drift or splash onto desirable vegetation since minute quantities of this product can cause severe damage or destruction to the crop, plants or other areas on which treatment was not intended. The likelihood of injury occurring from the use of this product is greatest when winds are gusty or in excess of 5 miles per hour or when other conditions, including lesser wind velocities, will allow spray drift to occur. When spraying, avoid combinations of pressure and nozzle type that will result in splatter of fine particles (mist) which are likely to drift.

BROADCAST APPLICATION RATES:

Starfighter L / Avocet®		
Existing Annual and Broadleaf Weeds	Starfighter L Fluid Ounces Per 1000 sq. ft.	Avocet®/Avocet PLX Fluid Ounces per 1000 sq. ft.
Less than 6" tall	1.85	1 – 10
Greater than 6" tall	1.85	1 – 10
Existing Perennial	1.85	1 – 10.4

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE Do not store in or around the home.

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

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ 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, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of this product, which are beyond the control of Aquatrols Corporation of America or Seller. All such risks shall be

assumed by Buyer and User, and Buyer and User agree to hold Aquatrols Corporation of America and Seller harmless for any claims relating to such factors.

Aquatrols Corporation of America warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Aquatrols Corporation of America and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, Aquatrols Corporation of America MAKES NEITHER WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

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