



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511M)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

93740-8

Date of Issuance:

8/26/2025

NOTICE OF PESTICIDE:

☒ Registration

☐ Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

FireHawk™ Bioherbicide Plus
Ready to Use Spray Mixture

Name and Address of Registrant (include ZIP Code):

Contact Biosolutions USA, Inc.
4947 US 75 Avenue
Maurice, IA 51036

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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 U.S. Environmental Protection Agency. In order to protect health and the environment, the Administrator, on his or her 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 the 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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

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

Signature of Approving Official:

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

Date:

8/26/2025

2. Make the following labeling change before you release this product for shipment:
 - Revise EPA Registration Number to read, "EPA Reg. No. 93740-8."
3. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

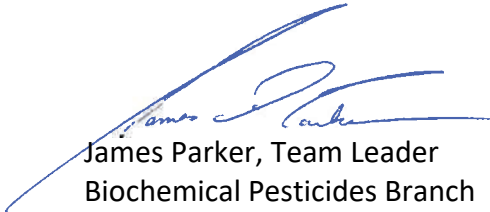
Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to 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. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 12/26/2024

If you have any questions, please contact Gina Burnett via email at burnett.gina@epa.gov.

Sincerely,



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

Enclosure

ACCEPTED

Aug 26, 2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 93740-8

FIREHAWK™ BIOHERBICIDE PLUS READY TO USE SPRAY MIXTURE*

Editorial Notes:

Bold, italicized text is information for the reader and is not part of the label.

Bracketed text [] is optional text and a 'place holder' for graphics.

Text separated by a backslash '/' denotes 'and/or' options.

Refer to APPENDIX 1 for Consolidated List of Label Claims; APPENDIX 2 for Packaging Related Claims and APPENDIX 3 for Packaging Related Instructions.

[Insert Brand Name and Logo]

[Insert Claims from Appendix 1 or 2]

BIOHERBICIDE FOR THE CONTROL OF WEEDS IN GARDENS, PATHS, DRIVEWAYS, AROUND SHEDS, AND SPOT SPRAYING IN LAWNS; ALSO CONTROLS MOSS AND ALGAE.



ACTIVE INGREDIENTS:

Nonanoic acid..... 2.76%

OTHER INGREDIENTS 97.24%

TOTAL..... 100.00%

*Alternate Brand Names: FireHawk™ Bioherbicide Plus Ready to Use, FireHawk™ Bioherbicide Plus RTU

Keep Out of Reach of Children

CAUTION

See (back/ side) (panel/ booklet/ label) for first aid and precautionary statements.

Alternative Text: [See container label for [complete] use directions, first aid and precautionary statements.]

NET (Insert Net contents FL OZ or GAL, see Appendix 2) (Insert Metric Conversion)

Net contents of final printed labeling based on various commercial sizes to be marketed

[Insert 2D code/ PPN code/ LB code]

EPA Reg. No: 93740-

EPA Est. No: ☐ 93740-THA-1
☐ 96130-GA-1

Manufactured for:
CONTACT BIOSOLUTIONS USA, INC.
4947 US 75 AVENUE
MAURICE, IA 51036

Batch Code: _____

Optional Instructions for Booklet

[OPEN/ ABRA]

[Open booklet for details]

[Press to Reseal]

[Resealable Label for Directions & [Precautions/ First Aid]

SHAKE WELL BEFORE USE

Optional text for [FireHawk™ Bioherbicide Plus Ready to Use Spray Mixture Spray Bottle with Trigger Sprayer] [FireHawk™ Bioherbicide Plus Ready to Use Spray Mixture Bottle with Remote Trigger Sprayer]

[The FAST and EASY Way to [Kill/ Control/ Burndown] Weeds!] [Insert Claims from Appendix 1 or 2]

[DID YOU KNOW?] [Insert Brand Name for EPA# 93740-xx] [Insert Claims from Appendix 1 or 2]

FireHawk™ Bioherbicide Plus Ready to Use Spray Mixture Spray Bottle with Trigger Sprayer [Unscrew cap] [Remove lidding film] [Screw on Trigger Sprayer] [Turn/ Twist] [spout/knob] to Stream or Spray] [Spray [Weeds]]

FireHawk™ Bioherbicide Plus Ready to Use Spray Mixture Bottle with Remote Trigger Sprayer [Unscrew cap] [Remove lidding film] [Screw on Remote Trigger Sprayer] [Turn/ Twist] [spout/knob] to Stream or Spray] [Spray [Weeds]]

FireHawk™ Bioherbicide Plus Ready to Use Spray Mixture Refill Bottle

Pour refill into [empty/ Insert Packaging Type] container

[or] [Connect/ Screw] [Remote Trigger Sprayer] [on/ to/ this] [Container/ Bottle] Do NOT add water [Picture of Droplet 

Multi-Purpose Lawn and Garden Pump Sprayer

[Unscrew cap] [Connect hose

Extend [Wand/ Insert Applicator Name] [Add

[Cone/Shield]]

Twist Nozzle [and/ &] Pump & Spray [Weeds]

Battery Operated Sprayer Containers

Connect hose

Extend [Wand/ Insert Applicator Name] [Add

[Cone/Shield]]

Twist Nozzle [and/ &] Spray [Weeds]

Quick Connect Sprayers

[Pull tubing out]

[Connect Hose/ Insert into cap [(until it clicks)]]

[Flip cap up/ Flip up spout/ [Turn/ Twist] [spout/knob] to ON] Adjust nozzle [&] Spray/ weeds]

WHERE TO USE

- Around Flower Beds/ Landscaped Beds/ Vegetable Gardens
- Around Trees/Tree Rings & Mulch Beds
- Driveways & Walkways/ Patios/ Gravel Areas
- Along Fences/ Fence Lines & Foundations

HOW TO USE *Select applicable packaging type below*

FireHawk™ Bioherbicide Plus Ready to Use Spray Mixture Bottle with Remote Trigger Sprayer: Insert 'HOW TO ASSEMBLE AND USE INSTRUCTIONS' from Appendix 3

**Optional Section:
PRODUCT FACTS**

[[CONTROLS/ KILLS/ BURNS DOWN/ BURNDOWN] WEEDS/ [CONTROLS/ KILLS/ BURNS DOWN/ BURNDOWN] [ALL TYPES OF] WEEDS, GRASSES & MOSS] [ON CONTACT]

[[Container] [covers/ treats] [insert X value from Appendix 2] sq ft] [Spot spray or spray evenly over [insert X value from Appendix 2] sq ft]

[Coverage may vary based on the number, type or size of weeds treated in a given area.] [Insert Claims from Appendix 1 or 2]

HOW IT WORKS:

This product is a fast-acting non-selective contact herbicide for control [or burndown] of many annual and perennial weeds. Treated plants will turn from green to brown or black usually as fast as [1/ 3/ 6] hours. Larger or more difficult to control plants may take longer to develop symptoms. Development of symptoms occurs fastest in warm sunny conditions. For best results, spray coverage should be uniform and complete. Plants should be actively growing less than five inches in size and not covered with soil or heavy dew. Some weeds will require multiple applications every 2-3 weeks for complete control. The product can be used in cultivated areas prior to planting flowers or grasses. [Treated areas can be re-sown 1 day after treatment.] Do not spray on desirable plants.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Always read and follow label directions.

WHERE TO USE

- [On [patios/ walkways/ driveways/ gravel areas/ or/ mulch beds]
- [In flower beds/ vegetable gardens/ & [landscaped beds/ landscaping]]
- [Around shrubs & trees]
- [[Edging] Along fences/ & foundations/ retaining walls]

For Refill Containers Only: HOW TO ASSEMBLE AND USE INSTRUCTIONS

[Insert Applicator Name or Packaging Type/ Directions] [Insert Instructions & Graphics from Appendix 3]

***For Ready-To-Use Refill Containers Only
(REFILL DIRECTIONS)***

[This product can be used as a refill in [2/ two] ways:] [1.] Use this product to refill the empty [Insert Brand Name for 93740-xx] container by pouring product carefully and directly into the container. DO NOT add water. [2.] [Insert Applicator Name] can be reused with this [refill] [bottle/ container]. Follow the instructions below to disconnect the [Insert Applicator Name/ wand] from the [empty] [bottle/ container] and reconnect to the cap on this [bottle/ container].]

HOW TO APPLY: Select applicable packaging type below [***FireHawk™ Bioherbicide Plus Ready to Use Spray Mixture Spray Bottle with Trigger Sprayer***] [***FireHawk™ Bioherbicide Plus Ready to Use Spray Mixture Bottle with Remote Trigger Sprayer***][***Multi-Purpose Lawn and Garden Pump Sprayer***][***Battery Operated Sprayer Containers***][***Quick Connect Sprayers***]

- Follow illustrations and/or instructions in the How to Assemble and Use Instructions section.
- Spray the weeds or grasses you want to [kill/ control/ burndown] until **thoroughly wet**.
- [When spot treating [weeds] around desirable plants, shield plants from drift with a [sheet/ piece] of cardboard or plastic.] If desirable plants are accidentally sprayed, rinse off immediately with water [or cut off treated area].

Trigger Sprayers

- Adjust nozzle to the desired spray setting ((Stream or Spray)).

- Spray the weeds or grasses you want to control until **thoroughly wet**.
- When spot treating weeds around desirable plants, shield plants from drift with a piece of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water (or cut off treated area).

IMPORTANT: Do not spray plants or grasses you like – they will be harmed. Not recommended for spot weed control in lawns since this product harms lawn grasses. Do not allow treated weeds to come in contact with desirable plants until spray has dried.

For [Flower bed and] Garden [plot] Preparation

Use [this product/ Insert Brand Name] to [control/ kill/ burndown] weeds, grasses and brush before planting flowers, fruits, vegetables, trees or shrubs.

- [If [soil is dry/ or/ weeds are drought stressed], water before application and 2 to 3 days after application.]
- [Apply evenly over treatment area.]
- [Wait 1 to 3 days after last application before planting garden [flowers, trees and shrubs].]

WHEN TO APPLY

Apply when weeds are actively growing. [Use anytime weeds [and grasses] are actively growing.]

- [Apply when weeds are small and before seeds form.]
- For best results, apply during warm, sunny weather above 60° F. Development of visible results could be delayed in cool or cloudy conditions.
- Spray when air is calm to prevent drift to desirable plants.
- RAINPROOF [Protection:]: Rain or watering [1/ 2] hours] after application will NOT wash away effectiveness. Do not apply if rainfall is expected within 2 hours.
- Weeds yellow and wilt within hours. Some weeds will require multiple applications every 2-3 weeks for complete control.

Optional Section:

HOW TO REFILL

For Ready-To-Use Containers with Applicators Intended to be Reused/ Refilled

This container and [remote] trigger sprayer can be reused. To refill this empty container, pour product carefully and directly from the [Insert Brand Name for EPA# 93740-xx] container designated as the ready-to-use refill container. DO NOT add water.

For Battery Operated Sprayers with Wand Containers

The [Insert Applicator Name/ wand] can be reused with the [Insert Brand Name for EPA# 93740-xx] refill [bottle/ container]. Read and follow instructions in REFILL DIRECTIONS section to reuse the [Insert Applicator Name/ wand/ applicator].

Optional Section: Battery Operated Sprayer ONLY Select Any of the Options Below

HOW TO CLEAN:

- [Battery operated [wand/ Insert Applicator Name] may be used with other Contact Biosolutions USA, Inc brand products, it will replace any sprayer fitted with a quick-connect cap.]
Alternative Text: [Before using the [wand/ Insert Applicator Name] with other Contact Biosolutions USA, Inc brand products, clean the sprayer thoroughly.]
- [Disconnect sprayer unit from the [quick-connect/ bottle] cap.]
- [Place ONLY the end of the hose into a bucket of water and spray continuously for 30 seconds onto [bare soil or gravel/ treated area].]
Alternative Text: [Rinse sprayer and sprayer parts [including the [cone/ shield]] with water 3 times. Spray rinse water on [bare soil or gravel/ treated area]. Discard empty sprayer bottle as instructed in DISPOSAL section.]
Alternative Text: [Rinse sprayer with water 3 times and then spray [clean] water through sprayer for 30 seconds.] [Spray rinse water on [bare soil or gravel/ treated area].]
- [Connect [wand/ Insert Applicator Name] to any Contact Biosolutions USA, Inc brand product with a quick-connect cap.]
- [Failure to properly clean sprayer before using with other Contact Biosolutions USA, Inc brand products may cause damage to your plants.]

Optional Section: Select from the list below**WEEDS CONTROLLED**

[Controls/ Burndown/ Kills] [insert from the list below]] [and other broadleaf weeds/ and other grassy weeds/ and/ moss]. **Alternative Text:** [[CONTROLS/ BURNDOWN/ KILLS]] WEEDS [AND/ &/ ,] GRASSES [AND/ &/ ,] [MOSS] INCLUDING/ [WEEDS CONTROLLED INCLUDE:]

COMMON NAMES**[TAXONOMIC NAMES]**

Broadleaf Weeds:

Algae	[Gloeocapsa magma]
Bittercress, hairy	[Cardamine hirsuta]
Chickweed, common	[Stellaria media]
Chickweed, mouse-ear	[Cerastium vulgatum]
Cocklebur, common	[Xanthium strumarium]
Corn spurry	[Spergula arvensis]
Cudweed, purple	[Gnaphalium purpureum]
Groundsel	[Senecio spp.]
Lambsquarters, common	[Chenopodium album]
Liverwort	[Machantia spp.]
Marestail or Horseweed rosettes	[Conyza canadensis]
Morningglory, annual	[Ipomoea spp.]
Moss	[Bryophyta]
Mustards	[Brassica spp.]
Oxalis or Woodsorrel	[Oxalis stricta]
Pansy, wild	[Viola tricolor]
Plantain	[Plantago spp.]
Pigweed, smooth and redroot	[Amaranthus spp.]
Mallow, roundleaved	[Malva spp.]
Moneywort	[Lysimachia nummularia]
Shepherdspurse	[Capsella bursa-pastoris]
Sorrel, sheep	[Rumex acetosella]
Spurge, spotted	[Euphorbia maculata]
Field pennycress	[Thlaspi arvense]
Velvetleaf	[Abutilon theophrasti]

Grass and Other Weeds:

Bentgrass, colonial	[Agrostis tenuis]
Bluegrass, annual	[Poa annua]
Crabgrass, large	[Digitaria sanguinalis]
Fescue, creeping red	[Festuca rubra]
Fescue, hard	[Festuca ovina]
Nimblewill	[Muhlenbergia scheberi]
Onion, wild	[Allium canadense]
Ryegrass, perennial	[Lolium perenne]
Star-of-Bethlehem	[Ornithogalum nutans]

Weeds Moderately Difficult to Control

Bermudagrass (Wireweed)	[Cynodon dactylon]
Dandelion	[Taraxacum officinale]
Nutsedge, yellow	[Cyperus esculentus]
Ragweed, common	[Ambrosia artemisiifolia]

STORAGE AND DISPOSAL *Select applicable packaging type below:*

Non-Sprayer (Refill) Containers:

PESTICIDE STORAGE: Store product in original container in a safe place away from direct sunlight. Keep from freezing. If frozen, allow to thaw and shake well before using.

[FireHawk™ Bioherbicide Plus Ready to Use Spray Mixture U Spray Bottle with Trigger Sprayer]

[FireHawk™ Bioherbicide Plus Ready to Use Spray Mixture Bottle with Remote Trigger Sprayer]:

PESTICIDE STORAGE: Rotate nozzle to closed position. Store product in original container in a safe place away from direct sunlight. Keep from freezing. If frozen, allow to thaw and shake well before using.

For Containers with Refill Instructions:

PESTICIDE DISPOSAL AND CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container unless the directions for use allow a different concentrated or ready-to-use product to be diluted in or poured directly into the container. Reuse or refill this container according to the directions contained in the HOW TO REFILL section.

For Containers without Refill Instructions:

PESTICIDE DISPOSAL AND CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. [[Insert Applicator Name] can be reused with [this] [Insert Brand Name for EPA# 93740-xx] [refill] [bottle/ container]. Follow instructions in the REFILL DIRECTIONS section when reusing the [Insert Applicator Name/ wand].]

ALL Packaging Types:

If Empty: Place in trash or offer for recycling, if available. **If Partly Filled:** Call your local solid waste agency [or Insert Telephone Number] for disposal instructions. Never place unused product down any indoor or outdoor drain.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS**KEEP OUT OF REACH OF CHILDREN**

CAUTION: Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long-sleeved shirt and long pants, shoes plus socks and Waterproof or chemical-resistant gloves such as barrier laminate, nitrile, rubber or neoprene rubber gloves.

FIRST AID	
IF IN EYES	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes. • Call a poison control center [Insert Telephone Number] or doctor for treatment advice.
IF ON SKIN OR CLOTHING	• Take off contaminated clothing • Rinse skin immediately with plenty of water for 15 – 20 minutes • Call a poison control cent or doctor for treatment advice.
Emergency Medical Information: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact [Insert Telephone Number] for emergency medical treatment information. [This product is identified as [Insert Brand Name], EPA Reg. No. 93740-xx.]	

ENVIRONMENTAL HAZARDS: To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

NOTICE: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.

(Guaranteed Satisfaction*)

Optional Section***CONSUMER GUARANTEE**

If for any reason you are not satisfied after using this product, simply send us original proof of purchase and we will refund the purchase price.

Optional Spanish Translations:

[Insert Label Language in Spanish as Applicable]

Base Label Information:

Insert applicable instruction along side of base label:

[Resealable Label for Directions & (Precautions/ First Aid)]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

KEEP OUT OF REACH OF CHILDREN

CAUTION: Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long-sleeved shirt and long pants, shoes plus socks and Waterproof or chemical-resistant gloves such as barrier laminate, nitrile, rubber or neoprene rubber gloves. People and pets may enter treated area after spray has dried.

FIRST AID	
IF IN EYES	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eyes. • Call a poison control center [Insert Telephone Number] or doctor for treatment advice.
IF ON SKIN OR CLOTHING	• Take off contaminated clothing • Rinse skin immediately with plenty of water for 15 – 20 minutes • Call a poison control cent or doctor for treatment advice.
EMERGENCY MEDICAL INFORMATION: Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact [Insert Telephone Number] for emergency medical treatment information. [This product is identified as [Insert Brand Name], EPA Reg. No. 93740-XX.]	

ENVIRONMENTAL HAZARDS: To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

Insert Applicable Storage and Disposal Statements from Section above per Packaging Type

EPA Reg. No: 93740-

EPA Est. No: ☐ 93740-THA-1
☐ 96130-GA-1

Manufactured for:
Contact BioSolutions USA, Inc.
4947 US 75 Avenue
Maurice, IA 51036

Batch Code: _____

APPENDIX 1: Consolidated List of Label Claims

- **Product guarantee statement for use throughout*** [Guaranteed Satisfaction/ Consumer Guarantee]
If for any reason you are not satisfied after using this product, simply send us the original proof of purchase and we will refund the purchase price.
- A single application [controls/ burns down/ kills] [most/ many/ common] weeds [and grasses]
- Active ingredient [is] derived from [biologically derived fatty acids] [including/ such as] [soybean/ soy/ plant/ oils/ and fats] [using a synthetic process]
- Some weeds will require multiple applications every 2-3 weeks to [control] new growth.
- Absorbs on contact, starts working immediately [[with] visible results in as fast as [[1/ 3/ 6] hours]]
- [Also] use for jobs such as vegetable and flower garden preparation
- Before/ After
- Begins working on contact
- Begins to control on contact, [with] visible results in as fast as [1 /3/ 6] hours
- Can be used [to control weeds/ for weed control] [in xeriscaping/ to maintain xeriscapes]
- Consumer Guarantee* [see/ open] [booklet/ label] for details] **qualify guarantee**
- Contact herbicide
- [Contains/ Has added] Surfactant
- Contains Nonanoic [Acid]
- Contains nonanoic acid, a herbicide derived from [biologically derived fatty acids] [including/ such as] [soybean/ soy/ plant/ oils/ and fats] [using a synthetic process]
- [Control[s]/ Burndown/ Acts] on contact
- [Controls/ Burndown/ Kills] existing weeds, is not a pre-emergent
- [Control/ Burndown/ Kills] existing weeds only, no residual activity in soil
- [Control/ Burndown/ Kills] Ugly, Annoying Weeds
- [Controls/ Burndown/ Kills] weeds [, even in your flowerbeds]
- [Controls/ Burndown/ Kills] weeds and grasses in – Patios – Driveways – Sidewalks – Ornamental Gardens and other non-lawn areas
- [Controls/ Burndown/ Kills] what you directly spray [, no residual [herbicidal] activity in soil]
- [Control/ Burndown/ Kills] algae and moss [on contact]
- [Controls/ Burndown/ Kills] [all types of] weeds and grasses [on contact]
- [Controls/ Burndown/ Kills] both broadleaf and grassy weeds [on contact]
- [Control[s]/ Burndown/ Kill] weeds in flowerbeds, around trees, shrubs and fences, and on patios, paths, sidewalks, sidewalk cracks, walkways, driveways, and other areas around [your/the] home
- [Control[s]/ Burndown/ spray] weeds in flower beds and around fences, trees, shrubs, driveways, walkways and shrubs, in and around fences, patios, paths, sidewalk cracks, walkways
- Deactivates in soil
- Do NOT add water
- Does not have [residual] soil activity
- Draw the line™ [[with/ against] weeds] [in your [yard/ landscaping]]
- Fast-acting [formula]
- Fast-acting for visible results as fast as [1 /3/ 6] hours]
- Fast-acting weed and grass killer
- Fast-acting grass and weed control spray
- For [control/ or/ burndown] of [unwanted] weeds and grasses [and moss] [on contact]
- For general control of weeds and grasses [and moss]
- For non-selective control of broadleaf and grassy weeds [in and around the garden]
- For weed control in and around the home and garden
- [Formulated] for [outdoor] residential use [only]
- From the leader in [non-selective] weed control
- Got Weeds – Get [Insert Brand Name weed & grass killer products]
- Great for driveways, sidewalks, patios and mulched beds
- Guaranteed [Results/ Satisfaction]* **qualify guarantee**

- Hard on weeds, easy on you [* / versus/ vs./ compared to/ hand pulling] **qualify, must select from optional text**
- Herbicidal soap
- [Helps] protect the good in your garden
- Ideal for control of unwanted weeds and grasses [throughout your yard]
- Ideal for spot treatment on driveways, sidewalks and patios
- Ideal for use in [flower and vegetable] gardens
- Ideal for [vegetable] garden weed control
- Intended for [outdoor] residential use
- [Kills/ Controls] [to] the root
- Larger or more difficult to control plants may take longer to develop symptoms
- Multipurpose grass and broadleaf weed control
- No mix Formula
- Outdoor use only
- People and pets can enter treated area after spray has dried
- [Provides/ See] Visible results as fast as [[1/ 3/ 6] hour[s]]
- Rainproof Protection in [1 hour/ 2 hours] [, after application]
- [RainFast/ RainProof/ Rainproof Protection:] [in [1 hour/ 2 hours] [for control that won't wash away]
- Rainproof in [1 hour/ 2 hours]!
- Rapid burndown [formula]
- [Rapid burndown/ control/ of] [unwanted/ undesirable] weeds [and grasses]
- [Insert Brand Name] can be used [almost] anywhere weeds and grasses grow, including paver patios, walkways and driveways; along fences; under decks; in [landscaped/ mulched] beds; or around flowers, shrubs and trees
- Speed Guaranteed! **qualify**
- Starts working immediately [with] visible results as fast as [1/ 3/ 6] hour[s]
- Suitable for use around flower beds, trees, shrubs, fences, walks and spot treatment in lawns
- [Use along fences; in cracks of walks, drives and patios; and around flower beds, trees and shrubs
- Use along fences, paths, paver patios, sidewalks and driveways, around trees, shrubs, ornamental plantings, flowerbeds, and buildings, under decks and in brick and gravel walkways.
- Use around flower beds, trees and shrubs
- Use around fruit and vegetable gardens
- [Use] For Landscaping: Use to prepare areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flowerbeds or similar plantings.
- [Use] For Spot Spraying: Use in and around flowerbeds, ornamental, shrubs, fences, driveways and walkways
- Use in and around vegetable gardens
- Use [in/ around] [vegetable] gardens, flower beds, tree rings and mulched beds, as well as on cracks in driveways, walkways and patios
- Use on landscape beds and around garden plants
- Use to prepare sites: for large plantings, for planting flowerbeds, fruit trees, ornamentals, vegetables and gardens
- Use to trim and edge landscape areas.
- Use with confidence in gardens and landscapes
- Visible effects are gradual wilting and yellowing advancing to complete [browning/ burn down]
- Visible Results as fast as [1/ 3/ 6] hour[s]!
- Water-based formula
- Weed and grass control [spray]
- Will not build up in soil to hurt desirable plants growing nearby
- Works on [Insert or Select from Weed List]

Promotional Offering Options

All registered pesticide products for promotional offerings will include EPA required labeling

- [Insert #] Bottles [Included]
- [Insert value]% [Free/ More] [than X] **qualify**
- [Insert Value]% More in Each Bottle [than X] **qualify**
- [Insert value]% More [Value size] [than X] **qualify**
- [Insert #] Refill[s] [Included/ Attached]
- [Insert Dollar Amount] Rebate
- A [Insert dollar amount] Value
- Bonus [Size/ Pack/ Pak]
- Bundle Pack
- Buy [insert # bottles] Get [insert dollar amount/ insert X%] Off
- Can be used in [Insert Packaging Type/ Container/ Sprayer]
- Can be used to REFILL [Insert Packaging Type/ Container/ Sprayer]
- Club [Pack/ Pak/ Size]
- Combo [Pack/ Pak/ Size]
- [CONE/ SHIELD] INCLUDED!
- Free [Insert Description] with this purchase of [Insert Brand Name] [Insert Container Size]
- FREE [CONE/ SHIELD]
- FREE [Insert Brand Name] [Insert Amount] [VALUE]
- Free [Insert Container Size] [Insert Brand Name] [Refill] [Included/ Attached/ Inside/ With Purchase/ Coupon]
- FREE [Insert Brand Name] SAMPLE [Included/ Attached/ Inside/ With Purchase]
- FREE REFILL [with purchase [of Insert Brand Name]]
- FREE [Insert Brand Name of EPA# 93740-xx] SAMPLE [Included/ Attached/ Inside/ With Purchase]
- Great Value [insert value from Appendix 2] gallons [and/ &] [covers/ treats] [Insert Value from Appendix 2 table] sq ft]
- Larger size* **qualify** *compared to [insert bottle size]
- Larger size [covers up to [Insert value] sq ft]
- NEW [PACKAGE][FORMULA]! **Use only if new package or formulation**
- NOT FOR INDIVIDUAL SALE **For use on individual units without barcodes, which are part of a multipack or copack**
- NOW! **Use only if new package or formulation**
- Refill [Included]
- Refill Size
- [Insert Packaging Type/ Sprayer] Refill
- SAMPLE NOT FOR SALE
- Save up to \$[Insert Value] on [your] next purchase
- TWIN [PACK/ PAK]
- Value [Pack/ Pak]
- VALUE [SIZE/ SIZED]

APPENDIX 2: Packaging Related Claims

Calculation of Spray and Weed Coverage

To determine how many square feet can be treated, divide the number of fluid ounces by 128 and multiply by 300 (X= Net contents (fl oz) ÷ 128 x 300 sq ft)

NET CONTENT SKU Size	Spray Coverage
24 FL OZ (1 PT 8 FL OZ/ 1.5 PT)	• Treats 56 sq ft
30 FL OZ (1 PT 14 FL OZ/ 1.875 PT)	• Treats 70 sq ft
32 FL OZ (¾ GAL/ 1 QT)	• Treats 75 sq ft
64 FL OZ (½ GAL/ 2 QT)	• Treats 150 sq ft
1 GALLON (128 FL OZ)	• Treats 300 sq ft
1.1 GALLON (141 FL OZ)	• Treats 330 sq ft
1.25 GALLON (160 FL OZ)	• Treats 375 sq ft
1.33 GALLON (170 FL OZ)	• Treats 400 sq ft
275 GALLON (35200 FL. OZ)	• Treats 82,500 sq ft

Other Packaging Related Claims

General:

- Accurate
- Accurately targets [what/ the weeds] you want to [spray/ kill/ control/ burndown]
- Accurately targets [precisely/ exactly] [what/ the weeds] you want to [spray/ kill/ control/ burndown]
- Adjustable [spray/ sprayer] [nozzle/ pattern] [for maximum control/ to meet your needs]
- Be smarter than your weeds
- Change the way you spray
- Convenient
- No Mix[ing], No Mess
- No Mixing [necessary] [No measuring]
- [Easy/ Convenient/ Handy] To Use
- Easy to store
- Easy-To-Use [Insert Applicator Name]
- Fast and easy [application/ way to spray]
- Give your hands a break
- [Great/ Ideal] for [large/ big] or small [jobs/ areas]
- No leaks or mess
- [Precise/ Precision] control – [sprays/ targets/ only what you want]
- [Precise /Precision] control for maximum accuracy
- Pre-mixed, pre-measured, easy-to-use
- Quick [& and] easy to use
- Quickly covers large areas
- Recycle symbol
- Redesigned [Insert Applicator Name/ Sprayer]
- Refillable [Container]
- Requires no mixing
- Reusable [Insert Applicator Name] [sprayer/ container]
- [Save/ Saves] time and energy
- Targeted spray
- Targets weeds [in tight/ hard to reach/ places]

- The easy way to [kill/ control] weeds
- [The/ A] fast [and easy] way to [control/ burndown/ kill/ spray/ treat] weeds
- The [fast/ easy] way to spray
- [You're/ It's] always ready to spray

Multi-Purpose Lawn and Garden Pump Sprayer

- Consistent spray [for maximum accuracy]
- Continuous[, adjustable] spray
- Easy to use tank sprayer
- Extendable wand provides greater accuracy without bending over
- No [More] Hand Fatigue
- No constant trigger [squeezing /pulling]
- No more squeeze, squeeze, squeeze
- No more tired [aching] hands
- [Insert Applicator Name] [Provides] Up to [10/ Insert #] minutes of continuous spray

Refill Container

- Don't Forget Your Refill
- Just [connect/ plug in] [Insert Applicator Name/ Comfort Wand/ Sure Shot Wand] and it's ready to spray
- Pour refill [directly] into [Insert Packaging Type] [container/ sprayer]
- [Ready-To-Use] Refill [Available]
- [Refills/ Recharges/ Reloads/ Renewals] [Insert Applicator Name] [sprayer]
- Reuse with [Insert Applicator Name]
- The fast and easy way to refill your [Insert Packaging Type] [container/ sprayer]
- There is no mixing and no measuring, you just [pour/ connect] and go
- Works with [Insert Applicator Name]

Battery Operated Sprayer with Wand:

- [Insert Applicator Name] [includes/ including/ plus/ with] [multi-pattern/ fan/ foam/ spray/ and/ &/ stream] [nozzle/ setting[s]]
- [Insert Applicator Name] [with] [extended reach/ continuous spray]
- [Insert Brand Name of Batteries] Batteries included
- Battery [Operated/ Powered]
- Consistent spray [for maximum accuracy]
- Continuous[, adjustable] spray
- Customize your spray pattern
- Extendable [Insert Applicator Name] spray wand
- Multi-pattern nozzle
- Multiple spray [patterns/ settings] [can make/ makes] your job easy
- Multiple spray [patterns/ settings] adjusts to meet your needs
- [One-Touch] [Precision] Wand
- Power Sprayer [for large areas]
- The powerful way to spray
- [Use] Fan [shaped] spray [pattern/ setting] [to cover/ covers/ for treating] [big/ large] [areas/ jobs]

Battery Operated Sprayer with Extendable Wand:

- [Insert Applicator Name] gives you an easy way to [kill/ control/ burndown/ target] weeds
- [Adds control so] [the spray] [only] goes where you want it to go
- [Avoid accidental spray to [surrounding/ nearby] [flowers/ and/ vegetables/ desirable plants]
- [Bending [down/ over] to [kill/ control/ burndown] weeds is [a thing of the past/ in the past/ no longer needed]
- [Cone/ Shield] attaches to the bottle [stores easily] [when not in use]
- [Cone/ Shield] helps protect [nearby/ desirable plants/ flowers] [from spray/ drift/ damage] [even in windy conditions]
- [Cone/ Shield] keeps the spray contained so wind won't carry it to [desirable plants/ flowers and shrubs].
- [Cone/ Shield] helps protects [nearby plants/ desirable plants] [from splashing/ from spray]
- [Control/ Kill/ Burndown] weeds confidently in your garden [with the [Insert Applicator Name/ Sure Shot® Wand]]
- Direct application reduces unintended damage to nearby plants [from the wind] [due to accidental spray]
- Easily get[s] into [deep,] hard-to-reach [areas/ places]
- [Extend/ Reach] [Wand/ Insert Applicator Name]
- Extended [Reach/ Continuous Spray] with/ extended reach/ with continuous spray]
- [Extended/ Extendable] wand puts more distance between you and the spray
- Extends 2 feet [so no more [bending over/ aching back]]
- Focus the spray [where you need it most/ where you want it to go/ on the leaves]
- Helps [contain/ isolate/ target] [the/ product/ spray]
- Helps keep the spray on the weed
- Helps protect desirable [plants/ vegetation] [such as] [flowers/ shrubs/ vegetables]
- Ideal for tough to reach [weeds/ places] found in [landscaping/ landscaped/ mulch/ mulched/ flower/ beds/ and/ vegetable gardens]
- Ideal for use in [flower/ garden beds/ and/ hard to reach places]
- Ideal for [use/ targeting] weeds in hard to reach [areas/ places]
- Ideal for [use/ targeting] weeds on driveways, sidewalks and patios
- [Insert Applicator Name/ with [protective/ cone/ shield]] [lets/ allows] you [can/ to] [kill/ control/ target] [bad/ unwanted/ weeds] while [comfortably] guarding the [good/ desirable plants]
- [Just/ Simply] spray the leaves to [kill/ control/ burndown] the weed
- [Lightweight/ and/ durable] applicator
- [Protective] [cone/ shield] makes it easier to [kill/ control/ burndown] weeds [in more places]
- Excellent for controlling weeds in [areas where desirable plants are abundant/ like/ gardens and flowerbeds]
- Pinpoint the weeds [you want] to [kill/ control/ burndown]
- [Precisely] Target[s] [hard to reach weeds/ the weeds you want to [kill/ control/ burndown]
- [Protective] [cone/ shield] fits over weeds to help contain spray [even in windy conditions]
- [Protective] [cone/ shield] helps [focus/ target] the spray on the weed[s]
- [Protective] [cone/ shield] [at the end of the wand] fits over the weed [(like an umbrella)] [so the spray is contained/ to help contain the spray]
- Reach[es] into tight [places/ areas] weeds like to grow
- Removable [protective] [cone/ shield]
- [Sprayer provides the best way to] Focus the spray on the leaves where it does the most [good/ damage]
- [Extended/ Reach/ Continuous Spray] Wand [with extended reach/ with continuous spray]
- Target[s] hard to reach [weeds] [places/ areas]
- Targets the weed[s] under the [cone/ shield]
- The extra long wand [lets/ allows] you [to] treat weeds with [ease/ easily]
- [Use [cone/ shield] to] [Confidently] spray weeds in [garden/ landscaped/ mulch/ beds] [without the worry of harming nearby [flowers/ or/ shrubs/ desirable plants]]
- [Use in and around] [Ideal for targeting weeds in] [flower beds/ gardens/ vegetable beds/ garden beds/ mulch beds/ ornamentals/ shrubs/ fences/ driveways/ sidewalks/ patios/ and/ hard to reach places]
- Use with the [protective/ cone/ shield] for targeted application [in landscaped beds/ in flower beds/ in garden beds/ in mulch [beds/ areas] / and/ around desirable plants]
- Use without the [protective/ cone/ shield] on [patios/ walkways/ driveways/ and/ gravel areas]
- [Wand/ Insert Applicator Name] extends [to the top of the weeds for direct application] [2 feet] [letting you more precisely [pinpoint/ focus on] [the weeds you want to [kill/ control/ burndown/ target]]]

- [Wand/ Insert Applicator Name] [extends 2 feet] [to] Reduce[s] [back] bending [and the] [continuous spray wand helps reduces hand fatigue] [putting more distance between you and the spray]
- [Wand/ Insert Applicator Name] [provides] precision control to [maximize every spray/ get the most effect from every spray]

APPENDIX 3: Packaging Related Instructions

QUICK CONNECT SPRAYER

1. Remove sprayer. Pull cord/tubing ALL THE WAY OUT.
2. Insert (Insert Color) plug into (spout/ knob/ opening) on cap [until it clicks].
3. Turn (spout/ knob) to ON. **Alternative Text:** Flip up [Insert Color] spout until fully upright.] [[Flip up] spout must remain up while spraying.] [Open/ Adjust] nozzle [at end of sprayer] to the desired spray setting [(foam or spray)].

Multi-Purpose Lawn and Garden Pump

- 1. Remove**
 - Connect [wand/ Insert Applicator Name] [from] [side/ carrier/ holder/ clip/ bottle].
 - Pull connector by slightly twisting from [side/ carrier/ holder/ clip/ bottle] and unwrap hose completely.
- 2. Connect**
 - Insert [Insert Color] plug at end of hose into [spout/ knob/ opening] on cap [until it clicks]. Turn [spout/ knob] to ON. **Alternative Text:** [Flip up [Insert Color] spout until fully upright.] [[Flip up] spout must remain up while spraying.]
- 3. Extend**
 - Flip open [wand/ Insert Applicator Name] until it clicks/tightens and locks into position.
- 4. Spray**
 - Slide trigger lock on [wand/ Insert Applicator Name] handle to the unlocked position.
 - Twist nozzle to desired spray pattern.
 - Point [Insert Applicator Name] nozzle away from body and hold [Insert Color] trigger for continuous spray.

REFILL CONTAINER

How to attach [Insert Applicator Name/ wand] to [Insert Brand Name for 93740-XX] [Refill] [Bottle/ Container]:
Removing [Insert Applicator Name] from original empty [bottle/ container]:

1. Remove the [Insert Applicator Name/ wand] by pulling the [Insert Color] plug from the [Insert Color] [spout/ opening/ knob] on cap.
2. At the bottom of the side [clip/ carrier/ holder] press the middle tab up and slide the [clip/ carrier/ holder] upwards to remove it from the empty [bottle/ container].

Adding [Insert Applicator Name] to [Insert Brand name for 93740-XX] [Refill] [bottle]:

3. Slide the side [clip/ carrier/ holder] downward on the knob located [on the] [right-hand] side of the refill [bottle/ container].
4. [Insert [Insert Color] plug at end of hose into [Insert Color] [spout/ knob/ opening] on cap until it clicks.]

BATTERY OPERATED SPRAYER with Wand

Wand Safety Sticker or Printed on the Handle: Always lock after use **Alternative Text:** [Always lock sprayer when opening and closing]

5. Remove

- Remove [wand/ Insert Applicator Name] [from] [side/ carrier/ holder/ clip/ bottle].
- Pull connector by slightly twisting from [side/ carrier/ holder/ clip/ bottle] and unwrap hose completely.
- Remove protective strip from battery compartment to activate batteries.

6. Connect

- Insert [Insert Color] plug at end of hose into [spout/ knob/ opening] on cap [until it clicks]. Turn [spout/ knob] to ON. **Alternative Text:** [Flip up [Insert Color] spout until fully upright.] [[Flip up] spout must remain up while spraying.]

7. Extend

- Flip open [wand/ Insert Applicator Name] until it clicks and locks into position.

8. Spray

- Slide trigger lock on [wand/ Insert Applicator Name] handle to the unlocked position.
- Twist nozzle to desired spray pattern.
- Point [Insert Applicator Name] nozzle away from body and hold [Insert Color] trigger for continuous spray.

Important Use Information: Do not submerge in water. When storing sprayer for long periods, remove batteries.

BATTERY OPERATED SPRAYER with Extendable Wand

Wand Safety Sticker or Printed on the Handle: Always lock after use **Alternative Text:** [Always lock sprayer when opening and closing]

4. Remove

- Remove [wand/ Insert Applicator Name] [from] [side/ carrier/ holder/ clip/ bottle].
- [Pull connector by slightly twisting from [side/ carrier/ holder/ clip/ bottle] and unwrap hose completely.]
- Remove protective strip from battery compartment to activate batteries.

2. Connect

- Insert [Insert Color] plug at end of hose into [spout/ knob/ opening] on cap [until it clicks]. Turn [spout/ knob] to ON. **Alternative Text:** [Flip up [Insert Color] spout until fully upright.] [[Flip up] spout must remain up while spraying.]
- [Remove [protective] [cone/ shield] [from side clip/ from bottle] and attach over nozzle [for targeted application].]

3. Extend

- Flip open [wand/ Insert Applicator Name] until it clicks and locks into position.
- [Extend [wand/ fully].]

4. Spray

- Slide trigger lock on [wand/ Insert Applicator Name] handle to the unlocked position.
- Twist nozzle to desired spray pattern.
- [Place the [cone/ shield] [on the ground] over weeds or grasses you want to [kill/ control].] [Use the cone/ shield] to cover the weeds or grasses you want to [kill/ control].]
- Point [Insert Applicator Name] nozzle away from body and hold [Insert Color] trigger for continuous spray.
- [[Cone/ Shield] can be removed when applying product to [areas such as] [driveways/ walkways/ patios/ and/ gravel].]

Important Use Information: Do not submerge in water. When storing sprayer for long periods, remove batteries.

BATTERY REPLACEMENT SECTION- BATTERY OPERATED SPRAYER WITH WANDS ONLY

To replace batteries: Open battery compartment at bottom of [wand/ Insert Applicator Name] [Insert illustration]. Remove used batteries and replace with new [AA/ alkaline] batteries [in correct position as marked inside battery compartment] [or per illustration]. Securely close battery compartment door. Always use a complete set of the same type when replacing batteries. Best performance is achieved with alkaline batteries. Never mix alkaline, carbon-zinc or rechargeable batteries. Dispose of used batteries according to manufacturer's instructions or in household trash.

Optional Section for Battery Operated Sprayer Only: IMPORTANT SPRAYER INFORMATION

- Read and follow all directions before use.
- [Insert Applicator Name] is to be used only with Contact Biosolutions USA, Inc. brand products with a quick-connect cap. [Insert Applicator Name] may not be compatible with other products.
- Do not drop or throw sprayer.
- Do not [submerge/ immerse] sprayer in water. Never place sprayer in dishwasher.
- Do not use soap or other cleaning agents to clean sprayer. If necessary, clean outer sprayer surface only with damp towel.
- Insert batteries in their correct (+/-) position. Remove batteries for winter storage or when storing product for long periods of time.
- Always use a complete set of new alkaline batteries. Never mix alkaline, carbon-zinc, or rechargeable batteries.
- Always follow the manufacturer's instructions for battery disposal and use.
- Purge [Insert Applicator Name] of liquid for winter storage or place [wand/ Insert Applicator Name] in a heated storage area.

Optional Section:

TROUBLESHOOTING SECTION FOR BATTERY OPERATED SPRAYER

[Troubleshooting Section for [Battery Powered/ Comfort Wand/ One-Touch Wand/ Extendable Wand/ Extended Wand/ Sure Shot Wand/ Insert Applicator Name] Directions]

Troubleshooting Tips:

Problem: Sprayer does not [spray/ function].

Possible Cause: Batteries not installed properly.

Solution: See instructions for correct battery placement.

Problem: Sprayer makes a straining noise. [Sprayer runs but no product comes out].

Possible Cause: Nozzle is turned Off.

Solution: Twist nozzle to desired spray pattern.

Possible Cause: [Insert Color] plug at end of hose is not [flipped up/ open].

Solution: Insert [Insert Color] plug at end of hose into [spout/ knob/ opening] on cap [until it clicks] and [flip up spout/ flip up spout until fully upright/ [turn/ twist] [spout/ knob] to ON.]

Possible Cause: Sprayer is not primed.

Solution: Press and hold button on sprayer for about [10 / 15 / 20 / 30] seconds to prime the sprayer.

Problem: Spray pattern is weak [or uneven]. [Product flow is uneven or dribbles out of nozzle].

Possible Cause: Weak batteries.

Solution: Install a fresh set of alkaline batteries.

Possible Cause: [Insert Color] plug at end of hose is not [in the fully upright position/ in the ON position].

Solution: Insert [Insert Color] plug at end of hose into [spout/ knob/ opening] on cap [until it clicks].

[Attach coupler to the cap] and [flip up spout/ flip up spout/ flip up] spout until fully upright/ [turn/ twist] [spout/knob] to ON.]

Possible Cause: Sprayer nozzle not fully open.

Solution: [Turn/ Twist] nozzle to desired spray pattern.