

ShutOut™

ACTIVE INGREDIENTS:

2,4-D, 2-ethylhexyl ester	30.17%
Mecoprop-p acid	6.16%
Carfentrazone-ethyl	0.62%

INERT INGREDIENTS:

.	63.05%
TOTAL	100.00%

THIS PRODUCT CONTAINS:

1.60 lbs. 2,4-dichlorophenoxyacetic acid equivalent per gallon or 19.98%.

0.50 lb. (+)-R-2-(2-methyl-4-chlorophenoxy)propionic acid equivalent per gallon or 6.16%.

0.05 lb. Ethyl α ,2-dichloro-5-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]-4-fluorobenzenepropanoate per gallon or 0.62%.

Contains petroleum distillate. Isomer Specific by AOAC Methods.

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
IF ON SKIN:	<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 treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN: Contains petroleum distillate—vomiting may cause aspiration pneumonia.

SEE INSIDE FOR ADDITIONAL PRECAUTIONARY STATEMENTS

SN 020705

EPA Reg. No.: 2217-869-5905

EPA Est. No. 2217-KS-1

NET CONTENTS: 2.5 Gallons (9.46 Liters)

30 Gallons (113.55 Liters)

**DISTRIBUTED BY
HELENA CHEMICAL COMPANY
225 SCHILLING BOULEVARD, SUITE 300
COLLIERVILLE, TENNESSEE 38017**

PEEL BACK BOOK HERE AND RESEAL AFTER OPENING

READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
CAUTION

Causes moderate eye irritation. Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart.

NON-WPS USES:

Applicators and other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) – in general, only agricultural-plant uses are covered by the WPS – must wear the following:

- When mixing, loading or applying this product, wear long-sleeved shirt, long pants, socks, shoes, and chemical-resistant gloves.

Personal Hygiene Statement For Non-WPS Uses:

After using this product, rinse gloves before removing, remove clothing and laundry separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

Engineering Control Statements For Non-WPS Uses:

Containers over 1 gallon and less than 5 gallons: Persons engaged in open pouring of this product must also wear coveralls or a chemical resistant apron.

Containers of 5 gallons or more: Do not open-pour from this container. A mechanical system (such as probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal.

WPS USES:

Applicators and other handlers who handle this pesticide for any uses covered by the Worker Protection Standard (40 CFR Part 170) – in general agricultural-plant uses are covered – must wear the following:

- Long-sleeved shirt and long pants.
- Chemical-resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber or Viton gloves.
- Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. After each day of use, clothing or PPE must not be reused until it has been cleaned.

Engineering Control Statements For WPS Uses:

Containers over 1 gallon and less than 5 gallons: Mixers and loaders who do not use a mechanical system (probe and pump) to transfer the contents of this container must wear coveralls or a chemical-resistant apron in addition to the other required PPE.

Containers of 5 or more gallons: Do not open-pour product from this container. A mechanical system (such as a probe and pump or spigot) must be used for transferring the contents of this container. If the contents of a non-refillable pesticide container are emptied, the probe must be rinsed before removal. If the mechanical system is used in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4)], the handler PPE requirements may be reduced or modified as specified in the WPS.

When handlers use closed systems or enclosed cabs 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 RECOMMENDATIONS:

Users should:

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

ENV

Carfentrazone is very toxic to algae and moderate adversely affect aquatic invertebrates and nontarget, or to intertidal areas below the mean high water cleaning equipment, do not pour the washwater sources.

Most cases of groundwater contamination involve mixing, loading and disposal sites. Caution should prevent contamination of groundwater supplies. Use ability of spills. Placement of the mixing/loading contamination.

I

It is a violation of Federal law to use this product. Do not apply this product in a way that will contact may be in the area during application.

For any requirements specific to your State or Trib

AGRICU

Use this product only in accordance with its label. This standard contains requirements for the product handlers of agricultural pesticides. It contains recommendations and specific instructions and exceptment and restricted-entry interval. The requirements Protection Standard.

Do not enter or allow worker entry into treated areas

For early entry to treated areas that is permitted until has been treated, such as plants, soil, or water, use the following:

- coveralls over long-sleeved shirt and long pants
- chemical-resistant gloves such as barrier laminate
- shoes plus socks.

NON-AGRIC

The requirements in this box apply to uses of the agricultural pesticides (40 CFR Part 170). The WPS for forests, nurseries, or greenhouses.

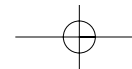
Re-entry Statement: Do not allow people (other than the applicator) to enter the treated areas until spray has dried.

PI

ShutOut™ contains three active ingredients including ethyl is in the aryl triazolinone family and inhibits photosynthesis.

ShutOut™ offers these advantages:

- Excellent postemergent activity with proven performance.
- Superior cool weather performance.
- High selectivity (turfgrass safety) in established crops.
- Good toxicological, environmental, and ecological properties.
- Carfentrazone-ethyl combinations provide effective control of weeds such as spurge, pennywort [dollarweed], dandelion, and chickweed.
- The speed of action (rate of phytotoxicity) and timing of application. Generally, plant death can occur within 7-14 days.

**RECTIONS CAREFULLY.**

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follow the instructions for cate-

tection Standard (40 CFR Part

d chemical-resistant gloves.

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ENVIRONMENTAL HAZARDS

Carfentrazone is very toxic to algae and moderately toxic to fish. This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. 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. When cleaning equipment, do not pour the washwater on the ground; spray or drain over a large area away from wells and other water sources.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP-p have been associated with mixing, loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP-p pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

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 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 personal protective equipment and restricted-entry interval. 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 48 hours.

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, wear:

- coveralls over long-sleeved shirt and long pants.
- chemical-resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber or Viton gloves.
- 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 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.

Re-entry Statement: Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried

PRODUCT DESCRIPTION

ShutOut™ contains three active ingredients including carfentrazone-ethyl that broaden the spectrum of weed control. Carfentrazone-ethyl is in the aryl triazolone family and inhibits protoporphyrinogen oxidase (Protox), a pivotal enzyme in chlorophyll production.

ShutOut™ offers these advantages:

- Excellent postemergent activity with proven performance for broadleaf weed control in turfgrass.
- Superior cool weather performance.
- High selectivity (turfgrass safety) in established cool season turfgrass and warm season turfgrass.
- Good toxicological, environmental, and ecological properties compared to the standards.
- Carfentrazone-ethyl combinations provide effective weed control for common and troublesome weed species in turfgrass (e.g., spurge, pennywort [dollarweed], dandelion, and white clover).
- The speed of action (rate of phytotoxicity) and the early injury symptoms are unique features of carfentrazone-ethyl combinations. Generally, plant death can occur within 7-14 days.

SPRA

ShutOut™ is an emulsifiable concentrate the water as a diluent.

Water as diluent:

Add one-half the required amount of water with water. To prevent separation of the e

This product forms an emulsion and can s

mixture. Storage of the spray mixture bey

Do not use tank additives that alter the p

range as appropriate.

Liquid fertilizers as diluents:
Use suitable sources and rates of fertilize

uid fertilizers (e.g., UAN or urea solutions

Spray distribution: The accuracy and u

Power sprayers fitted with a boom or spr

distribution and coverage, select a spray

equipped with appropriate flat fan nozzle

• Calibration and proper application are e

• Over-application or rates above those r

• Hand-held technique: Wands fitted with

be waved in a back-and-forth motion, c

stationary at the proper height. Side-to-

Spray volumes of 20-175 gallons per acr

dense weed populations.

Hand operated sprayers including backp

grass areas when power equipment is un

This product may cause injury to suscep

injury to susceptible crops and other desi

den/vegetable crops, and ornamentals (fi

mist (fine droplets). Applications are recor

growth periods. Do not apply when cond

After using this product, clean sprayer v

before applying other pesticides.

ShutOut™ provides selective broadleaf c

• *Institutional sites* are defined as turf area

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roughs), and office buildings.

• *Ornamental sites* include turfgrass esta

tional buildings, recreation areas, fairgr

• *Residential/domestic sites* are defined i

complexes, condominiums, and patient

• *Agricultural site:* Commercial sod produ

• *Noncropland sites:* Highway rights-of-w

road shoulders, road embankments, div

Prohibitions of Sites:

• Do not apply to any body of water suc

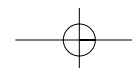
to any shorelines (noncropland sites a

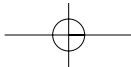
estuaries (salt water bays).

• Do not apply to wetlands (swamps, bog

• Do not apply to agricultural irrigation w

• Do not apply to agricultural drainage w





aquatic invertebrates. Drift or runoff may or to areas where surface water is predisposing of equipment washwater. When je area away from wells and other water

and MCPP-p have been associated with MCPP-p pesticides at such sites to pre- rring this pesticide will reduce the prob- tain spills will help prevent groundwater

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res of carfentrazone-ethyl combinations.

SPRAY PREPARATION AND TANK MIXTURES

ShutOut™ is an emulsifiable concentrate intended for dilution with water. In certain applications, liquid fertilizer may replace part of the water as a diluent.

Water as diluent:

Add one-half the required amount of water to the spray tank, then add **ShutOut™** slowly with agitation, and complete filling the tank with water. To prevent separation of the emulsion, mix thoroughly and continue agitation while spraying.

This product forms an emulsion and can separate upon extended or prolonged standing. Re-agitate to assure uniformity of the spray mixture. Storage of the spray mixture beyond 72 hours is not recommended.

Do not use tank additives that alter the pH of the spray solution below pH 5 or above pH 8. Buffer the spray solution to alter the pH range as appropriate.

Liquid fertilizers as diluents:

Use suitable sources and rates of fertilizer based upon local recommendations. Refer to the mixing directions on the labels of the liquid fertilizers (e.g., UAN or urea solutions). Always perform a jar compatibility test before large-scale mixing.

GROUND EQUIPMENT

Spray distribution: The accuracy and uniformity of the herbicide application is the sole responsibility of the applicator.

Power sprayers fitted with a boom or spray wand/gun may be used for broadcast applications and spot treatments. For best spray distribution and coverage, select a spray volume and delivery system that will ensure accurate and uniform coverage. Boom sprayers equipped with appropriate flat fan nozzles, tips, and screens are suitable for broadcast applications.

- Calibration and proper application are essential when using this product.
- Over-application or rates above those recommended on this label can cause turf injury.
- Hand-held technique: Wands fitted with flat fan nozzle tips may be used with the appropriate technique. Flat fan nozzles should not be waved in a back-and-forth motion, or in a side-to-side motion, or in a swinging arm motion. Instead, the nozzle should be held stationary at the proper height. Side-to-side motion results in uneven coverage.

Spray volumes of 20-175 gallons per acre with spray pressures adjusted to 20-40 psi are appropriate. Use higher spray volumes for dense weed populations.

Hand operated sprayers including backpack sprayers, compression sprayers, and knapsack sprayers are appropriate for small turfgrass areas when power equipment is unavailable, uneconomical, or impractical.

This product may cause injury to susceptible/nontarget plants at the use site by contacting the foliage, stems, or roots. To prevent injury to susceptible crops and other desirable broadleaf plants including but not limited to cotton, legumes, tobacco, tomatoes, garden/vegetable crops, and ornamentals (flowers, trees, and shrubs) avoid contact with the spray solution, spray droplets, and spray mist (fine droplets). Applications are recommended only when there is no potential hazard from spray drift during dormant and active growth periods. Do not apply when conditions are conducive to spray drift from the use site to untreated areas.

After using this product, clean sprayer with soap or detergent and water, or an approved spray tank cleaner and rinse thoroughly before applying other pesticides.

WHERE TO USE

ShutOut™ provides selective broadleaf control in warm season and cool season turfgrass in five (5) use sites.

- **Institutional sites** are defined as turf areas around properties or facilities providing a service to public or private organizations including, but not limited to hospitals, nursing homes, schools, museums, libraries, sport facilities, golf courses (fairways, aprons, and roughs), and office buildings.
- **Ornamental sites** include turfgrass established around residences, parks, streets, retail outlets, cemeteries, industrial and institutional buildings, recreation areas, fairgrounds, and areas adjacent to athletic fields.
- **Residential/domestic sites** are defined as areas associated with the household or home life including, but not limited to apartment complexes, condominiums, and patient care areas of nursing homes, mental institutions, hospitals, or convalescent homes.
- **Agricultural site:** Commercial sod production
- **Noncropland sites:** Highway rights-of-way (principal, interstate, county, private, and unpaved roads): Roadsides, roadside ditches, road shoulders, road embankments, dividers, and medians. Municipal, state, and federal lands: Airports and military installations.

Prohibitions of Sites:

- Do not apply to any body of water such as lakes, streams, rivers, ponds, reservoirs, or estuaries (salt water bays). Do not apply to any shorelines (noncropland sites adjacent to the edges of a body of water) for lakes, streams, rivers, ponds, reservoirs, or estuaries (salt water bays).
- Do not apply to wetlands (swamps, bogs, potholes, or marshes).
- Do not apply to agricultural irrigation water or on agricultural irrigation ditchbanks and canals.
- Do not apply to agricultural drainage water or on agricultural ditchbanks.

Turfgrass tolerance:

The turfgrass tolerance to **ShutOut™** spray tank additives (e.g., adjuv concentrates may reduce the se

Prohibitions:

Do not apply this product to St clovers are present.

Early postemergent applications broadleaf weeds that are young herbicides and provides little or **ShutOut™** may be applied as a or fall. Spring and fall treatments mer broadcast applications to o Sequential broadcast applicator mature weeds, for dense infesta Spot treatments during the sumr are susceptible.

Extremes in environmental cond ity of **ShutOut™**. Under warm expression of herbicide symptom

For newly seeded areas:

The application of **ShutOut™** to

For newly sodded, sprigged,

The application of **ShutOut™** to ding, sprigging, or plugging ope

For dormant turf:

This product may be applied to

Reseeding interval:

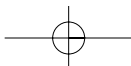
Treated areas may be reseeded

Prohibitions for application s

- Do not broadcast apply when peratures exceed 90°F.

USE

Generally, the lower application higher application rates within t environmental conditions, or for The maximum application rate to broadcast applications per treat The maximum seasonal rate of c pounds of carfentrazone-ethyl p turfgrass is two (2) to six (6) wee Use rates and spray volumes of



MIXTURES

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turfgrass in five (5) use sites.

a service to public or private organizations includ-
port facilities, golf courses (fairways, aprons, and

s, retail outlets, cemeteries, industrial and institu-
s.

ir home life including, but not limited to apartment
titutions, hospitals, or convalescent homes.

and unpaved roads): Roadsides, roadside ditches,
f federal lands: Airports and military installations.

voirs, or estuaries (salt water bays). Do not apply
r) for lakes, streams, rivers, ponds, reservoirs, or

s and canals.

Turfgrass tolerance:

The turfgrass tolerance to **ShutOut™** may vary and temporary turfgrass yellowing may occur. Environmental conditions and certain spray tank additives (e.g., adjuvants, wetting agents, surfactants), liquid fertilizers, and tank mixtures containing other emulsifiable concentrates may reduce the selectivity on the turfgrass.

Prohibitions:

Do not apply this product to St. Augustinegrass, bentgrass greens, carpetgrass, dichondra, legumes, and lawns where desirable clovers are present.

APPLICATION SCHEDULES

Early postemergent applications of **ShutOut™** are recommended for annual, biennial, and perennial weeds. Apply **ShutOut™** to broadleaf weeds that are young and actively growing for the best results. **ShutOut™** combines a contact herbicide with systemic herbicides and provides little or no residual activity at recommended use rates.

ShutOut™ may be applied as a single broadcast application or as a split/sequential broadcast applications in the spring, summer, or fall. Spring and fall treatments under adequate soil moisture conditions are preferred to the summer treatments. Generally, summer broadcast applications to older, drought stressed weeds are less effective.

Sequential broadcast applications or follow-up applications as spot treatments at a 2- to 6-week interval are recommended for more mature weeds, for dense infestations, and for adverse environmental conditions.

Spot treatments during the summer may be appropriate for sparse infestations, or as a follow-up treatment anytime broadleaf weeds are susceptible.

Extremes in environmental conditions (e.g., temperature and moisture), soil conditions, and cultural practices may affect the activity of **ShutOut™**. Under warm moist conditions, herbicide symptoms may be accelerated. While under very dry conditions, the expression of herbicide symptoms is delayed, and weeds hardened off by drought are less susceptible to **ShutOut™**.

For newly seeded areas:

The application of **ShutOut™** to grass seedlings is recommended after the second mowing.

For newly sodded, sprigged, or plugged areas:

The application of **ShutOut™** to newly sodded, sprigged, or plugged grasses should be delayed until 3 to 4 weeks after the sodding, sprigging, or plugging operations.

For dormant turf:

This product may be applied to fully dormant bermudagrass, fully dormant zoysiagrass, and fully dormant bahiagrass.

Reseeding interval:

Treated areas may be reseeded 2 weeks after application.

Prohibitions for application schedules:

- Do not broadcast apply when air temperatures exceed 90°F; some injury may be expected with spot treatments when air temperatures exceed 90°F.

HOW MUCH TO USE

USE RATES AND SPRAY VOLUMES FOR TURFGRASS

Generally, the lower application rates within the specified range will provide satisfactory control of sensitive weed species. The higher application rates within the specified range will be required for dense infestations of perennial weeds, for adverse/extreme environmental conditions, or for weeds beyond the appropriate growth stages.

The maximum application rate to turf is 1.0 pound 2,4-D acid equivalent per acre per application per site. The maximum number of broadcast applications per treatment site is 2 per year.

The maximum seasonal rate of carfentrazone-ethyl contained in this product with two (2) broadcast applications to turfgrass is 0.062 pounds of carfentrazone-ethyl per acre per season. The retreatment interval for sequential broadcast applications of this product on turfgrass is two (2) to six (6) weeks depending upon the growth stages of the target weeds.

Use rates and spray volumes of **ShutOut™** as a broadcast treatment for use on turfgrass are presented in Table 1.

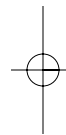


TABLE 1. RATE RECOMMENDATIONS FOR SOD FARMS, ORNAMENTAL LAWNS AND TURFGRASS

Species	Amount of Product	Spray Volume	Amount of Product	Spray Volume
	Pints/Acre	Gallons/Acre	fl. oz./1,000 sq. ft.	Gallons per 1,000 sq. ft.
Cool Season Turf				
Kentucky bluegrass	3.0 - 4.5	2 - 175	1.1 - 1.6	0.5 - 4.0
Annual bluegrass	3.0 - 4.5	2 - 175	1.1 - 1.6	0.5 - 4.0
Annual ryegrass	3.0 - 4.5	2 - 175	1.1 - 1.6	0.5 - 4.0
Perennial ryegrass	3.0 - 4.5	2 - 175	1.1 - 1.6	0.5 - 4.0
Tall fescue	3.0 - 4.5	2 - 175	1.1 - 1.6	0.5 - 4.0
Red or fine leaf fescues	3.0 - 4.5	2 - 175	1.1 - 1.6	0.5 - 4.0
Creeping bentgrass (excluding greens)	3.0 - 4.5	2 - 175	1.1 - 1.6	0.5 - 4.0
Colonial bentgrass (excluding greens)	3.0 - 4.5	2 - 175	1.1 - 1.6	0.5 - 4.0
Mixtures of cool season species established for aesthetic purposes	3.0 - 4.5	2 - 175	1.1 - 1.6	0.5 - 4.0
Mixtures of cool season species in noncropland areas established for roadside vegetation management or for low maintenance. (Kentucky bluegrass, tall fescue, smooth brome grass and orchardgrass)	3.0 - 4.5	2 - 175	1.1 - 1.6	0.5 - 4.0
Warm Season Turf				
Common bermudagrass	2 - 4	2 - 175	0.75 - 1.5	0.5 - 4.0
Hybrid bermudagrass	2 - 4	2 - 175	0.75 - 1.5	0.5 - 4.0
Zoysiagrass	2 - 4	2 - 175	0.75 - 1.5	0.5 - 4.0
Bahiagrass	2 - 4	2 - 175	0.75 - 1.5	0.5 - 4.0

NOTE: Maximum control of weeds will be obtained with early to mid-spring or mid to late fall applications. Higher rates, listed above, should be used in warmer temperatures (above 70°F).

SPOT TREATMENTS WITH HAND-OPERATED SPRAYERS (INCLUDING BACKPACK SPRAYERS, COMPRESSION SPRAYERS, AND KNAPSACK SPRAYERS)

- Calibration and proper application are essential when using this product.
- Over-application or rates above those recommended on this label including excessive overlaps of this product can cause turf injury.
- Uniform applications are essential when using this product.
- Hand-held techniques: Wands fitted with flat fan nozzle tips may be used with the appropriate technique. Flat fan nozzles should not be waved in a back-and-forth motion, or in a side-to-side motion, or in a swinging arm motion. Instead, the nozzle should be held stationary at the proper height. Side-to-side motions result in uneven coverage.
- For cool season turfgrass, mix 1.1-1.6 fl. oz. of **ShutOut™** per one (1.0) gallon of water for treatment of approximately 1,000 sq. ft. of turfgrass. Apply any time the emerged broadleaf weeds are susceptible.
- For warm season turfgrass, mix 0.75-1.5 fl. oz. of **ShutOut™** per one (1.0) gallon of water for treatment of approximately 1,000 sq. ft. of turfgrass. Apply any time the emerged broadleaf weeds are susceptible.

ShutOut™ may be tank mixed with other herbicides EPA-registered for use on turfgrass to broaden the weed control spectrum compared to the products alone. These tank mixtures must be used according to the most restrictive label limitations and precautions. No label dosage rate should be exceeded. Follow the labeling of each companion product for precautionary statements, directions for use, dosage rates, and application schedules. Tank mixture recommendations are for use only in states where the companion products and application site are registered.

CULTURAL TI

Irrigation:

- Do not apply this product through any type of irrigation.
- Do not apply this product immediately before rain fall.

Mowing:

- Delay mowing 1 to 2 days before and after the application.

BROADLE

ShutOut™ will control or suppress the following broadleaf weeds:

Aster, white heath & white prairie	English daisy
Bedstraw	False dandelion
Beggarweed, creeping	(*spotted catsear & common catsear)
Bindweed	Field bindweed
Black medic	(*morningglory & creeping jenny)
Broadleaf plantain	Field oxeye-daisy
Buckhorn plantain	(*creeping oxeye)
Bull thistle	Filaree, whitestem & Florida pusley
Burclover	Ground ivy
Burdock, common	Groundsel
Buttercup, creeping	Hawkweed
Carpetweed	Healall
Chickweed, common	Henbit
Chicory	Innocence
Cinquefoil	(Blue-eyed Mary)
Clover	Lambsquarters
Compassplant	Lawn burweed
Curly dock	Lespedeza, common
Dandelion	Mallow, common
Dayflower	Matchweed
Deadnettle	Mouseear chickweed
Dock	
Dogfennel	

*Synonyms

STORA

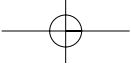
Do not contaminate water, food, or feed by storage.

STORAGE: Store in original container in a locked storage area.

PESTICIDE DISPOSAL: Pesticide wastes are acutely toxic. Improper disposal is a violation of Federal law and may contaminate the environment. For more information, contact your state Pesticide or Environmental Protection Agency or the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL:

For Metal Containers – Triple rinse (or equivalent). Then recycle if possible, or by other procedures approved by state or local authorities. For Plastic Containers – Triple rinse (or equivalent). Then recycle if possible, or by other procedures approved by state or local authorities, or if allowed by state or local authorities, incineration.



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LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

ShutOut™ is a trademark of Helena Holding Company.

AP111904

on turfgrass within 24 hours after appli-

of other broadleaf weeds that are sus-

er	Spotted spurge
	Spurge
	Thistle
	Veronica
	(*corn speedwell)
d	Virginia buttonweed
	White clover
	(*Dutch clover,
	honeysuckle clover,
	white trefoil, &
	purplewort)
	Wild carrot
	Wild garlic
	Wild geranium
	Wild lettuce
	Wild mustard
	Wild onion
	Wild strawberry
	Wild violet
	Yarrow
	Yellow rocket
	and many other
	broadleaf weeds

ts. Keep from freezing.
 ess pesticide, spray mixture, or rin-
 be disposed of by use according to
 arduous Waste representative at the
 or puncture and dispose of in a sani-
 or puncture and dispose of in a san-
 stay out of smoke.



ACTIVE INGREDIENTS:
 2,4-D, 2-ethylhexyl ester
 Mecoprop-p acid
 Carfentrazone-ethyl.
INERT INGREDIENTS:
TOTAL

THIS PRODUCT CONTAINS:
 1.60 lbs. 2,4-dichlorophenoxyacetic
 0.50 lb. (+)-R-2-(2-methyl-4-chlorop
 0.05 lb. Ethyl α ,2-dichloro-5-[4(difluo
 or 0.62%.

Contains petroleum distillate. Isome

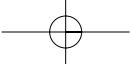
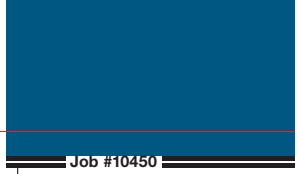
KEE

Si usted no entie
(if you do

IF SWALLOWED:	<ul style="list-style-type: none"> Call a poison cor Do not induce vc Do not give any Do not give anyt
IF IN EYES:	<ul style="list-style-type: none"> Hold eye open a Remove contact Call a poison cor
IF ON SKIN:	<ul style="list-style-type: none"> Take off contami Rinse skin imme Call a poison cor
IF INHALED:	<ul style="list-style-type: none"> Move person to If person is not t Call a poison cor

Have the product container or label with
NOTE TO PHYSICIAN: Contains petroleu
SE

SN 020705
 EPA Reg. No.: 2217-869-5905



Job #10450

