

DANDELION DESTROYER™

Selective Broadleaf Weed Control in Turf Grasses Including Use on Golf Courses and Sod Farms to Control Clover, Dandelion, Henbit, Plantains, Wild Onion, and Many Other Broadleaf Weeds. Also for Highways, Rights-of-Way, and Other Similar Non-Crop Areas as Listed on This Label.

ACTIVE INGREDIENTS:	BY WT.
*Dimethylamine Salt of 2,4-D	30.89%
**Dimethylamine Salt of MCPA.....	8.23%
***Dimethylamine Salt of Dicamba	2.77%
OTHER INGREDIENTS	58.11%
Total	100.00%

Contains:

- *2.38 lbs. 2,4-Dichlorophenoxyacetic acid per gallon or 25.65%.
- **0.63 lb. 2-methyl-4-chlorophenoxyacetic acid per gallon or 6.72%.
- ***0.22 lb. 3,6-dichloro-o-anisic acid per gallon or 2.30%.

KEEP OUT OF REACH OF CHILDREN WARNING - AVISO

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

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 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 to 20 minutes. • Call a poison control center or doctor for treatment advice
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
FOR CHEMICAL EMERGENCY: Have the product label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 Mon. - Fri., 8:00 a.m. 12:00 p.m. Pacific Time (NPIC Website: www.npic.orst.edu). Outside of these times call your poison control center at 1-800-222-1222 .	

EPA Reg. No. 89442-22 NET CONTENTS: _____ gallons

This product is manufactured by: **Prime Source, LLC 10025 US Hwy. 264 Alternate, Middlesex, NC 27557**

This information is for promotional purposes only. Space considerations may require information to be omitted. Always refer to the actual package for complete label verbiage. This product may not yet be available or approved for sale or use in your area.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING. Causes substantial, but temporary eye injury. Causes skin irritation. Harmful if swallowed. Do not get in eyes, on skin or on clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear protective eye wear (goggles, safety glasses face shield), coveralls over short sleeved shirt and short pants, socks, chemical-resistant footwear, and chemical-resistant gloves. Some materials that are chemical-resistant to this product are barrier laminate, nitrile rubber, neoprene rubber, or Viton. For overhead exposure, wear chemical-resistant headgear. When cleaning equipment, add a chemical-resistant apron.

All mixers, loaders, applicators, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Protective eyewear (goggles, face shield, or safety glasses)
- Chemical-resistant gloves
- Chemical-resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate

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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENGINEERING CONTROLS

When handlers use closed systems, or enclosed cabs, in a manner that meets or exceeds the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.24(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands, face, and arms with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- 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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates and may adversely affect non-target plants. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

This product has properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Application around a cistern or well may result in contamination of drinking water or groundwater.

Groundwater Contamination: Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling these herbicides 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.

Read the entire label before using this product. Use strictly in accordance with the label precautionary statements and directions.

This product is for use on ornamental turf lawns (residential, industrial, and institutional), parks, cemeteries, athletic fields, golf courses (fairways, aprons, tees, and roughs), and similar turf areas. Also approved for use on sod farms.

For treatment of perennial weeds in turf areas, sod farms and non-cropland areas, the maximum number of broadcast applications per treatment site is two per year with a 30-day retreatment interval.

For treatment of woody plants in non-cropland areas, the maximum number of applications is limited to one per year (see the specific use site directions on this label).

Do not use this product in or near greenhouses.

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.

Aerial application is prohibited.

Use of this product in certain portions of California, Oregon, and Washington is subject to the January 22, 2004 Order for injunctive relief in Washington Toxics Coalition, et al. v. EPA, C01-0132C, (W.D. WA). For further information, please refer to EPA web site <http://www.epa.gov/espp>

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 (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 48 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 over short-sleeved shirt and short pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure
- Protective eyewear

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.

Do not allow people (other than applicator) or pets on treatment area during application. Do not enter or allow entry to the treated area until sprays have dried.

RESISTANCE MANAGEMENT

This product contains active ingredients in Groups 4. Any weed population may contain or develop plants that are resistant to this product and other Group 4 herbicides. Weed species with acquired resistance to Group 4 herbicides may eventually dominate the weed population if Group 4 herbicides are used repeatedly in the same application area or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by this product or other Group 4 herbicides.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, wind speed, temperature, and relative humidity) and method of application can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Droplet Size

Use medium or coarser spray nozzles according to ASAE (Standard 572) definition for standard nozzles or a volume mean diameter of 300 microns or greater for spinning atomizer nozzles.

Wind Speed

Do not apply at wind speeds greater than 10 mph. Only apply this product if the wind direction favors on-target deposition and there are not sensitive areas (including but not limited to residential areas, bodies of water, known habitat for non-target species, non-target crops) within 250 feet downwind.

Temperature Inversions

If applying at wind speeds less than 3 mph, the applicator must determine if: a) conditions of temperature inversion exist, or b) stable atmospheric conditions exist at or below nozzle height. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Susceptible Plants

Do not apply under circumstances where spray drift may occur to food, forage, or other plantings that might be damaged or crops thereof rendered unfit for sale, use, or consumption. Susceptible crops include but are not limited to cotton, okra, flowers, grapes (in growing stage), fruit trees (foliage), soybeans (vegetative stage), ornamentals, sunflowers, tomatoes, beans, and other vegetables, or tobacco. Small amounts of spray drift that might not be visible may injure susceptible broadleaf plants.

Other State and Local Requirements

Applicators must follow all State and local pesticide drift requirements regarding application of 2,4-D herbicides. Where states have more stringent regulations, they must be observed.

Equipment

All application equipment must be properly maintained and calibrated using appropriate carriers or surrogates. Do not apply with a nozzle height greater than 4 feet above the crop canopy.

USE RESTRICTIONS

- Do not use this product on or near desirable plants including within the drip line of the roots of desirable trees and shrubs, since injury may result.
- Do not apply directly to or near water, storm drains, gutters, sewers, or drainage ditches.
- Do not apply within 25 feet of rivers, fish ponds, lakes, streams, reservoirs, marshes, estuaries, bays, and oceans.
- Do not apply when windy (exceeds 10 mph).
- To prevent product runoff, do not overwater the treated area(s) or apply when raining or when rain is expected that day. Rinse applicator over lawn area only.
- Do not spray on dichondra, nor on lawns or turf where desirable clovers are present.
- Except as noted, use only lawn-type sprayers. Coarse sprays are less likely to "wind-drift". Use coarse spray droplets.
- Do not spray roots of ornamentals and trees.
- Do not exceed specified dosages for any area; particularly within the drip line of trees and other species.
- Do not apply to newly seeded grasses until well established.

Chemigation Statement: Do not apply this product through any type of irrigation equipment.

USE PRECAUTIONS

Avoid fine mist.

Avoid broadcast applications when air temperature exceeds 90°F.

Avoid mist to vegetables, flowers, ornamentals, shrubs, trees, and other desirable plants. Do not pour spray solutions near these plants.

When using small spot treatment applications in temperatures over 90°F, turf injury may occur.

When treating carpetgrass, avoid broadcast applications when air temperature exceeds 80°F. When air temperature exceeds 80°F, limit application to spot treatment only.

Apply only to dormant St. Augustine (common, Raleigh, and Seville varieties grown in TX, LA, MS only) and dormant centipedegrasses (TX, LA, MS only).

Avoid applying during excessively dry or hot periods unless irrigation is used. For optimum results, turf should not be mowed for 1 to 2 days before and after application, do not apply if rain is expected within 4 hours after the application, and delay irrigation cycle for 24 hours. Reseed no sooner than 3 to 4 weeks after application of this product. Failure to observe all precautions may result in injury to turf and/or susceptible plants.

FERTILIZER USE:

This product can be mixed with some liquid fertilizers or liquid iron materials. Because liquid fertilizer and liquid iron differ in pH, free ammonia content, density, salt concentration, and percentage of water, a compatibility test is recommended prior to mixing in application equipment. All State and/or Federal regulations relating to the application of liquid fertilizers or liquid iron and this product must be strictly followed.

WEEDS CONTROLLED

Bedstraw	Dandelion	Lespedeza	Poison Oak	Wild Carrot
Black Medic	Dock	Mallow	Purslane	Wild Garlic
Buckhorn	Ground Ivy	Morningglory	Ragweed	Wild Lettuce
Burdock	Heal-All	Peppergrass	Sheep Sorrel	Wild Onion
Chicory	Henbit	Pigweed	Shepherd's Purse	Yarrow and other broadleaf weeds
Chickweed	Knotweed	Plantain	Speedwell	
Clover	Lambsquarters	Poison Ivy	Spurge	

TURF, ORNAMENTAL (golf courses, cemeteries, parks, sports fields, turfgrass, lawns, and other grass areas) and **TURF** (grown for seed or sod)

SITE	USE RATE (FLUID OUNCES)	SPRAY VOLUME (GALLONS)	USE RATE (PINTS)	SPRAY VOLUME (GALLONS)
	PER 1,000 SQUARE FEET		PER ACRE	
Bahiagrass Bluegrass, Common Bermudagrass Fescue Ryegrass Zoysiagrass	1.1 to 1.5	0.5 to 5	3 to 4	5 to 220

USE DIRECTIONS:

Normal Applications: Use the labeled rate and spray volume listed above.

For Professional Lawn Maintenance: Higher water volumes may be used when tank mixed with a turf fertilizer. Follow fertilizer labels for proper amount to add. Use reduced rates if the grass is stressed from heat or drought. Exercise care when applying during growth stages from dormancy to green-up and from green-up to dormancy. Some temporary discoloration may occur on warm-season grasses.

If bermudagrass is dormant: Up to 4 pints per acre may be used. Some hybrid bermudagrasses may be sensitive to this product. Contact your local extension service weed control specialist.

Dormant St. Augustine (common, Raleigh, and Seville varieties grown in TX, LA, MS only) Dormant centipedegrasses (TX, LA, MS only)	0.75 to 0.90 maximum	1 to 5	2 to 2.5 maximum	40 to 200
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USE DIRECTIONS:

Use reduced rates if the grass is stressed from heat or drought. Exercise care when applying during growth stages from dormancy to green-up and from green-up to dormancy. Some temporary discoloration may occur on warm-season grasses.

Bentgrass (putting and bowling greens)	0.67 maximum	3.3	1.8 maximum	145
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USE DIRECTIONS:

Apply on closely mowed bentgrass, preferably in May or mid-August through September. Slight turf yellowing will disappear after about one week.

On closely mowed golf course fairways and tees or bowling greens, apply when weeds are actively growing and temperatures are low. Exercise care to avoid over-application to prevent injury. Temporary discoloration may occur.

NOTE: Care should be taken to avoid overdosing bentgrass or injury may result. Large volumes of spray water (i.e., one fluid ounce in 5 gallons of water per 1,500 square feet) will aid in obtaining uniform coverage. If hand-type sprayers are used, it is preferable to use a single nozzle sprayer rather than a multiple nozzle boom as sideways application with a boom where the spray from more than one nozzle is allowed to fall on the same area will result in heavy local over-application and subsequent turf discoloration or injury. An adjuvant (nonionic surfactant of at least 80% active ingredient) may be included in the spray solution.

Ornamental Turf Restrictions:

- The maximum single application rate is 5 pints of this product (1.49 lbs. 2,4-D ae) per acre.
- The maximum yearly application rate is 10 pints of this product (2.97 lbs. 2,4-D ae) per acre.
- Make no more than two applications per year.
- Allow a minimum interval of 30 days between applications.

Turf Grown for Seed/Sod:

- The maximum single application rate is 6.5 pints of this product (1.93 lbs. 2,4-D ae) per acre.
- The maximum yearly application rate is 13 pints of this product (3.87 lbs. 2,4-D ae) per acre.
- Make no more than two applications per year.
- Allow a minimum interval of 30 days between applications.

LOW VOLUME SPRAY APPLICATION EQUIPMENT

EQUIPMENT	APPLICATION	USE RATE		USE DIRECTIONS
		Fluid Ounces Per 1,000 Square Feet	Pints Per Acre	
Controlled Droplet Applicators (CDA), Atomizers, and Spinning Disk Applicators	Cool-season grasses	1.1 to 1.5	3 to 4	Use in sufficient water to assure coverage (1 to 4 gallons of water per acre is normal for this type of equipment). Do not overlap spray patterns.
	Listed warm-season grasses	0.75 to 0.9	2 to 2.5	Use in sufficient water to assure coverage (1 to 4 gallons of water per acre is normal for this type of equipment) and follow CDA spray instructions for cool-season grasses. Use reduced rates if grass is stressed from heat, drought, etc.
Lower Volume Equipment	Cool-season and listed warm-season grasses	1.1 to 1.5	3 to 4	Use as little as 5 gallons of water per acre. Use only application equipment that is capable of spreading a uniform droplet wetting each weed surface.

NON-CROPLAND

(Fence Rows, Hedge Rows, Roadsides, Ditches, Rights-Of-Way, Utility Power Lines, Railroads, Airports, and Industrial Sites)

Applications to non-cropland areas are not applicable to treatment of commercial timber or other plants being grown for sale or other commercial use, for commercial seed production, or for research purposes.

Roadsides (including aprons and guardrails), rights-of-way, and other similar non-crop areas:

For control of broadleaf weeds, mix at a rate of 1.5 to 3.39 quarts of this product per acre in enough water to wet all parts of the foliage. This may require 50 to 300 gallons of water per acre. This mixture will cover 43,560 square feet. Thoroughly saturate all weeds with spray mixture.

Apply anytime between the time when the plants come into full leaf (spring) to when the plants begin to go dormant.

Best results are obtained when the weeds are young and actively growing. Do not cut weeds until herbicide is translocated throughout the plant causing root death. For small broadleaf weeds, use the lower rate.

Heavy, dense stands require the higher rate with the high water volume. For small (spot) applications with small tank sprayers, apply at the rate of 4 ounces of this product per gallon of water and spray to thoroughly wet all foliage.

Annual/Perennial Control:

- Make no more than two applications per year.
- Allow a minimum of 30 days between applications.

For control of woody plants, apply to both stems and foliage anytime from the time foliage is fully matured to the time plants start to go dormant. All leaves, stems, and suckers must be completely wet to the ground for effective control. Regrowth may be anticipated on the more resistant species.

Woody Brush:

Add 1 to 1.5 gallons of this product per acre to wet all parts of the brush foliage, stem, and bark. This may require up to 200 to 600 gallons of water per 43,560 square feet depending on the height and thickness of the brush. Mix thoroughly before spraying. The 1.3 to 1.5 gallons rate must only be applied as a spot treatment (an area less than 1,000 square feet).

Woody Plant Control:

- Make no more than one application per year.

This product will kill, control, or suppress the weeds listed in the label for this product. Some of these species may require repeat spot applications even under ideal conditions for application.

Maximum Seasonal Application Rate to Non-crop sites is 6.78 quarts per acre including broadcast and spot treatments (4 lbs. 2,4-D acid equivalent per acre per application site).

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: KEEP FROM FREEZING. Store in safe manner. Store in original container only. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling. Do not store under conditions which might adversely affect the container or its ability to function properly.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable Container (five gallons or less): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. 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 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.

Nonrefillable Container (greater than five gallons): Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

LIMITATION OF WARRANTY AND LIABILITY

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Prime Source, LLC. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Prime Source, LLC makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Prime Source, LLC is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Prime Source, LLC disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Prime Source, LLC's election, the replacement of product.