



# ProDeuce™

## PRE-EMERGENT AND POST-EMERGENT NON-SELECTIVE WEED CONTROL FOR MANY BROADLEAF WEEDS AND GRASSES

### ACTIVE INGREDIENTS:

Glyphosate, N-(phosphonomethyl) glycine, in the form of its isopropylamine salt*	40.15%
Prodiamine**	7.51%
<b>OTHER INGREDIENTS:</b>	<b>52.34%</b>
<b>Total</b>	<b>100.0%</b>

\*Contains 480 grams per liter or 4.0 pounds per U.S. gallon of the active ingredient glyphosate, in the form of its isopropylamine salt. Equivalent to 356 grams per liter or 2.97 pounds per U.S. gallon of the acid, glyphosate.

\*\*Equivalent to 90 grams per liter or 0.75 pounds per U.S. gallon of Prodiamine.

### KEEP OUT OF REACH OF CHILDREN CAUTION - PRECAUCION

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.)

See Inside Booklet for First Aid and Additional Precautionary Statements

For Chemical Spill, Leak, Fire, Exposure Call CHEMTREC (800) 424-9300.  
For Medical Emergencies Only, Call 877-325-1840.

EPA Reg. No. 228-509

EPA Est. No. 62171-MS-3

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION - PRECAUCION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling.

FIRST AID	
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	

### ENVIRONMENTAL HAZARDS

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 from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment wash water or rinsate.

### PHYSICAL OR CHEMICAL HAZARDS

Spray solutions of this product should be mixed, stored and applied using only stainless steel, aluminum, fiberglass, plastic or plastic-lined steel containers. DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED STEEL OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. This product or spray solutions of this product react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

Stay off treated areas until sprays have dried. Precautions should be taken to prevent tracking product after application onto desirable grasses.

**SHAKE WELL BEFORE USING.**

### GENERAL INFORMATION

#### WHERE TO USE

Apply this product to both established weeds and weed-prone areas where weeds have not yet emerged.

- on cracks and crevices in driveways, sidewalks, walkways, and patios
- along fences, foundations, curbs, retaining walls, and edges of lawns
- around the base or in mulched beds of well-established (at least 6 months old) plants, shrubs or tree
- on gravel areas

#### HOW THIS PRODUCT WORKS

Important: To prevent new weeds and grasses from growing you must spray the entire area you want to control, not just the emerged weeds.

This product works two ways:

1. One ingredient enters the plants through foliage and moves systemically to the roots, killing weeds by stopping the production of a substance found in plants. Weeds begin to yellow and wilt in a matter of days with complete kill in 1 to 2 weeks.
2. The other ingredient provides an invisible barrier in the soil by preventing growth and development of newly germinated weeds.

#### USE PRECAUTIONS

- Do not spray desirable plants.
- Do not use in lawns or for lawn renovations as this product prevents desirable grass establishment.
- Do not use for vegetable garden preparations or in and around fruits and vegetables.
- Do not spray around young plants or in an area that will be planted or seeded for 6 months after application when applying at the 3 oz. per 1,000 sq. ft. use rate.

### APPLICATION

#### When to Apply

Spray when air is calm to prevent drift to desirable plants. For best results, apply during warm, sunny weather (above 60 degrees F).

This product may be applied more than once a year as long as the total amount applied is not greater than the maximum application rate for each turf species.

### WEEDS CONTROLLED

#### Pre-Emergent:

When used as directed, this product will prevent the following weeds from emerging:

Barnyardgrass	Henbit <sup>1</sup>	Purslane, common
Bluegrass, annual ( <i>Poa annual</i> ) <sup>1</sup>	Itchgrass	Pusley, Florida
Carpetweed	Johnsongrass (from seed)	Rescuegrass <sup>2</sup>
Chickweed, common <sup>2</sup>	Junglerice	Shepherdspurse <sup>1</sup>
Chickweed, mouse-ear (from seed)	Knotweed <sup>1</sup>	Signalgrass, broadleaf
Crabgrass (large, smooth)	Kochia	Speedwell, Persian
Crowfootgrass	Lambsquarters, common	Sprangletop
Cupgrass, woolly	Lovegrass	Spurge, prostrate
Foxtails, annual	Panicum, (Texas, fall, browntop)	Witchgrass
Goosegrass	Pigweed	Woodsorrel, yellow (from seed)

<sup>1</sup>To control this weed in non-turf areas, apply this product in late summer, fall, or winter before weeds germinate.

<sup>2</sup>Suppression only.

## Post-Emergent Non-Selective:

### ANNUAL WEEDS

Barley	Goatgrass, jointed	Primrose, cutleaf evening
Barnyardgrass	Goosegrass	Pusley, Florida
Bluegrass, annual	Groundsel, common	Rice, red
Bluegrass, bulbous	Henbit	Rocket, London
Brome, downy	Horseweed/Marestail	Rye
Buttercup	Johnsongrass, seedling	Ryegrass, Italian
Cheat	Lambsquarters, common	Shattercane
Chickweed, common	Morningglory	Shepherdspurse
Chickweed, mouse-ear (from seed)	Mustard, blue	Sicklepod
Cocklebur	Mustard, tansy	Signalgrass, broadleaf
Corn	Mustard, tumble	Spanishneedles
Crabgrass	Mustard, wild	Sprangletop
Dwarf dandelion	Oats, wild	Spurge, annual
False flax, smallweed	Panicum, fall	Spurry, umbrella
Filaree	Panicum, Texas	Stinkgrass
Foxtail	Pennycress, field	Teaweed
Foxtail, Carolina	Pigweed, redroot	Wheat
Geranium, Carolina	Pigweed, smooth	Witchgrass

### PERENNIAL WEEDS

Alfalfa	Dock, curly	Paragrass
Alligatorweed*	Dogbane, hemp	Phragmites*
Anise (fennel)	Fescue, tall	Poison hemlock
Artichoke, Jerusalem	Fescues	Quackgrass
Bahiagrass	Guinea grass	Redvine*
Bentgrass	Horsenettle	Reed, giant
Bermudagrass	Horseradish	Ryegrass, perennial
Bermudagrass, water (knotgrass)	Ice plant	Smartweed, swamp
Bindweed, field	Johnsongrass	Spurge, leafy*
Bluegrass, Kentucky	Kikuyugrass	Starthistle, yellow
Bluegrass, Texas	Knapweed	Sweet potato, wild*
Brackenfern	Lantana	Thistle, artichoke
Bromegrass, smooth	Lespedeza	Thistle, Canada
Bursage, woollyleaf	Milkweed	Timothy
Canarygrass, reed	Muhly, wirestem	Torpedograss*
Cattail	Mullein, common	Trumpetcreeper*
Clover, red	Napiergrass	Vaseygrass
Clover, white	Nightshade, silverleaf	Velvetgrass
Cogongrass	Nutsedge; purple, yellow	Wheatgrass, Western
Dallisgrass	Orchardgrass	
Dandelion	Pampasgrass*	

\*Partial Control

**TANK SPRAYER** (plastic, aluminum, fiberglass, plastic-lined steel or stainless steel)

- Add 3 to 6 fluid ounces to 1 gallon of water and treat 1,000 sq. ft.
- For longer pre-emergent control and post-emergent control of larger weeds use the higher rate.

**Do not apply with a galvanized or unlined steel (except stainless steel) sprayer, or through any irrigation system.**

### HOW TO APPLY

Spray existing weeds AND the entire surrounding weed-prone area you want to keep free of weeds. Spray the area with sufficient volume to assure complete coverage. When spraying around the base of well-established (at least 6 months old) ornamental plants, shrubs, or trees, shield desirable plants from drift with a sheet of cardboard or plastic. Use caution to prevent application to green stems and leaves, damage can occur.

### WHEN TO REPLANT

All ornamental bedding plants, trees, shrubs, sod, and seed (flowers and grasses) may be planted 6 months after application when applying at the 3 oz. per 1,000 sq. ft. use rate.

### HOW TO CLEAN SPRAYER

To clean sprayer after use, rinse sprayer and all sprayer parts with soap and water 3 times. Spray rinse water on bare soil or gravel. After cleaning, sprayer may be used for other products.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** STORE ABOVE 10°F (-12°C) TO KEEP PRODUCT FROM CRYSTALLIZING. Crystals will settle to the bottom. If allowed to crystallize, place in a warm room 68°F (20°C) for several days to redissolve and shake or roll to mix well before using.

**CONTAINER DISPOSAL:** *If empty* - Do not reuse this container. Place in trash or offer for recycling if available. *If partly filled* - If product cannot be used as directed, call your local solid waste agency for disposal instructions. Never place unused product down any indoor (including toilet) or outdoor (including sewer) drain.

## WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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