



ProDeuce®

Pre-Emergent And Post-Emergent 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%

OTHER INGREDIENTS: 52.34%

TOTAL: 100.00%

*Contains 480 grams per liter or 4.0 pounds per U.S. gallon. Equivalent to 356 grams per liter or 2.97 pounds per U.S. gallon.

**Equivalent to 90 grams per liter or 0.75 pounds per U.S. gallon (CAS # 29091-21-1).

KEEP OUT OF REACH OF CHILDREN
CAUTION / PRECAUCIÓN

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, or Exposure,
Call CHEMTREC
(800) 424-9300
For Medical
Emergencies Only,
Call (877) 325-1840

EPA Reg. No. 228-509

Manufactured for
Nufarm Americas Inc.
150 Harvester Drive
Burr Ridge, IL 60527



**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION / PRECAUCIÓN**

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

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.
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.

PRODUCT 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 trees
- 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 many 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 of many weeds in 1 to 2 weeks.
2. The other ingredient provides a herbicidal barrier in the soil preventing growth and development of newly germinated weeds.

USE RESTRICTIONS

- **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 ornamental plants or in an area that will be planted or seeded for 6 months after application when applying at the 3 fl. oz. per 1,000 sq. ft. use rate.
- **DO NOT** spray around ornamental plants or in an area that will be planted or seeded for 12 months after application when applying at the 5.75 fl. 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°F).

WEEDS CONTROLLED

Pre-Emergent:

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

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

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

² Suppression only.

Post-Emergent:

Barley
Barnyardgrass
Bluegrass, annual
Bluegrass, bulbous
Brome, downy
Buttercup
Cheat
Chickweed, common
Chickweed, mouseear (from seed)
Cocklebur
Corn
Crabgrass
Dwarf dandelion
False flax, smallweed
Filaree
Foxtail
Foxtail, Carolina
Geranium, Carolina

ANNUAL WEEDS

Goatgrass, jointed
Goosegrass
Groundsel, common
Henbit
Horseweed / Mare's Tail
Lambsquarters, common
Mustard, blue
Mustard, tansy
Mustard, tumble
Mustard, wild
Oats, wild
Panicum, fall
Panicum, Texas
Pennygrass, field
Pigweed, redroot
Pigweed, smooth
Primrose, cutleaf evening
Pusley, Florida

Rice, red
Rocket, London
Rye
Ryegrass, Italian
Shattercane
Shepherdspurse
Sicklepod
Signalgrass, broadleaf
Spanishneedles
Sprangletop
Spurge, annual
Spurry, umbrella
Stinkgrass
Teaweed
Wheat
Witch grass

PERENNIAL WEEDS

Alfalfa
Alligatorweed*
Anise (fennel)
Artichoke, Jerusalem
Bahagrass
Bentgrass
Bermudagrass
Bermudagrass, water (knotgrass)
Bindweed, field
Bluegrass, Kentucky
Bluegrass, Texas
Brackenfern
Bromegrass, smooth
Bursage, woollyleaf
Canarygrass, reed
Cattail
Clover, red
Clover, white
Cogongrass
Dallisgrass
Dandelion

Dock, curly
Dogbane, hemp
Fescue, tall
Fescues
Guinea grass
Horsenettle
Horseradish
Ice plant
Johnsongrass
Johnsongrass, seedling
Kikuyugrass
Knapweed
Lantana
Lespedeza
Milkweed
Morningglory
Muhly, wirestem
Mullein, common
Napiergrass
Nightshade, silverleaf
Nutsedge; purple, yellow

Orchardgrass
Pampasgrass*
Paragrass
Phragmites*
Poison hemlock
Quackgrass
Redvine*
Reed, giant
Ryegrass, perennial
Smartweed, swamp
Spurge, leafy*
Starthistle, yellow
Sweet potato, wild*
Thistle, artichoke
Thistle, Canada
Timothy
Torpedograss*
Trumpet creeper*
Vaseygrass
Velvetgrass
Wheatgrass, Western

* Partial Control

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

- Add 3 to 5.75 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 fl. oz. per 1,000 sq. ft. use rate or 12 months when applying at the 5.75 fl. 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.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. **DO NOT** contaminate water, food or feed by storage or disposal. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. Dispose of excess or waste pesticide by use according to label directions, or contact your State pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Nonrefillable Containers 5 Gallons or Less:

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) 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. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration. Do not burn unless allowed by state and local ordinance if burned stay out of smoke.

Nonrefillable containers larger than 5 Gallons:

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. If recycling or reconditioning is not available, puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration. Do not burn unless allowed by state and local ordinance. If burned stay out of smoke. Triple rinse or pressure rinse container (or equivalent) 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.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refillable containers

CONTAINER HANDLING [DISPOSAL]: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

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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