

228-514

3/1/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Matthew Granahan  
Nufarm Americas Inc.  
150 Harvester Drive, Suite 200  
Burr Ridge, IL 60527

3-1-10

Subject: ProDeuce RTU Grass & Weed Killer  
EPA Registration Number 228-514  
Resubmission dated February 19, 2010

Dear Mr. Granahan:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended is acceptable, provided you make the following changes before you release the product for shipment.

1. Add an appropriate EPA Establishment Number to the label
2. Add appropriate Net Contents information to the label
3. Revise "Use Precautions" to "Use Restrictions" on page 2

Submit one (1) copy of final printed labeling incorporating the above changes before you release the product for shipment. Amended labeling will supercede all previously accepted ones. A stamped copy of labeling is enclosed for your records. If you have any questions, please contact Hope Johnson at 703-305-5410.

Sincerely,

James A. Tompkins  
Product Manager 25  
Herbicide Branch  
Registration Division (7505P)

2016

# ProDeuce® RTU GRASS & WEED KILLER

KILLS AND PREVENTS LISTED WEEDS AND GRASSES FOR UP TO 3 MONTHS  
ONE APPLICATION KILLS AND PREVENTS WEEDS ALL SEASON\*  
\*season long is 3 months  
FOR USE ON PATIOS, DRIVEWAYS, SIDEWALKS AND MULCHED AREAS

**ACTIVE INGREDIENTS:**

Glyphosate, N-(phosphonomethyl) glycine in the form of its isopropylamine salt\* ..... 2.00%  
Prodiamine ..... 0.50%

**OTHER INGREDIENTS:** .....

**TOTAL:** ..... 100.00%

\*Contains 20.1 grams per litre or 0.17 pounds per U.S. gallon of the active ingredient glyphosate, in the form of its isopropylamine salt. Equivalent to 14.8 grams per litre or 0.12 pounds per U.S. gallon of the acid, glyphosate.  
Contains 5.0 grams per litre 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, or Exposure, Call CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAR - 1 2010

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

EPA REG. NO. 228-514  
EPA EST. NO.

228-514

Manufactured For  
NUFARM AMERICAS INC.  
150 Harvester Drive  
Burr Ridge, IL 60527



NET CONTENTS: Gal. ( L)

3066

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

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

<b>FIRST AID</b>	
<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>
<b>HOT LINE NUMBER</b>	
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**

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 ensure that wind or rain does not blow or wash pesticide off the treatment area. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites.

**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 on to desirable grasses.

**SHAKE WELL BEFORE USING.**

**USE INFORMATION**

**Where to Use**

FOR OUTDOOR USE ONLY. Apply only where no vegetation is desired, such as driveways, landscaped areas, around well-established (at least 6 month old) plants, trees and shrubs, along fences, sidewalks, walkways, patios, curbs, gutters and cracks in sidewalks. DO NOT USE IN VEGETABLE GARDENS. DO NOT APPLY THROUGH ANY TYPE OF IRRIGATION SYSTEM. AERIAL APPLICATION IS PROHIBITED.

**When to Apply**

Apply to actively growing weeds and grasses. Visible effects should occur within 3 to 5 days with complete kill in 2 to 4 weeks. If rainfall occurs within 6 hours, repeat treatment may be required. To avoid drift to desirable plants, apply only when air is calm. If leaves of desirable plants are accidentally sprayed, immediately wash off plants with water. Spray when air is calm to prevent drift to desirable plants. For best results, apply during warm, sunny weather (above 60° F).

**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 12 months after application when applying at the 1 gallon per 1,200 sq. ft. use rate.

4066

### 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>	Junglerica	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
Filaræe	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

**How to Apply/Use**

1. Turn sprayer nozzle to open. Adjust sprayer nozzle as desired.
2. Spray to thoroughly cover unwanted weeds and grasses or spray to thoroughly cover areas where you want to prevent weed and grass growth.
3. Do not spray plants or grasses, as damage can occur.
4. When treating around desirable plants, shield plants from drift with a sheet of cardboard or plastic. If desirable plants are accidentally sprayed, rinse off immediately with water.

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

- Apply 1 gallon of this product to treat 1,200 sq. ft. to 2,400 sq. ft.
- Do not apply with a galvanized or unlined steel (except stainless steel) sprayer, or through any irrigation system.

**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.

**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 1 gal. per 2,400 sq. ft. use rate or 12 months when applying at the 1 gal. per 1,200 sq. ft. use rate.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Keep from freezing. Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** 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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If you do not agree with or do not accept any of the directions for use, the warranty disclaimers, or limitations on liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

(RV021910A)

ProDeuce is a registered trademark of Nufarm Americas Inc.

**OPTIONAL LANGUAGE:**

<b>Product Facts – 1 Gallon Treats up to 2,400 sq. ft.</b>	
Kills Weeds	Listed weeds & grasses
Prevents Weeds	For up to 3 months
Where to Use	<ul style="list-style-type: none"> <li>• Driveways, sidewalks, patios, curbs and gutters</li> <li>• Along fences</li> <li>• In landscaped areas (except vegetables gardens)</li> <li>• For outdoor use only</li> </ul>

**OPTIONAL MARKETING LANGUAGE:**

Season Long Control\*

\*Season Long is 3 months

Dual Action

Dual Action Formula

Kills weeds and grasses down to the root

Kills to the root

Ready-To-Use Formula

Starts working in hours

Systemic [control] action

Attacks the root

Fast Acting

Kills tough weeds

Kills weeds and grasses around trees and shrubs

Spot treat driveways, sidewalks and patios

Kills most weeds and grasses

Use where no vegetation desired

Quick and easy to use

Single application kills most weeds