



# Hi-Yield<sup>®</sup> KILLZALL<sup>™</sup>

**Extended Control**

**Pre-Emergent & Post-Emergent Weed & Grass Control • 3 to 6 Months Control**

**KEEP OUT OF REACH  
OF CHILDREN  
CAUTION**

**SEE BACK PANEL FOR FIRST AID  
AND ADDITIONAL  
PRECAUTIONARY STATEMENTS**

**ACTIVE INGREDIENTS:**

Glyphosate, N-(phosphonomethyl) glycine, in the form of its isopropylamine salt*	40.15%
Proflaminate**	7.51%
<b>OTHER INGREDIENTS:</b>	<b>52.34%</b>
<b>TOTAL:</b>	<b>100.00%</b>

**See back panel for substatement of  
ingredient statement.**

In the event of a medical or chemical emergency, contact  **ChemTel**  
North America 1-800-255-3924 or Worldwide Intl. + 01- 813-248-0585

**NET CONTENTS: ONE QUART (32 Fl. Ozs.)**

Hi-Yield® Killzall Extended Control

xxM-1-0512 FH

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


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 - 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.

In the event of a medical or chemical emergency, contact  **ChemTel**  
North America 1-800-255-3924 or Worldwide Intl. + 01- 813-248-0585

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or 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.

Distributed By:



230 FM 87

BONHAM, TEXAS 75418

EPA Reg. No. 228-509-7401

EPA Est. No. 7401-TX-1

Visit Us At: [www.hi-yield.com](http://www.hi-yield.com)  
(RV042611)



PEEL FROM CORNER OF BOOKLET



## **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 that is 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**

The preemergent herbicide prodiamine in this product is yellow in color, which allows the user to see the area that has been sprayed. If sprayed on cement curbs, sidewalks, and driveways, it may temporarily stain if not washed off immediately after application. Caution should be used not to wash the product off target weeds or weed control may be adversely affected. Treated areas should be dry before entering to avoid staining onto non-treated surfaces.

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

**ANNUAL WEEDS**

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

## PERENNIAL WEEDS

Alfalfa	Kikuyugrass
Alligatorweed*	Knapweed
Anise (fennel)	Lantana
Artichoke, Jerusalem	Lespedeza
Bahiagrass	Milkweed
Bentgrass	Morningglory
Bermudagrass	Muhly, wirestem
Bermudagrass, water (knotgrass)	Mullein, common
Bindweed, field	Napiergrass
Bluegrass, Kentucky	Nightshade, silverleaf
Bluegrass, Texas	Nutsedge; purple, yellow
Brackenfern	Orchardgrass
Bromegrass, smooth	Pampasgrass*
Bursage, woollyleaf	Paragrass
Canarygrass, reed	Phragmites*
Cattail	Poison hemlock
Clover, red	Quackgrass
Clover, white	Redvine*
Cogongrass	Reed, giant
Dallisgrass	Ryegrass, perennial
Dandelion	Smartweed, swamp
Dock, curly	Spurge, leafy*
Dogbane, hemp	Starthistle, yellow
Fescue, tall	Sweet potato, wild*
Fescues	Thistle, artichoke
Guinea grass	Thistle, Canada
Horsenettle	Timothy
Horseradish	Torpedograss*
Ice plant	Trumpetcreeper*
Johnsongrass	Vaseygrass
Johnsongrass, seedling	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 oz. per 1,000 sq. ft. use rate or 12 months when applying at the 5.75 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 AND CONTAINER HANDLING:** 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 APPLICABLE WITH 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 CONTROL OF THE 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.



## LIMITATION OF LIABILITY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO EVENT SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, OR FOR DAMAGES IN THEIR NATURE OF PENALTIES RELATING TO THE GOODS SOLD, INCLUDING USE, APPLICATION, HANDLING, AND DISPOSAL. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE TO BUYER OR USER BY WAY OF INDEMNIFICATION TO BUYER OR TO CUSTOMERS OF BUYER, IF ANY, OR FOR ANY DAMAGES OR SUMS OF MONEY, CLAIMS OR DEMANDS WHATSOEVER, RESULTING FROM OR BY REASON OF, OR ARISING OUT OF THE MISUSE, OR FAILURE TO FOLLOW LABEL. WARNINGS OR INSTRUCTIONS FOR USE, OF THE GOODS SOLD BY MANUFACTURE OR SELLER TO BUYER. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER, USER, OR ITS CUSTOMERS. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

**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 this product, and return it unopened to the Seller, and the purchase price will be refunded.**

This page left blank intentionally.

This page left blank intentionally.

### SUBSTATEMENT OF INGREDIENT STATEMENT

- \* 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).

- **Dual action formula**
- **Quart covers up to 10,667 sq. ft.**
- **Makes up to 10 gallons of spray.**

Distributed By:



230 FM 87 • BONHAM, TX 75418  
EPA Reg. No. 228-509-7401  
EPA Est. No. 7401-TX-01  
Visit Us At: [www.Hi-Yield.com](http://www.Hi-Yield.com)  
(RV042611)

