Hi-Yield®
KILLZALL™
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%
Prodiamine**............................................ 7.51%
OTHER INGREDIENTS:.................................. 52.34%
TOTAL:.................................................. 100.00%

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- 613-246-0585

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

**IF IN EYES**
- Hold eye open and rinse slowly and gently with water for 15 - 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.

**HOTLINE 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 North America 1-800-255-3924 or Worldwide Intl. + 01- 813-248-8585

**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:

Voluntary Purchasing Groups, Inc.

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
(RV042611)
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
- Bluegrass, annual (Poa annua)¹
- Carpetweed
- Chickweed, common²
- Chickweed, mouse-ear (from seed)
- Crabgrass (large, smooth)
- Crowfootgrass
- Cupgrass, woolly
- Foxtails, annual
- Goosegrass
- Henbit¹
- Itchgrass
- Johnsongrass (from seed)
- Junglerice
- Knotweed¹
- Kochia
- Lambsquarters, common
- Lovegrass
- Panicum, (Texas, fall, browntop)
- Pigweed
- Purslane, common
- Pusley, Florida
- Rescuegrass²
- Shepherds purse¹
- Signalgrass, broadleaf
- Speedwell, Persian
- Sprangletop
- Spurge, prostrate
- Witchgrass
- Wood sorrel, yellow (from seed)

¹To control this weed in non-turf areas, apply this product in late summer, fall, or winter before weeds germinate.
²Suppression only.
### Post-Emergent:

**ANNUAL WEEDS**

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

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

*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
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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.

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