

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.
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • DO NOT give any liquid to the person. • DO NOT induce vomiting unless told to do so by a poison control center or doctor. • DO NOT give anything by mouth to an unconscious person.

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  **North America 1-800-255-3924 or Worldwide Int'l. + 01- 813-248-0585**

Note To Physician: Probable mucosal damage may contraindicate the use of gastric lavage. Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

Manufactured By:



230 FM 87 • BONHAM, TEXAS 75418

EPA Reg. No. 7969-58-7401

EPA Est. No. 7401-TX-1

Visit Us At: www.hi-yield.com



Hi-Yield®

Grass Killer

Postemergence Grass Herbicide

- **Systematic Selective Herbicide Kills Weedy Grasses Without Injuring Desirable Plants.**
- **Controls: Bermudagrass, Crabgrass, Foxtails, Quackgrass And many other Weedy Grasses.**
- **Concentrate Makes 16 Gallons of Spray Solution.**

ACTIVE INGREDIENT:

Sethoxydim: 2-[1(ethoxyimino)butyl]-5-[2-(ethylthio)propyl]-3-hydroxy-2-cyclohexen-1-one* 18.0%
 OTHER INGREDIENTS: 82.0%
 TOTAL: 100.0%

*Equivalent to 1.5 lbs per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING

See The Attached Booklet For Complete Precautionary Statements, Directions For Use And Conditions Of Sale And Warranty.

NET CONTENTS ONE PINT (16 Fl. Ozs.)

READ ENTIRE LABEL FOR DIRECTIONS FOR USE AND PRECAUTIONARY STATEMENTS.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING Causes substantial but temporary eye injury. Causes skin irritation. Harmful if absorbed through skin or swallowed. Do not get in eyes, on skin, or on clothing. Wear long-sleeved shirt, long pants, chemical-resistant gloves made of any water proof material, protective eyewear, shoes, and socks. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Re-entry Statement

DO NOT allow people or pets to come into contact with treated areas until spray has dried.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms. 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 to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

ENDANGERED SPECIES CONCERNS

The use of any pesticide in a manner that may kill or otherwise harm an endangered or threatened species or adversely modify their habitat is a violation of federal law.

PHYSICAL AND CHEMICAL HAZARDS COMBUSTIBLE.

DO NOT use or store near heat or open flame.

Intended for residential/homeowner use on and around:

Flowers

Trees

Ornamental-

Evergreens

Fruits*

Groundcovers

Shrubs

Vegetables*

Bedding Plants

*See **Table 2. Fruits and Vegetables** for specific crops.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. **DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

This product is a selective systemic grass killer to eliminate existing weedy grasses growing in and around plant beds, landscapes, and individual shrubs and trees. (See Tolerant Plants.) This product can be used through a hose-end sprayer according to the directions of the sprayers being used or through a tank-type sprayer.

This product can also be used around listed fruit and vegetable areas, (see **Table 2**), wherever listed weedy grasses occur. Use only tank-type sprayers.

WEEDY GRASSES CONTROLLED

This product kills most annual and hard-to-kill perennial grasses up to 1 foot high including the examples listed below in one or two applications. Younger, actively growing seedling weeds are more easily killed than older, mature, well-established grassy weeds which may require a repeat application for control. Adding oil concentrate may help control of grassy weeds.

Barnyardgrass
Bermudagrass
Broadleaf Signalgrass
Crabgrass - Large, Smooth
Fall Panicum
Foxtails - Giant, Green, Yellow
Goosegrass
Johnsongrass - Seedling, Rhizome
Junglerice
Lovegrass

Orchardgrass - Seedling
Quackgrass
Tall Fescue - Seedling
Texas Panicum
Shattercane/Wildcane
Wild Proso Millet
Wirestem Muhly
Witchgrass
Woolly Cupgrass

Note: This product does not control sedge (including Nutsedge or Nutgrass), annual bluegrass, or broadleaf weeds. Red Fescue, Chewings Fescue, Hard Fescue, and Dichondra Turfs are also tolerant to this product.

APPLICATION TIMING

Apply any time grassy weeds are actively growing not exceeding the minimum of days from application to harvest when used on vegetables and fruits. Warm sunny weather will accelerate systemic movement from leaves and stems down to the roots to give complete kill. **DO NOT** mow or cut off tops of weeds before spraying. **DO NOT** apply if rainfall is expected within one hour following application. Growth of treated grasses stops soon after application. They turn yellow and die within one to three weeks depending on the grass species, stage of growth and weather conditions. Cool weather, drought and heat stress slows activity.

TABLE 1. Hi-Yield Grass Killer (concentrate) and Oil Concentrate Dilution

Water (gals)	Hi-Yield Grass Killer		Oil Concentrate*		Coverage (sq ft)
	Fluid Ounces	Tbsp.	Fluid Ounces	Tbsp.	
1	1	2	1	2	1,800
3	3	6	3	6	5,400
5	5	10	5	10	9,000
8	8	16	8	16	14,400

One gallon of spray will treat 1,800 square feet.

*To prevent leaf burn of desirable plants, **DO NOT** use oil concentrate when comfort index (temperature °F + humidity) exceeds 150.

HOSE-END SPRAYER APPLICATION

Water Dilution/Premixing Not Needed. Determine the area to treat in square feet. Pour 1 fluid ounce of this product and 1 fluid ounce of oil concentrate in the hose-end sprayer bottle for each 1,800 square feet to be treated. Apply 1 fluid ounce per gallon. After application, wash the sprayer with a dilute soap solution and rinse according to the sprayer instructions.

Water Dilution/Premixing Needed. Some hose-end applicators recommend premixing liquid products with water before pouring into the sprayer bottle. Read the hose-end sprayer instructions for making treatments at 1 fluid ounce per 1,800 square feet. Clean the sprayer after use according to the sprayer instructions.

TANK SPRAYER APPLICATION

Mix 1 fluid ounce of this product plus 1 fluid ounce oil concentrate per 1 gallon water; spray to just wet the unwanted weedy grasses. One gallon of spray will treat 1800 square feet. Wash sprayer by flushing soapy water through the sprayer; then flushing clean water through the sprayer.

Important:

For spot treating grassy weeds near lawns and around any sensitive plants, a tank-type sprayer is recommended. Spray carefully to avoid spray or drift contact with desirable plants. If drift occurs, wash off foliage immediately with water.

**FLOWERS, BEDDING PLANTS, EVERGREENS, SHRUBS,
TREES AND ORNAMENTAL GROUNDCOVERS**

This product may be applied over the top of desirable plants infested by weedy grasses, or as a directed spray to weedy grasses at the labeled rate. **DO NOT** exceed dosage rate per gallon of spray. Most ornamental species tested have been found tolerant to this product (see Tolerant Plants list). However, use with caution around the following plants as they may be damaged if spray contacts foliage: Azaleas (var. Snow), Japanese Privet, Potentilla, Snow in Summer, Red Oak and White Oak and ornamental grass.

This product may also be used on the following nonbearing food plants. **DO NOT** apply within 1 year of harvest.

Avocados Dates Figs Olives Plums Pomegranates Prunes

FRUITS AND VEGETABLES (use only with tank-type sprayers)

Use this product on the fruits and vegetables listed in **Table 2. Fruits and Vegetables**. **DO NOT** apply on or around any fruit and vegetable not listed on this label, especially Sweet Corn. **Apply on and around tolerant fruits and vegetables with a tank-type sprayer only.** A second application may be made to all listed vegetables and fruits except Peanut and Strawberry.

The quantities presented in **Table 1. Hi-Yield Grass Killer (concentrate) and Oil Concentrate Dilution** do not exceed the registered rates for the fruits and vegetables listed. **DO NOT** exceed the quantities presented.

TABLE 2. FRUITS AND VEGETABLES

CROP	MINIMUM TIME FROM LAST APPLICATION TO HARVEST (days)
Apple	14
Apricot	25
Artichoke (California only)	7
Asparagus	1
Beans, Green	15
Beans, Dry	30
Beet (garden)	60
Blackberry	45
Blueberry ¹	30
Broccoli	30
Cabbage	30
Cantaloupe	14
Carrots	30
Cauliflower	30
Celery	30
Cherries (Sweet and Sour)	25
Citrus	15
Crabapple	14
Cranberries ¹	60

FRUITS AND VEGETABLES <i>(continued)</i>	
CROP	MINIMUM TIME FROM LAST APPLICATION TO HARVEST (days)
Cucumber	14
Eggplant	20
Endive(Florida only)	15
Grape	50
Horseradish	60
Lentils ¹	50
Lettuce, head	30
Lettuce, leaf	15
Loganberry	45
Mint	20
Muskmelon	14
Nectarine	25
Onion, Garlic	30
Peach	25
Peanut ²	40
Pear	14
Peas, green	15
Peas, dry	30
Pepper	20

FRUITS AND VEGETABLES <i>(continued)</i>	
CROP	MINIMUM TIME FROM LAST APPLICATION TO HARVEST (days)
Potato	30
Pumpkin	14
Quince	14
Raspberry	45
Spinach	15
Squash (all)	14
Strawberry ²	7
Tomato	20
Tree Nuts (does not include pistachios)	15
Watermelon	14

¹Not for use in California

²Use no more than one application per season. Up to two applications per season may be made on all other plants.

TOLERANT PLANTS

Trees - Common Name

Acacia, Knife Leaf	Holly, Chinese	Pepper, Brazilian
Arboretum, Eastern	Ironbark, Red	Pine, Aleppo
Ash, Green	Jacaranda	Plum, Wild
Basswood, American	Kentucky Coffee Tree	Poplar, Hybrid
Berkman's, Oriental	Larch, European	Popular, Yellow, Tulip
Birch	Laurel, Indian	Tree
Black Locust	Linden	Purpleleaf, Bailey Acacia
Bottle-brush	Linden, Littleleaf	Redwood, Coast
Bottle Tree	Locust, Honey	Sandcherry, Western
Brisbane Box Tree	Loquat	Sensitive Plant
Cajepot Tree	Magnolia, Southern	Silk Tree
Carob Tree	Maple, Red	Spruce, Black Hills
Carrot Wood	Mimosa Tree	Strawberry Tree
Catalpa, Southern	Myoporum	Sumac, Standard,
Cherry, Black	New Zealand Christmas	African
Crabapple, Flowering	Tree	Sweet Gum
Cypress, False	Oak	Sycamore
Dogwood, Flowering	Olive Tree	Tea Tree, Australian
Elm, Chinese Evergreen	Olive, Russian	Tipu Tree
Eucalyptus	Orchid Tree, Purple	Walnut, Black
Fir	Osage Orange	Weeping Fig, Exotica
Goldenrain Tree	Palm, Mediterranean Fan	Willow
Guava	Palo Verde, Green	Yate, Bushy
Gum, Blue	Paulownia Royal	Yew, English
Hackberry, Common	Pear, Common	
Hemlock, Canadian		

TOLERANT PLANTS

Shrubs - Common Name

Abelia, Glossy	Firethorn	Nandina, Heavenly
Acacia, Bailey	Forsythia, Greenstem	Bamboo
Andromeda	Flax, New Zealand	Nannyberry
Arborvitae, Oriental	Fuchsia, Australian	Ninebark
Arrowwood, Southern	Gardenia	Ninebark
Azalea, Mollis hybrid	Gold Vine, Guinea	Oleander
Bamboo, Heavenly	Hakea	Orchid, rockrose
Barberry, Japanese	Hawthorn, Indian	Oregon Grape
Bird Of Paradise Bush	Hibiscus, Blue	Osmanthus, Holly-leaf
Bluebeard	Hibiscus, Chinese	Palm, Natal
Boxwood, Common	Holly, Dwarf Burford	Pampas Grass
Buckthorn, Glossy, Alder	Honeysuckle, Bush	Photinia
Camellia	Hydrangea	Photinia, Fraser
Cedar, Eastern Red	Jasmine Asiatic	Pink Lady
Cherry, Brush	Jessamine, Carolina	Pink Powder Puff
Chokecherry sp.	Jojoba	Pittosporum, Variegated
Copper Plant, Caribbean	Juniper, Chinese	Japanese
Cotoneaster, Bearberry	Lantana, Purple Trailing	Plumbago, Cape
Coyote Bush	Laurustinus	Podocarpus, Yew
Cranberry Bush,	Lemonade Berry	Privet
American	Lilac, Common Purple	Purple Hop Bush
Crape Myrtle	Liriope, Green	Pyracantha
Currant, Alpine	Mickey Mouse Bush	Rhododendron –
Dogwood, Red Osier	Mirror Plant	Azalea
Elaeagnus	Mock Orange	Sandcherry, Purpleleaf
Escallonia	Mountain Lilac, Carmel	Serviceberry, Allegheny
Euonymus, Evergreen	Creeper	Silver King
Fig, Creeping	Myrtle, Dwarf	Sky Flower, Brazilian

Shrubs - Common Name *(continued)*

Snowball Bush	Toyon, California Holly	Wheeler's Dwarf,
Spindle Tree	Trumpet Vine, Pink	Variegated
Spirea	Veronica	Yellow Bells
Star Plant, Lavender	Viburnum, Japanese	Yesterday-Today-and-
Tea Tree, Australian	Wayfaring Tree	Tomorrow
Texas Ranger	Weeping Fig, Exotica	Yew

TOLERANT PLANTS *(continued)*

Ornamentals & Bedding Plants - Common Name

Allysum	Coneflower, Purple	Gerbera Daisy
Asparagus, Myers	Coralbells	Geum
Aster, New York	Coreopsis	Gladiolus
Baby's Breath	Cup of Gold Vine	Heather, False
Begonia	Daffodil	Honeysuckle, Amar
Bellflower, Tussock	Dahlia	Honeysuckle, Fly
Bittersweet, American	Daisy Bush	Hopseed Bush, Purple
Black-Eyed Susan	Daisy, Blue	Impatiens
Bleeding Heart	Daylily	Iris
Butterfly Weed	Danthis	Ivy, Grape
Bower Vine	Dragonhead, False	Jack-in-the-Pulpit
Cactus, Barrel	Dusty Miller	Jade Plant
Candytuft	Fern, Sprenger	Jasmine, Madagascar
Canna	Asparagus	Lamb's Ear
Cassia, Feathery	Fescue, Blue	Lavender, English
Chrysanthemum,	Flowering Tobacco	Lilac, Chinese
Margarite	Fountain Grass, Red	Lily-of-the-Nile, Peter
Cockscomb	Gazania	Pan
Coleus	Geranium	Lily-of-the-Valley

Ornamentals & Bedding Plants - Common Name *(continued)*

Lobelia	Plantain Lily	Sweet Grass
Marigold	Purple Loosestrife	Sweet William
Mirror Plant	Raspberry Ice	Transvaal Daisy
Moneywort, Creeping	Sage	Trumpet Vine, Blood
Jenny	Sea Pinks, Thrift	Red
Moss, Rose	Sedum Stonecrop	Tulip
Pansy, Johnny-Jump-Up	Shrimp Plant	Verbena
Pepper, Ornamental	Sky Flower, Brazilian	Wandering Jew
Periwinkle,	Snail Vine	Wisteria
Madagascar	Snadragon	Yarrow
Periwinkle	Speedwell, Spike	Yellow Trumpet
Petunia	Statice, Perennial	Zinnia
Phlox, Perennial	Stock	

TOLERANT PLANTS *(continued)*

Ground Covers - Common Name

Aaron's Beard	Freeway	Plumbago, Dwarf
Aptenia	Gazania, Trailing	Pork and Beans
Bergenia, Winter-blooming	Green Carpet	Rosea Ice Plant
Bugleweed	Ivy, Algerian	Rosemary, Dwarf
Capeweed	Lantana, Lavender	Rupture Wort
Carpathian, Harebell	Lily-turf, Big Blue	St. Johnswort,
Cinquefoil, Spring	Lippla	Creeping
Coyote Brush	Mondo Grass	Stonecrop, Sedum
Crownvetch	Myoporum	Verbena
Cushion Bush	Pachysandra	
Daisy, Trailing African,	Periwinkle	

STORAGE AND DISPOSAL

PESTICIDE STORAGE

Store unused product in original container only, out of the reach of children and animals. **NEVER TRANSFER THIS PRODUCT TO ANOTHER CONTAINER FOR STORAGE.**

CONTAINER DISPOSAL

Nonrefillable container. DO NOT reuse or refill this container. If empty: offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTE: Buyer assumes all risks of use, storage or handling of this product not in strict accordance with directions given herewith. Voluntary Purchasing Groups, Inc. warrants this product to conform to the chemical description on the label and for the purposes stated on the label. The limit of any liability incurred shall be the purchase price paid by the User or Buyer.

CONDITIONS OF SALE AND WARRANTY

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result, because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of Voluntary Purchasing Groups, Inc. ("VPG") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

VPG warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, VPG MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND VPG'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, VPG AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. VPG and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of VPG.

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