



# Barrier®

## EXTENDED CONTROL VEGETATION KILLER

### CONCENTRATE

**ACTIVE INGREDIENTS:**

Imazapyr, isopropylamine salt . . . . .	1.74%
Glyphosate, isopropylamine salt . . . . .	3.82%
<b>OTHER INGREDIENTS:</b> . . . . .	94.44%

TOTAL 100.00%

**THIS PRODUCT CONTAINS:**

0.12 lb Imazapyr (2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-3-pyridinecarboxylic acid) per gallon or 1.42%.  
 0.24 lb Glyphosate (N-(phosphonomethyl)glycine) per gallon or 2.83%.

## KEEP OUT OF REACH OF CHILDREN CAUTION



**READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.**

### PRECAUTIONARY STATEMENTS

**Hazards to Humans & Domestic Animals**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear long-sleeved shirt and long pants, socks, and shoes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

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>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information in case of emergency, call toll free 1-877-800-5556.	

**Environmental Hazards**

This product is toxic to plants. Drift and run-off may be hazardous to plants in water adjacent to treated areas. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate. See Directions for Use for additional precautions and requirements.

**Physical or Chemical Hazards Statement**

Combustible. Do not use or store near heat or open flame.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**1. Product Application Restrictions**

- Do not allow people or pets to enter treated areas until sprays have dried.
- 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.

- Do not use on feed or food crops.
- For residential use only.

**2. What It Does**

Barrier® Extended Control Vegetation Killer Concentrate is a non-selective herbicide which kills most annual and perennial grasses, broadleaf weeds, and vines. The product is absorbed through leaves, stems, and roots and moves throughout the plant. Treated plants stop growing soon after application. This product will also provide residual control for up to 12 months in the treated area. Heavy rainfall will reduce the length of residual control. Heavy clay soils may increase the length of residual control.

**3. Where To Use**

Barrier Extended Control Vegetation Killer Concentrate may be used to control weeds in: In fencerows, hedgerows, shelter belts. Around domestic (residential) dwellings, residential storage areas, residential buildings, structures and shelters such as dog kennels. Paved areas (including crack and crevice), curbs, sidewalks, driveways, brick walks, gravel paths, paths, patios, recreational areas, and play areas. Along fences.

**IMPORTANT:** Use only in areas where you want to 1) kill all existing vegetation and 2) suppress regrowth for up to 12 months. Do not use in gardens, flower beds or in areas intended to be seeded or planted within 12 months. Newly planted trees, shrubs and flowers are especially sensitive. Do not use for treatment of aquatic plants. In lawns, do not use for individual weed control.

If you **do not** desire to suppress regrowth, use a product which only contains glyphosate instead.

**4. Application Directions**

The maximum number of applications is 1 broadcast and 1 spot treatment per year OR 2 spot treatments per year. The maximum annual rate is 36 fl.oz. per 1,000 sq.ft. per year.

**Equipment Cleanup:** Thoroughly flush application equipment with water after using this product. Do not flush equipment near desirable plants or their root zones.

**4.1 For Total Vegetation Control (Including Bareground Treatment)**

Use hand-operated spray equipment such as backpack sprayers, pump-up sprayers, or sprinkling can. Mix 18 fl.oz. of product with water to produce 3 to 5 gallons of spray solution. Weeds should be growing vigorously at the time of application for maximum herbicide activity. Addition of a surfactant to the spray solution will enhance performance.

**For Broadcast Treatments:** Uniformly spray the area where bareground is desired. 18 fl.oz. of product will cover 1000 sq.ft.

**For Spot Treatments:** Spray the foliage of clumps of weeds. Apply no more than 18 fl.oz. of product per 1000 sq.ft. 1 spot treatment may be used after a broadcast treatment to control weed escapes.

**5. For All Application Types: Avoiding Injury to Non-Target Plants**

Movement of the product from the target plant or site may injure non-target plants. Follow these precautions to manage off-target movement.

1. **Runoff:** Do not over apply causing runoff from the treated foliage. Do not apply to slopes.
2. **Spray Drift:** Spray drift from applying this product may result in damage to sensitive plants adjacent to the treatment area. Avoiding spray drift is the responsibility of the applicator. Applications with wind speeds greater than 10 mph are prohibited. Applications into temperature inversions are prohibited.
3. **Roots of Trees and Shrubs:** Untreated plants can be affected by root uptake. Do not use over the root zone of desirable trees and shrubs. Roots extend beyond the drip line and can extend under fences, driveways, patios, sidewalks, paths, and similar landscape elements.
4. **Movement of Treated Soil:** Do not treat powdery, dry or light sandy soils when the soil may be blown by wind. If necessary soil surface should be settled by rain or irrigation.

**6. Weeds Controlled**

Barrier Extended Control Vegetation Killer Concentrate will control or suppress most grasses, broadleaf weeds, and vines as listed. The degree of control and residual varies by plant species.

GRASSES		
Annual bluegrass	Fall panicum	Prairie three awn
Bahiagrass	Feathertop	Quackgrass
Barnyardgrass	Fescue	Reed canarygrass
Beardgrass	Foxtail	Sand dropseed
Bermudagrass	Giant reed	Sandbur
Big bluestem	Goosegrass	Smooth brome
Broadleaf signalgrass	Guineagrass	Timothy
Canada bluegrass	Italian ryegrass	Torpedograss
Cheat	Itchgrass	Vaseygrass
Cogongrass	Johnsongrass	Wild barley
Crabgrass	Kentucky bluegrass	Wild oats
Crowfootgrass	Lovegrass	Wirestem muhly
Dallisgrass	Orchardgrass	Witchgrass
Downy brome	<i>Panicum</i> spp.	Woolly cupgrass
	Prairie cordgrass	

BROADLEAF WEED		
Arrowwood	Gray rabbitbrush	Rush skeletonweed
Broom snakeweed	Henbit	Russian knapweed
Bull thistle	Hoary vervain	Russian thistle
Burdock	Horseweed	Saltbush
Chickweed	Indian mustard	Shepherd's purse
Camphorweed	Japanese bamboo/knotweed	Silverleaf nightshade
Canada thistle	Knotweed, prostrate	Smartweed
Carolina geranium	Kochia	Sorrell
Carpetweed	Lambsquarters	Sowthistle
Chickweed, mouseear	Little mallow	Spurge, annual
Clover	Milkweed	Stinging nettle
Cocklebur	Miner's lettuce	Sunflower
Common chickweed	Mullein	Sweet clover
Common ragweed	Nettleleaf goosefoot	Tansymustard
Cudweed	Oxeye daisy	Texas thistle
Dandelion	Pepperweed	Velvetleaf
Desert camelthorn	Pigweed	Western ragweed
Diffuse knapweed	Plantain	Wild carrot
Dock	Pokeweed	Wild lettuce
Dogfennel	Primrose	Wild parsnip
Fiddleneck	Puncturevine	Wild turnip
Filaree	Purple loosestrife	Woollyleaf bursage
Fleabane	Purslane	Yellow starthistle
Giant ragweed	Pusley, Florida	Yellow woodsorrel
Goldenrod	Rocket, London	

VINES		
Field bindweed	Redvine	Wild rose (Including: Multiflora and Macartney rose)
Hedge bindweed	Trumpet creeper	
Honeysuckle	Virginia creeper	
Morningglory	Wild buckwheat	
Poison ivy	Wild grape	

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container in a locked storage area. Keep from freezing.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Non-refillable 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 or outdoor drain.

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