

GROUP 2 9 HERBICIDES

# Hi-Yield<sup>®</sup>

## **KILLZALL 365** **TOTAL VEGETATION CONTROL**

**KILLS WEEDS AND PREVENTS WEEDS UP TO 1 YEAR**

- Treats 4,300 square feet
- Rainfast within 1-hour

**ACTIVE INGREDIENTS:**

Glyphosate, isopropylamine salt\* ..... 43.68%  
Imazapyr, isopropylamine salt\*\* ..... 0.78%

**OTHER INGREDIENTS:** ..... 55.54%

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

**ACID EQUIVALENT:**

\* Glyphosate ..... 3.158 lbs/gal

\*\* Imazapyr ..... 0.062 lbs/gal

**KEEP OUT OF REACH OF CHILDREN**

## **DANGER - PELIGRO**

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.)

**NET CONTENTS ONE QUART (32 FL. OZ. / 946 ML)**

Hi-Yield® KILLZALL™ 365

PEEL BACK BOOK HERE 

<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 15-20 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>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to by a poison control center or doctor.</li><li>• Do not give anything to an unconscious person.</li></ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</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 1-800-424-9300 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b>	
Probable mucosal damage may contraindicate the use of gastric lavage.	

See inside label booklet for additional Precautionary Statements and Directions for Use including Storage and Disposal instructions.

Distributed By:



230 FM 87

BONHAM, TEXAS 75418

EPA Reg. No. 81927-58-7401

EPA Est. No. 7401-TX-01

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

Product Questions? 855-270-4776



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32170-0916-CL



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

**DANGER - PELIGRO**

**CORROSIVE.** Causes irreversible eye damage. Harmful if swallowed. Harmful if absorbed through skin. Do not get in eyes or on clothing. Avoid contact with skin.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, neoprene rubber  $\geq$  14 mils, natural rubber  $\geq$  14 mils, polyethylene, polyvinyl chloride  $\geq$  14 mils and viton  $\geq$  14 mils.

**Mixers, loaders, applicators, and other handlers must wear:**

- Protective eyewear (goggles, face shield, or safety glasses)
- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves for all mixers and loaders, plus applicators using handheld equipment

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

**USER SAFETY RECOMMENDATIONS**

**Users should:**

- Wash hands with plenty of soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product.
- Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### **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, or 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 washwater or rinsate. See Directions for Use for additional precautions and requirements.

### **DIRECTIONS FOR USE**

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

Read the entire label before using this product. Use strictly in accordance with label precautionary statements and directions.

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.

Do not enter or allow others to enter treated areas until sprays have dried.

Do not use on feed or food crops.

Keep people and pets out of the area during application.

Applicators are required to use a nozzle height below 4 feet above the ground or plant canopy and coarse or coarser droplet size (ASABE S572) or, if specifically using a spinning atomizer nozzle, applicators are required to use a volume mean diameter (VMD) of 385 microns or greater. Applications with wind speeds greater than 10 mph are prohibited. Applications into temperature inversions are prohibited.

### **WHERE TO USE**

Use on non-crops areas: Industrial sites, Petroleum tank farms, Lumberyards, Manufacturing Sites, Storage Areas, Airports, Roadsides, Curbs, Sidewalks, Driveways, Parking areas, Brick walks, Gravel Paths, Patios, Vacant lots, Paved areas (including crack and crevice), Warehouse areas, Urban areas, Recreational areas, Play areas, Tennis courts, Fencerows, Along fences of paddocks, corrals, feedlots, and livestock holding areas, Hedgerows, Dry Ditchbanks, Around domestic dwellings, Around farm buildings and barns, Agricultural uncultivated areas, Shelter beds, Farm yards, Farm premises, Outdoor buildings, structures, and shelters such as beef barns, hog barns, dairy barns, stables, dog kennels and poultry houses, and for establishment and maintenance of wildlife openings.

Only apply to locations where no vegetation growth is desired for up to one year.

## WHEN TO USE

Apply to bare ground or when weeds are present. If weeds are taller than 6 inches, mow or cut down weeds and remove debris before treatment, and allow for 2 weeks of new growth. If woody vines or brush is mowed or cut, wait until full leaf formation before treatment.

To prevent growth of weeds under asphalt driveways, play areas, tennis courts and parking areas, apply this product before laying surfacing materials.

Treat area uniformly to maximize results.

Re-treatment every 6 to 8 months may be necessary in areas of heavy rainfall.

## RESTRICTIONS

- Do not apply to or allow product to drift onto desirable plants.
- Only apply to areas where no vegetation is desired for one year.
- Do not apply near bodies of water including, fish pools, ponds, lakes or streams.
- Do not apply over the root systems of desirable plants. For trees and shrubs do not apply closer than twice the distance from the trunk to the drip line as roots may be within this area.
- Do not apply to slopes in landscape as movement on soil surfaces may damage desirable plants down slope.
- Do not apply next to a fence if desirable vegetation is growing on the other side, or if future planting is intended.
- Do not use before planting lawns, fruits, vegetables, flowers, or other plants because this product remains active in soil for up to one year.
- Do not use on desirable lawns or turf.
- Do not apply when wind speeds are greater than 10 mph.
- Do not apply to 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.

## HOW TO APPLY

Apply on a sunny day with temperatures above 60°F. Avoid product runoff to nearby desirable plants. In soils with heavy clay, weed control may exceed one year.

### **Total Vegetation Control (Bareground)**

Use hand operated spray equipment such as backpack sprayers, pump-up sprayers or sprinkling cans, or ATV/Tractor mounted sprayers. Mix 7.4 fl. oz.

(0.46 pints) of this product with water to produce 1 to 10 gallons of spray solution. Optimum performance will be achieved from applications to actively growing weeds in early summer.

Uniformly spray the mix over area where total vegetation control and bareground is desired. 7.4 fl. oz. of product within 1 to 10 gallons of spray solution should be applied to 1,000 square feet.

Maximum application rate of this product is 2.5 gallons per acre per year (7.4 fl. oz. per 1,000 sq. ft. per year).

#### **Spot Control of Brush, Vines, and Weeds**

Use hand operated spray equipment such as backpack sprayers, pump-up sprayers or sprinkling cans, or ATV/Tractor mounted sprayers. Mix 6 fl. oz. of this product per 1 gallon of spray solution. Thoroughly and uniformly spray foliage of woody plants to wet. For optimum performance:

- Apply to actively growing brush, vines and weeds.
- Woody brush and vines are controlled better in late summer and fall after fruit formation.
- If woody vines and brush are mowed or cut, wait until full leaf formation before treatment.
- Do not cut or mow brush, vines or perennial weeds for 2 months following treatment.

Maximum application rate of this product is 2.5 gallons per acre per year (7.4 fl. oz. per 1,000 sq. ft. per year).

## Weeds Controlled

GRASS/NUTSEGE WEED SPECIES CONTROLLED			
<b>Bahiagrass</b> <i>Paspalum notatum</i>	<b>Cogongrass</b> <i>Imperata cylindrical</i>	<b>Muhly, wirestem</b> <i>Muhlenbergia frondosa</i>	<b>Quackgrass</b> <i>Agropyron repens</i>
<b>Bentgrass</b> <i>Agrostis spp.</i>	<b>Dallisgrass</b> <i>Paspalum dilatatum</i>	<b>Napier grass</b> <i>Pennisetum purpureum</i>	<b>Reed, giant</b> <i>Arundo donax</i>
<b>Bermudagrass</b> <i>Cynodon dactylon</i>	<b>Fescues</b> <i>Festuca spp.</i>	<b>Nutsedge; purple, yellow</b> <i>Cyperus rotundus</i> <i>Cyperus esculentus</i>	<b>Ryegrass, perennial</b> <i>Lolium perenne</i>
<b>Bluegrass, Kentucky</b> <i>Poa spp.</i>	<b>Fescue, tall</b> <i>Festuca arundinacea</i>	<b>Orchardgrass</b> <i>Dactylis glomerata</i>	<b>Timothy</b> <i>Phleum pratense</i>
<b>Brome</b> <i>Bromus spp.</i>	<b>Guineagrass</b> <i>Panicum maximum</i>	<b>Pampas grass</b> <i>Cortaderia spp.</i>	<b>Torpedograss*</b> <i>Panicum repens</i>
<b>Bromegrass, smooth</b> <i>Bromus inermis</i>	<b>Johnsongrass</b> <i>Sorghum halepense</i>	<b>Panicum</b> <i>Panicum spp.</i>	<b>Vaseygrass</b> <i>Paspalum urvillei</i>
<b>Canarygrass, reed</b> <i>Phalaris arundinacea</i>	<b>Kikuyugrass</b> <i>Pennisetum clandestinum</i>	<b>Para grass</b> <i>Brachiaria mutica</i>	<b>Velvetgrass</b> <i>Holcus spp.</i>
<b>Cattail</b> <i>Typha spp.</i>	<b>Knotgrass</b> <i>Paspalum distichum</i>	<b>Phragmites*</b> <i>Phragmites spp.</i>	<b>Wheatgrass, western</b> <i>Agropyron smithii</i>

\*Partial Control

BROADLEAF WEED SPECIES CONTROLLED		
<b>Alfalfa</b> <i>Medicago sativa</i>	<b>Fiddleneck</b> <i>Amsinckia spp.</i>	<b>Poison hemlock</b> <i>Conium maculatum</i>
<b>Alligatorweed*</b> <i>Alternanthera philoxeroides</i>	<b>Fleabane</b> <i>Erigeron spp.</i>	<b>Ragweed, common</b> <i>Ambrosia artemisiifolia</i>
<b>Anise (fennel)</b> <i>Foeniculum vulgare</i>	<b>Fleabane, hairy</b> <i>Conyza bonariensis</i>	<b>Ragweed, giant</b> <i>Ambrosia trifida</i>
<b>Artichoke, Jerusalem</b> <i>Helianthus tuberosus</i>	<b>Horsenettle</b> <i>Solanum carolinense</i>	<b>Smartweed, Pennsylvania</b> <i>Polygonum pennsylvanicum</i>
<b>Bassia, fivehook</b> <i>Bassia hyssopifolia</i>	<b>Horseradish</b> <i>Armoracia rusticana</i>	<b>Smartweed, swamp</b> <i>Polygonum coccineum</i>
<b>Bindweed, field</b> <i>Convolvulus arvensis</i>	<b>Ice plant</b> <i>Mesembryanthemum crystallinum</i>	<b>Sowthistle, annual</b> <i>Sonchus oleraceus</i>
<b>Blueweed, Texas</b> <i>Helianthus ciliaris</i>	<b>Knapweed</b> <i>Centaurea repens</i>	<b>Spurge, leafy*</b> <i>Euphorbia esula</i>
<b>Bracken fern</b> <i>Pteridium aquilinum</i>	<b>Kochia</b> <i>Kochia scoparia</i>	<b>Starthistle, yellow</b> <i>Centaurea solstitialis</i>
<b>Bursage, woollyleaf</b> <i>Franseria tomentosa</i>	<b>Lantana</b> <i>Lantana camara</i>	<b>Sunflower</b> <i>Helianthus annuus</i>
<b>Clover, red</b> <i>Trifolium pretense</i>	<b>Lespedeza</b> <i>Lespedeza spp.</i>	<b>Thistle, artichoke</b> <i>Cynara cardunculus</i>
<b>Clover, white</b> <i>Trifolium repens</i>	<b>Lettuce, prickly</b> <i>Lactuca serriola</i>	<b>Thistle, Canada</b> <i>Cirsium arvense</i>
<b>Dandelion</b> <i>Taraxacum officinale</i>	<b>Milkweed</b> <i>Asclepias spp.</i>	<b>Thistle, Russian</b> <i>Salsola kali</i>
<b>Dock, curly</b> <i>Rumex crispus</i>	<b>Mullein, common</b> <i>Verbascum thapsus</i>	<b>Velvetleaf</b> <i>Abutilon theophrasti</i>
<b>Dogbane, hemp</b> <i>Apocynum cannabinum</i>	<b>Nightshade, silverleaf</b> <i>Solanum elaeagnifolium</i>	

\*Partial Control

TREE, BRUSH AND VINE SPECIES CONTROLLED			
<b>Alder</b> <i>Alnus spp.</i>	<b>Coyote brush</b> <i>Baccharis consanguinea</i>	<b>Maple: Red*</b> <i>Acer rubrum</i>	<b>Russian Olive**</b> <i>Elaeagnus angustifolia</i>
<b>Ash</b> <i>Fraxinum spp.</i>	<b>Creeper, Virginia*</b> <i>Parthenocissus quinquefolia</i>	<b>Sugar</b> <i>Acer saccharum</i>	<b>Sage: black, white</b> <i>Salvia spp.</i>
<b>Aspen, quaking</b> <i>Populus tremuloides</i>	<b>Dewberry</b> <i>Rubus trivialis</i>	<b>Vine Acer</b> <i>circinatum</i>	<b>Sagebrush, California</b> <i>Artemisia californica</i>
<b>Balsam apple*</b> <i>Momordica charantia</i>	<b>Dogwood*</b> <i>Cornus spp.</i>	<b>Monkey Flower*</b> <i>Mimulus guttatus</i>	<b>Salmonberry</b> <i>Rubus spectabilis</i>
<b>Bearmat (Bearclover)</b> <i>Chamaebatia foliolosa</i>	<b>Elderberry</b> <i>Sambucus spp.</i>	<b>Oak: Black*</b> <i>Quercus velutina</i>	<b>Salt Cedar</b> <i>Tamarix spp.</i>
<b>Beech</b> <i>Fagus grandifolia</i>	<b>Elm*</b> <i>Ulmus spp.</i>	<b>Northern Pin</b> <i>Quercus palustris</i>	<b>Sassafras</b> <i>Sassafras aibidum</i>
<b>Birch</b> <i>Betula spp.</i>	<b>Eucalyptus</b> <i>Eucalyptus spp.</i>	<b>Post</b> <i>Quercus stellata</i>	<b>Sourwood</b> <i>Oxydendrum arboeum</i>
<b>Blackberry</b> <i>Rubus spp.</i>	<b>Gorse</b> <i>Ulex europaeus</i>	<b>Red</b> <i>Quercus rubra</i>	<b>Sweet potato, wild*</b> <i>Ipomoea pandurata</i>
<b>Blackgum</b> <i>Nyssa spp.</i>	<b>Hasardia*</b> <i>Haplopappus squamosus</i>	<b>Southern Red</b> <i>Quercus falcate</i>	<b>Sumac: Poison*</b> <i>Rhus vernix</i>
<b>Bracken</b> <i>Peridium spp.</i>	<b>Hawthorn</b> <i>Crataegus spp.</i>	<b>White*</b> <i>Quercus alba</i>	<b>Smooth*</b> <i>Rhus glabra</i>

<b>TREE, BRUSH AND VINE SPECIES CONTROLLED</b> <i>Continued</i>			
<b>Broom: French</b> <i>Cytisus monspessulanus</i>	<b>Hazel</b> <i>Corylus spp.</i>	<b>Persimmon*</b> <i>Diospyros spp.</i>	<b>Winged*</b> <i>Rhus copallina</i>
<b>Scotch</b> <i>Cytisus scoparius</i>	<b>Hickory*</b> <i>Carya spp.</i>	<b>Pine</b> <i>Pinus spp.</i>	<b>Sweetgum</b> <i>Liquidambar styraciflua</i>
<b>Buckwheat, California*</b> <i>Eriogonum fasciculatum</i>	<b>Holly, Florida/ Brazilian Peppertree*</b> <i>Schinus terebinthifolius</i>	<b>Poison Ivy</b> <i>Rhus radicans</i>	<b>Swordfern*</b> <i>Polystichum munitum</i>
<b>Cascara*</b> <i>Rhamnus purshiana</i>	<b>Honeysuckle</b> <i>Lonicera spp.</i>	<b>Poison Oak</b> <i>Rhus toxicodendron</i>	<b>Tallowtree, Chinese</b> <i>Sapium sebiferum</i>
<b>Catsclaw*</b> <i>Acacia greggii</i>	Hornbeam, American* <i>Carpinus caroliniana</i>	<b>Poplar, Yellow*</b> <i>Liriodendron tulipifera</i>	<b>Tan Oak</b> <i>Lithocarpus densiflorus</i>
<b>Ceanothus*</b> <i>Ceanothus spp.</i>	<b>Kudzu</b> <i>Pueraria lobata</i>	<b>Raspberry</b> <i>Rubus spp.</i>	<b>Thimbleberry</b> <i>Rubus parviflorus</i>
<b>Chamise</b> <i>Adenostoma fasciculatum</i>	<b>Locust, black*</b> <i>Robinia pseudoacacia</i>	<b>Redbud, eastern</b> <i>Cercis canadensis</i>	<b>Tobacco, tree*</b> <i>Nicotiana glauca</i>
<b>Cherry: Bitter</b> <i>Prunus emarginata</i>	<b>Madrone</b> <i>Arbutus menziesii</i>	<b>Redvine*</b> <i>Brunnichia ovate</i>	<b>Trumpet creeper*</b> <i>Campsis radicans</i>
<b>Black</b> <i>Prunus serotina</i>	<b>Manzanita</b> <i>Arctostaphylos spp.</i>	<b>Rose, multiflora</b> <i>Rosa multiflora</i>	<b>Waxmyrtle, southern*</b> <i>Myrica cerifera</i>
<b>Pin</b> <i>Prunus pensylvanica</i>			<b>Willow</b> <i>Salix spp.</i>

\*Partial Control

\*\*This product is not registered in California for use on Russian olive.

## STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

**PESTICIDE STORAGE:** Store product in original container in a safe place and protect from freezing.

**PESTICIDE DISPOSAL:** Pesticide wastes may be acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING:**

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**IMPORTANT:** Read the information below before using this product. If the terms are not acceptable, you should return the unopened product container immediately for a complete refund.

## **CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

To the extent consistent with applicable law, upon purchase or use of this product, purchaser and user agree to the following terms:

**Warranty:** Voluntary Purchasing Groups, Inc. (the Company) warrants that this product conforms to the chemical description on the label in all material respects and is reasonably fit for the purpose referred to in the directions for use, subject to the exceptions noted below, which are beyond the Company's control. To the extent consistent with applicable law, the Company makes no other representation or warranty, express or implied, concerning the product, including no implied warranty of merchantability or fitness for a particular purpose. To the extent consistent with applicable law, no such warranty shall be implied by law, and no agent or representative is authorized to make any such warranty on the Company's behalf.

**Terms of Sale:** The Company's directions for use of this product must be followed carefully. 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, and the manner of use or application (including failure to adhere to label directions), all of which are beyond the Company's control. To the extent consistent with applicable law, all such risks are assumed by the user.

**Limitation of Liability:** To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damages, and in no event shall damages or any other recovery of any kind exceed the price of the product which caused the alleged loss, damage, injury or other claim. To the extent consistent with applicable law, under no circumstances shall the Company be liable for any special, indirect, incidental or consequential damages of any kind, including loss of profits or income. Some states do not allow the exclusion or limitation of incidental or consequential damages.

The Company and the seller offer this product, and the purchaser and user accept this product, subject to the foregoing warranty, terms of sale and limitation of liability, which may be varied or modified only by an agreement in writing signed on behalf of the Company by an authorized representative.

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