

HDX™

GROUP 2 9 HERBICIDES

1002 908 416

Vegetation Killer and Preventer

CONCENTRATE

- Use on non-crop areas: driveways, patios, and fence rows
- Do not apply in root zone of desirable trees, plants & shrubs

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

EPA Reg. No. 84009-3 EPA Est. No. 084840-LA-001

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

See back booklet for complete Precautionary Statements,
Directions for Use and Storage and Disposal.

NET CONTENTS:

2.5 GAL (320 FL OZ) 9.46 L



RAINFAST WITHIN **1-HOUR**

**KILLS WEEDS AND GRASSES,
ROOTS AND ALL**



SKU 1002 908 416

OPEN Resealable Label for
Directions and Precautions
PRESS TO RESEAL

Vegetation Killer and Preventer

- Kills weeds and prevents weeds up to 1 year
- Use on non-crop areas: driveways, patios, and fence rows
- Do not apply in root zone of desirable trees, plants & shrubs

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.)

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.
IF SWALLOWED	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything to an unconscious person.
IF ON SKIN OR CLOTHING	• 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.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time or your poison control center at 1-800-222-1222.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

See inside booklet for Precautionary Statements, Directions For Use & Storage and Disposal.

Manufactured For:
RAGAN AND MASSEY, INC.
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Ponchatoula, LA 70454
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Marketed Through:
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Atlanta, Ga 30339
RM071015A
1017(01)

PROOF OF PURCHASE



EPA Reg. No. 84009-3
EPA Est. No. 084840-LA-001

NET CONTENTS: 2.5 GAL / 320 FL OZ / 9.46 L

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/NUTSEDGE WEED SPECIES CONTROLLED

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

*Partial Control

BROADLEAF WEED SPECIES CONTROLLED

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

*Partial Control

TREE, BRUSH AND VINE SPECIES CONTROLLED

- **Alder**
Alnus spp.
- **Ash**
Fraxinus spp.
- **Aspen, quaking**
Populus tremuloides
- **Balsam apple***
Momordica charantia
- **Bearmat (Bearclover)**
Chamaebatia foliolosa
- **Beech**
Fagus grandifolia
- **Birch**
Betula spp.
- **Blackberry**
Rubus spp.
- **Blackgum**
Nyssa spp.
- **Bracken**
Pteridium spp.
- **Broom: French, Scotch**
- *Cytisus monspessulanus*
- *Cytisus scoparius*
- **Buckwheat, California***
Eriogonum fasciculatum
- **Cascara***
Rhamnus purshiana
- **Catsclaw***
Acacia greggi
- **Ceanothus***
Ceanothus spp.
- **Chamise**
Adenostoma fasciculatum
- **Cherry: Bitter, Black, Pin**
Prunus emarginata
Prunus serotina
Prunus pensylvanica
- **Coyote brush**
Baccharis consanguinea
- **Creepers, Virginia***
Parthenocissus quinquefolia
- **Dewberry**
Rubus *trivialis*
- **Dogwood***
Cornus spp.
- **Elderberry**
Sambucus spp.
- **Elm***
Ulmus spp.
- **Eucalyptus**
Eucalyptus spp.
- **Gorse**
Ulex europaeus
- **Hasardia***
Haplopappus squamosus
- **Hawthorn**
Crataegus spp.
- **Hazel**
Corylus spp.
- **Hickory***
Carya spp.
- **Holly, Florida/Brazilian**
- **Peppertree***
Schinus terebinthifolius
- **Honeysuckle**
Lonicera spp.
- **Hornbeam, American***
Carpinus caroliniana
- **Kudzu**
Pueraria lobata
- **Locust, black***
Robinia pseudoacacia
- **Madrone**
Arbutus menziesii
- **Manzanita**
Arctostaphylos spp.
- **Maple: Red*, Sugar, Vine**
Acer rubrum
Acer saccharum
Acer circinatum
- **Monkey Flower***
Mimulus guttatus
- **Oak: Black*, Northern Pin, Post, Red, Southern Red, White***
Quercus velutina
Quercus palustris
Quercus stellata
Quercus rubra
Quercus falcate
Quercus alba
- **Persimmon***
Diospyros spp.
- **Pine**
Pinus spp.
- **Poison Ivy**
Rhus radicans
- **Poison Oak**
Rhus toxicodendron
- **Poplar, Yellow***
Liriodendron tulipifera
- **Raspberry**
Rubus spp.
- **Redbud, eastern**
Cercis canadensis
- **Redvine***
Brunnichia ovate
- **Rose, multiflora**
Rosa multiflora
- **Russian Olive****
Elaeagnus angustifolia
- **Sage: black, white**
Salvia spp.
- **Sagebrush, California**
Artemisia californica
- **Salmonberry**
Rubus spectabilis
- **Salt Cedar**
Tamarix spp.
- **Sassafras**
Sassafras aibidum
- **Sourwood**
Oxydendrum arboreum
- **Sweet potato, wild***
Ipomoea pandurata
- **Sumac: Poison*, Smooth*, Winged***
Rhus vernix
Rhus glabra
Rhus copallina
- **Sweetgum**
Liquidambar styraciflua
- **Swordfern***
Polystichum munitum
- **Tallowtree, Chinese**
Sapium sebiferum
- **Tan Oak**
Lithocarpus densiflorus
- **Thimbleberry**
Rubus parviflorus
- **Tobacco, tree***
Nicotiana glauca
- **Trumpet creeper***
Campsis radicans
- **Waxmyrtle, southern***
Myrica cerifera
- **Willow**
Salix spp.

*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 DISPOSAL:

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.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Ragan and Massey, Inc. or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Ragan and Massey, Inc. and Seller harmless for any claims relating to such factors.

Ragan and Massey, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Ragan and Massey, Inc., and Buyer and User assume the risk of any such use. **TO THE EXTENT CONSISTENT WITH**

APPLICABLE LAW, RAGAN AND MASSEY, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither Ragan and Massey, Inc. nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF RAGAN AND MASSEY, INC. AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF RAGAN AND MASSEY, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Ragan and Massey, Inc. and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Ragan and Massey, Inc.

KEEP OUT OF REACH OF CHILDREN DANGER - PELIGRO

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(If you do not understand the label, find someone to explain it to you in detail.)

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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.

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.
IF SWALLOWED	• Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything to an unconscious person.
IF ON SKIN OR CLOTHING	• 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.

HOT LINE NUMBER

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NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

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.

See attached booklet for Directions For Use & Storage and Disposal.

Manufactured For:
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101 Ponchatoula Parkway
Ponchatoula, LA 70454
info@raganandmassey.com
985-386-6042

Marketed Through:
Home Depot
2455 Paces Ferry Rd., N.W.
Atlanta, Ga 30339

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.

PROOF OF PURCHASE



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