



**GROUNDWORK®**

CONCENTRATE 25%

# Weed & Grass Killer



CONTROLS  
**KILLS TO  
THE ROOT**  
WEEDS<sup>1</sup>

**GLYPHOSATE (25%)**

## FOR GENERAL MULTI-PURPOSE WEED CONTROL



*Rain-fast  
in hours*

**9,600**  
SQUARE FEET

*64 fl. oz. covers  
9,600 sq. ft.\**

**28**  
GALLONS

*Makes up  
to 28 gallons\**

**FOR USE AROUND FLOWER BEDS, TREES,  
SHRUBS, FENCES AND WALKWAYS**

**ACTIVE INGREDIENT:**

Isopropylamine salt of glyphosate\* .....25.0%

OTHER INGREDIENTS: .....75.0%

**TOTAL 100.0%**

\*N-(phosphonomethyl)glycine

4457241

\*When mixed 2.25 fl. oz. of product with 1 gallon of water.

<sup>1</sup>See inside booklet for complete list of weeds controlled.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See attached booklet for Precautionary Statements and  
Directions for Use (including First Aid and Storage and Disposal).

**NET CONTENTS: 1/2 GAL. (64 FL. OZ.)** 954/8-2015



**CONCENTRATE 25%**

# Weed & Grass Killer

**GLYPHOSATE (25%)**

Rain-fast in hours

64 fl. oz. covers 9,600 sq. ft.\*\*

Makes up to 28 gallons\*\*

954/7-2015 AP052115  
EPA REG. NO. 2217-846  
EPA EST. NO. 2217-KS-2

Manufactured by:  
PBI/GORDON CORPORATION  
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KANSAS CITY, MO 64101

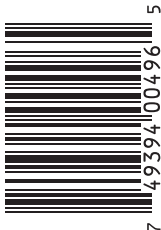
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**NET CONTENTS:  
1/2 GAL. (64 FL. OZ.)**

See inside pages for complete Precautionary  
Statements and Directions for Use (including  
First Aid and Storage and Disposal).

\*\*When mixed 2.25 fl. oz. of product with  
1 gallon of water.

4457241





CONCENTRATE 25%

# Weed & Grass Killer

**ACTIVE INGREDIENT:**

Isopropylamine salt of glyphosate\* ..... 25.0%

**OTHER INGREDIENTS:** ..... 75.0%

TOTAL 100.0%

\*N-(phosphonomethyl)glycine

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**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. Harmful if absorbed through the skin. Harmful if swallowed. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

<b>FIRST AID</b>	
<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 do so by the poison control center or doctor.</li><li>• Do not give anything by mouth 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>If inhaled:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul> <p><i>(continued on next page)</i></p>

## **FIRST AID (continued)**

### **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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

### **ENVIRONMENTAL HAZARDS:**

Do not apply directly to water. Do not contaminate water when disposing of equipment washwater and rinsate.

### **PHYSICAL OR CHEMICAL HAZARDS:**

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.

Keep children and pets out of treated areas until sprays have dried.

## **HOW IT WORKS**

### **Facts and Tips**

- GroundWork® Concentrate 25% Weed & Grass Killer is a multipurpose herbicide designed to control a broad spectrum of emerged annual and perennial weed species. GroundWork® Concentrate 25% Weed & Grass Killer will control unwanted species of grass, sedge, broadleaf weeds, and certain woody species around trees, shrubs, fences.

- This product kills plants by inhibiting the production of a substance found only in plants. It enters plants through the sprayed foliage and moves to the roots.
- This product is nonselective and will kill or injure all vegetation contacted by the spray. Do not spray plants or grasses you like — they may die too. Not recommended for spot weed control in lawns since this product kills lawn grasses.
- No soil residual activity — any product not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants.
- Plants that have not emerged at the time of application will not be controlled.
- Time to symptoms — Best results will be obtained when the weed species are actively growing. Visible effects are gradual — wilting and yellowing, advancing to complete browning and root destruction. Weeds usually yellow and wilt within 2 to 4 days and plant death occurs in 1 to 2 weeks.

**Product Description and Spray Coverage:** This product is a non-selective herbicide that will kill all vegetation contacted. This herbicide kills unwanted plants by inhibiting the production of a substance found only in plants. It enters plants through the sprayed foliage and moves to the roots. Avoid direct spray or drift onto desirable plants, lawn grasses, shrubs and trees. Protect desirable plants and vegetation with a piece of plastic or cardboard. If desirable plants are accidentally sprayed, wash plants with water immediately. Any glyphosate not absorbed by the plant is broken down into natural materials. This product has no soil residual activity and thus will not affect nearby untreated plants.

## WHERE TO USE

### For General Weed Control and Spot Spraying

- Use to prepare sites for large plantings, for planting flower beds, for planting fruit trees, ornamentals, vegetables, garden sites and to renovate lawns.

- Along and on sidewalks, gravel/brick walkways, paths, curbs, paved areas (private roads and streets), driveways, parking areas, recreational areas.
- Along ornamental lawns and turfgrass. Edging along/around lawns/yards and landscape plantings.
- In areas for lawn replacement or lawn renovation/replacement.
- Around or near ornamental/shade trees, fruit and nut trees, grapevines, shrubs, groundcovers, flower beds, mulched landscape beds.
- For garden plot preparation, vegetable plot preparation, and small fruits and berries plot preparation.
- For flower garden preparation.
- Along fences, hedgerows, under fencelines.
- Around rocks, signposts, light posts, or on fringe areas.
- Around or along buildings/structures, foundations, patios, houses, mobile homes, vacant lots, urban areas, domestic outdoor premises, and other areas associated with household or home life.
- Urban areas where total vegetation control is desired.
- Farmsteads where total vegetation control is desired: around farmstead building foundations, along fences, hedgerows, fencerows, under fencelines, around shelter belts and other areas where nonselective weed control is desired.

## **TOUGH WEED CONTROL (ANNUALS, PERENNIALS, BRUSH)**

**CONTROLS WEEDS AND GRASSES INCLUDING LAWN AND TURFGRASS SPECIES:** GroundWork® Concentrate 25% Weed & Grass Killer will provide full or partial control (suppression) of these lawn and turfgrass species:

Bahiagrass

Bentgrass, colonial, creeping and redtop

Bermudagrass, common and hybrid  
Bluegrass, annual, rough, and Kentucky  
Bromegrass, downy and smooth  
Buffalograss  
Canarygrass, reed  
Carpetgrass  
Centipedegrass  
Fescues, chewings, hard, red, tall, sheep  
Foxtail, green, yellow, creeping, meadow, giant  
Johnsongrass  
Kikuyugrass  
Orchardgrass  
Paspalum *spp.*  
Ryegrass, annual (Italian), perennial, and hardy  
St. Augustinegrass  
Zoysiagrass or Japanese lawngrass

#### **WOODY SPECIES:**

GroundWork® Concentrate 25% Weed & Grass Killer will provide full or partial control (suppression) of these woody species:

Alder	Manzanita
Blackberry	Pine
Barberry	Poison ivy
Caenothus <i>spp.</i>	Poison oak
Cherry	Poison hemlock
Coyote brush	Oak
Dewberry	Quaking aspen
Elm	Raspberry
Elderberry	Sumac
Honeysuckle	Trumpet creeper
Hickory	Wild blackberry
Kudzu	Western red cedar*
Lantana	Willow
Multiflora rose	*Not for use in California
Mock orange*	



## **ANNUAL AND PERENNIAL WEED SPECIES:**

GroundWork® Concentrate 25% Weed & Grass Killer will provide full or partial control (suppression) of these annual and perennial weed species:

Artichoke, Jerusalem	Filaree
Barnyardgrass	Florida pusley
Beggarweed	Garden spurge
Bittercress	Goosegrass
Black medic	Green foxtail
Broadleaf plantain	Guineagrass
Buckhorn plantain	Hemp sesbania
Bull thistle	Henbit
Burclover	Horsenettle
Canada thistle	Horseradish
Chickweed	Horseweed/marestail
Clover	Iceplant
Cocklebur	Ironweed
Common groundsel	Knapweed
Common mullien	Knawel
Common ragweed	Knotweed
Coral-bead	Lambsquarters
Crabgrass	London rocket
Creeping beggarweed	Lovegrass
Creeping Charlie	Mallow
Curly dock	Mayweed
Dallisgrass	Milkweed
Dandelion	Mouseear chickweed
Evening primrose	Nimblewill
Fall panicum	Oleander*
False dandelion	Oxalis
Fennel	Pampas grass
Fiddleneck	Pennsylvania smartweed
Field bindweed	Pigweed
Field pennycress	Plantain
Field sandbur	

*(Continued on next page)*

Prickly lettuce  
Primrose  
Prostrate spurge  
Puncturevine  
Purple cudweed  
Purple nutsedge  
Purslane  
Quackgrass  
Ragweed  
Red clover  
Red sorrel\*  
Redroot pigweed  
Shepherd's purse  
Smartweed  
Smooth catsear  
Smooth pigweed  
Sowthistle  
Spotted spurge  
Spurge  
Sunflower  
Tansy ragweed  
Tansy mustard  
Texas panicum

Thistle  
Timothy  
Toadflax  
Torpedograss  
Trailing lantana  
Tumble mustard  
Vaseygrass  
Velvetleaf  
Virginia-creeper  
White clover  
Whitetop  
Wild barley  
Wild carrot  
Wild geranium  
Wild morningglory  
Wild mustard  
Wild oats  
Wild sweet potato  
Witchgrass  
Yarrow  
Yellow nutsedge  
Yellow oxalis  
Yellow starthistle

\*Not for use in California.

## **WHEN TO USE**

Apply to actively growing weeds when the vegetation is green. Use when the wind is calm to avoid drift. Make applications on warm sunny days when the daytime temperature is above 60°F. Weed control is accelerated by warm sunny weather. Weeds usually begin to wilt within hours with complete kill in 1 to 2 weeks. Rain or watering 2 hours after application will not wash away effectiveness. Hard-to-control weeds and thick lawn grasses (like bermudagrass) may require a second application.

## HOW TO USE

This product is formulated for spot treatment of individual weeds and grasses or for treatment of large areas as instructed on this label.

To apply this product use any of the following equipment:

- Plastic, aluminum or stainless steel tank sprayer
- Ortho Dial 'N Spray®
- Ortho Spray-Ette®
- A hose end sprayer recommended for herbicides.
- Hand-trigger pump sprayer.
- **Do not use or store in galvanized or unlined steel sprayer, or through any irrigation system or sprinkling can.**
- Apply to evenly and thoroughly wet weeds and grasses.
- Use a tank type sprayer with a coarse spray nozzle for spot treatments.
- Use the Ortho Dial 'N Spray® or other hose end sprayer to treat large areas such as for lawn renovation or to prepare sites for planting flower beds or vegetable gardens.
- Treated weeds begin to wilt in about 2 to 4 days with complete kill of the weed including the root in 2 to 4 weeks.
- GroundWork® Concentrate 25% Weed & Grass Killer does not move or build up in the soil to effect untreated plants growing nearby.
- Ornamental plantings can be made 3 days after treatment. Vegetable gardens can be seeded or planted 3 days after treatment.
- For lawn replacement, lawns may be replanted 1 week after spraying.
- Measure the correct amount of GroundWork® Concentrate 25% Weed & Grass Killer and water to add to sprayer from the directions on next page.

**For General Weed Control:** Use near fences, in paths, patios, sidewalks, curbs and driveways, around ornamental trees, shrubs, flower beds and plantings, around buildings. Control weeds in brick and gravel walks. Use for trimming and edging landscapes. NOT recommended for spot weed treatment in lawns, since glyphosate kills all green plants, including lawn grasses.

**Spot Treatments:** Spray directly on actively growing weeds in and around flower beds, ornamental trees, fruit and nut trees, grapevines, shrubs, fences, driveways and walkways. Do not spray fruit and nut trees or grapevines directly.

**TABLE 1. SPRAY PREPARATION WITH HOSE END SPRAYERS AND TANK SPRAYERS**

SPRAYER TYPE	MIXING INSTRUCTIONS		TREAT
	Annuals or General Weed Control	Tough Weed Control Perennial Weeds	
Standard Tank Sprayer	<ul style="list-style-type: none"> <li>Use 2.25 fl. oz. of GroundWork® Concentrate 25% Weed &amp; Grass Killer in 1 gallon of water.</li> </ul>	<ul style="list-style-type: none"> <li>Use 4.5 fl. oz. of GroundWork® Concentrate 25% Weed &amp; Grass Killer in 1 gallon of water.</li> </ul>	300 sq. ft. (30 ft x 10 ft)
Ortho Dial 'N Spray® Hose End Sprayer	<ul style="list-style-type: none"> <li>Add 2.25 fl. oz. of GroundWork® Concentrate 25% Weed &amp; Grass Killer to sprayer jar.</li> <li>DO NOT ADD WATER.</li> <li>Set dial to 3 oz. and apply.</li> </ul>	<ul style="list-style-type: none"> <li>Add 4.5 fl. oz. of GroundWork® Concentrate 25% Weed &amp; Grass Killer to sprayer jar.</li> <li>DO NOT ADD WATER.</li> <li>Set dial to 5 oz. and apply.</li> </ul>	300 sq. ft.

*(continued on next page)*

**TABLE 1. SPRAY PREPARATION WITH HOSE END SPRAYERS AND TANK SPRAYERS (continued)**

SPRAYER TYPE	MIXING INSTRUCTIONS		TREAT
	Annuals or General Weed Control	Tough Weed Control Perennial Weeds	
Ortho Spray-Ette® Hose end Sprayer	<ul style="list-style-type: none"> <li>• Add 8 fl. oz. of GroundWork® Concentrate 25% Weed &amp; Grass Killer to sprayer jar.</li> <li>• Fill to 4 gallon mark.</li> </ul>	<ul style="list-style-type: none"> <li>• Add 16 fl. oz. of GroundWork® Concentrate 25% Weed &amp; Grass Killer to sprayer jar.</li> <li>• Fill to 4 gallon mark.</li> </ul>	1200 sq. ft. (30 ft x 40 ft)
Hand Trigger Sprayers	<ul style="list-style-type: none"> <li>• Use 1 tbs. (0.5 fl. oz.) of GroundWork® Concentrate 25% Weed &amp; Grass Killer in 24 fl. oz. of water.</li> </ul>	<ul style="list-style-type: none"> <li>• Use 2 tbs. (1.0 fl. oz.) of GroundWork® Concentrate 25% Weed &amp; Grass Killer in 24 fl. oz. of water.</li> </ul>	Use for spot treatments or single weeds

## EQUIVALENT MEASUREMENTS

1 teaspoon (tsp.)

1 tablespoon (tbs.) = 3 teaspoons (tsp.)

1 fluid ounce (fl.oz.) = 2 tablespoons (tbs.)

2 fluid ounces (fl.oz.) = 4 tablespoons (tbs.)

**GroundWork® Concentrate 25% Weed & Grass Killer in these container sizes will treat these approximate areas:**

<b>CONTAINER SIZE</b>	<b>ANNUAL WEEDS (Treated Area, Sq. Ft.)</b>	<b>PERENNIAL WEEDS (Treated Area, Sq. Ft.)</b>
40 fl.oz.	6,000 sq. ft.	3,000 sq. ft.
2 quarts (1/2 gallon)	9,600 sq. ft.	4,800 sq. ft.

### **For Landscaping:**

- Prepare areas for planting of ornamentals, trees, shrubs, desert landscapes, rock gardens, flower beds or similar plantings.
- Delay mowing, tilling, or disturbing the treated vegetation for at least seven (7) days after application of this product for the best results. However, if the treated vegetation is not disturbed, planting or transplanting of trees, flowers, shrubs, bedding plants may be done at one (1) day after application.

### **For Lawn Renovation and Lawn Replacement:**

- Spot treatments or broadcast applications can be used to establish or renovate warm season and cool season turfgrass from seed or planting stock. This product may be applied before planting, seeding, sprigging, plugging, or sodding.

- Use GroundWork® Concentrate 25% Weed & Grass Killer to remove the existing lawn and kill weeds and grasses. Uniform and complete spray coverage of all existing vegetation is required.
- Bermudagrass, nutsedge, torpedograss and deep rooted perennials may require a second treatment in 5 to 7 days.
- For best results, apply in spring or fall when daytime temperatures are at least 60°F.
- Best results are obtained when one mowing is skipped before and after the application of this product.
- If the lawn is dry, water lawn before applying GroundWork® Concentrate 25% Weed & Grass Killer. Water again 2 to 3 days after application.
- Hose end sprayers and tank sprayers are appropriate for localized spot treatments and broadcast (entire) applications on small turfgrass areas, e.g. 10,000 sq. ft. Refer to Table 1 for the spray preparation using hose end sprayers and tank sprayers.
- Conventional sprayers fitted with spray booms and spray guns are appropriate for broadcast (entire) applications on large turfgrass areas, e.g. 20,000 sq. ft. Refer to Table 2 for the spray preparation using power spray equipment suitable for large turfgrass areas.
- Seeding, sprigging, plugging or sodding may be done at seven (7) days after application of this product. Prepare the soil for planting by raking, roto-tilling, vertical cutting, or other tillage method.
- Rake up and remove loosened thatch or debris.
- Mix in starter fertilizer and soil amendments if needed. Establish the lawn according to local cultural practices.



**TABLE 2. SPRAY PREPARATION FOR LAWN RENOVATION AND LAWN REPLACEMENT USING POWER SPRAY EQUIPMENT WITH BROADCAST APPLICATIONS**

Site	Major Weed Species	Amount of Product, Quarts/Acre	Spray Volume, Gals./Acre	Amount of Product, fl. oz./ 1000 sq. ft.	Spray Volume, Gals./ 1000 sq. ft.
Lawn & turf seedbeds (prior to establishment):	Many annual and perennial grasses and broadleaf weeds, including annual bluegrass, crabgrass, lambsquarters and ragweed.	Annual weeds: 1.8 - 3.6	≤ 25	1.3 - 2.6	< 1
		Perennial weeds: 5.5 - 9.5	≤ 25	4.0 - 7.0	< 1
	Bahiagrass	5.5 - 9.5	≤ 25	4.0 - 7.0	< 1
	Bentgrass, colonial creeping	2.7 - 3.6	≤ 25	2.0 - 2.6	< 1
	Bermudagrass, common and hybrid	5.5 - 9.5	≤ 25	4.0 - 7.0	< 1

*(continued on next page)*

**TABLE 2. SPRAY PREPARATION FOR LAWN RENOVATION AND LAWN REPLACEMENT USING POWER SPRAY EQUIPMENT WITH BROADCAST APPLICATIONS (continued)**

Site	Major Weed Species	Amount of Product, Quarts/Acre	Spray Volume, Gals./Acre	Amount of Product, fl. oz./1000 sq. ft.	Spray Volume, Gals./1000 sq. ft.
	Bluegrass, annual rough and Kentucky	1.8 - 3.6	≤ 25	1.3 - 2.6	< 1
	Bromegrass, downy and smooth	1.8 - 3.6	≤ 25	1.3 - 2.6	< 1
	Orchardgrass	1.8 - 3.6	≤ 25	1.3 - 2.6	< 1
	Canarygrass, reed	3.6 - 5.5	≤ 25	2.6 - 4.0	< 1
	Fescue, tall	3.6 - 5.5	≤ 25	2.6 - 4.0	< 1
	Fescues, chewings, hard, red, sheep	5.5 - 9.5	≤ 25	4.0 - 7.0	< 1
	Johnsongrass and ryegrass annual, perennial	1.8 - 5.5	≤ 25	1.3 - 4.0	< 1

(continued on next page)

**TABLE 2. SPRAY PREPARATION FOR LAWN RENOVATION AND LAWN REPLACEMENT USING POWER SPRAY EQUIPMENT WITH BROADCAST APPLICATIONS (continued)**

Site	Major Weed Species	Amount of Product, Quarts/Acre	Spray Volume, Gals./Acre	Amount of Product, fl. oz./ 1000 sq. ft.	Spray Volume, Gals./ 1000 sq. ft.
	Kikyugrass	3.6 - 5.5	≤ 25	2.6 - 4.0	< 1
	Quackgrass and yellow nutsedge	3.6 - 5.5	≤ 25	2.6 - 4.0	< 1
	Other perennial grasses listed on this label	5.5 - 9.5	≤ 25	4.0 - 7.0	< 1

**PRECAUTIONS, RESTRICTIONS & COMMENTS FOR LAWN RENOVATION AND LAWN REPLACEMENT SITE PREPARATION (preplant, preemergence, renovation):** This product may be applied before planting or renovation of turf. Applications must be made prior to the emergence of the turf to avoid turf injury. For maximum control of existing vegetation, delay planting to determine if any regrowth from escaped underground plant parts occurs. Where repeat treatments are necessary, sufficient regrowth must be attained prior to application. For warm season grasses, such as bermudagrass, summer or fall applications provide best control.

Do not disturb soil or underground plant parts before treatment.

Tillage or renovation techniques such as vertical mowing, coring or slicing should be delayed for 7 days after application to allow proper translocation into underground plant parts.

This product does not provide residual control.

**FOR FARMSTEADS AND FENCEROWS:** GroundWork® Concentrate 25% Weed & Grass Killer will control kochia, multiflora rose, thistle in areas where total vegetation control is desired. Specific instructions for farmsteads are presented in Table 3.

**TABLE 3. SPRAY PREPARATION FOR FARMSTEADS USING POWER SPRAY EQUIPMENT**

Site	Major Weed Species	Amount of Product, Quarts/Acre	Spray Volume, Gals./Acre	Amount of Product, fl. oz./ 1000 sq. ft.	Spray Volume, Gals./ 1000 sq. ft.
Farmsteads where total vegetation control is desired: around farmstead building foundations, along fences, hedgerows, fencerows, under fencelines, around shelter belts and other area where nonselective weed control is desired.	Annual and perennial weeds, including crabgrass, foxtail, Johnsongrass, kochia, morningglory, multiflora rose, pigweed, trumpet creeper, thistle, woody brush.	Annual weeds: 1.8 - 3.6  Perennial weeds: 5.5 - 9.5  Woody brush & trees: 5.5 - 9.5	3 - 40  3 - 40  3 - 40	1.3 - 2.6  4.0 - 7.0  4.0 - 7.0	≤ 1.0  ≤ 1.0  ≤ 1.0

*See next page for Table 3 –  
Precautions, Restrictions & Comments*

### TABLE 3. SPRAY PREPARATION FOR FARMSTEADS USING POWER SPRAY EQUIPMENT (Cont.)

#### **PRECAUTIONS, RESTRICTIONS & COMMENTS:**

#### **SITE PREPARATION (preplant, preemergence, renovation):**

**BARE GROUND:** Repeated applications of this product may be used on emerged weeds to maintain bare ground.

#### **NONSELECTIVE POSTEMERGENCE:**

**Annuals and Perennials:** Apply to foliage of emerged weeds. Apply at early growth stages of annual weeds and when perennial weeds are approaching maturity.

**Woody brush and trees:** Apply this product after full leaf expansion. Use the higher rate for larger plants and/or dense areas of growth. On vines, use the higher rate for plants that have reached the woody stage of growth. Best results are obtained when applications are made in late summer or fall after fruit formation.

In arid areas, best results are obtained when applications are made in the spring to early summer when brush species are at high moisture content and are flowering.

Allow 7 or more days after application before tillage, mowing or removal. Repeat treatments may be necessary to control plants regenerating from underground parts or seed. Reduced performance may result if fall treatments are made following a frost.

## **FOR GARDENS (VEGETABLES, HERBS, SMALL FRUITS AND BERRIES):**

This product may be applied before planting or transplanting of vegetables (garden crops), herbs and small fruits and berries. This product may be used as a broad spectrum postemergent herbicide prior to planting to control annual and perennial weeds including field bindweed, Johnsongrass, or dallisgrass.

Spray the undesirable vegetation on a spray-to-wet basis. Uniform and complete spray coverage of all existing vegetation is required.

## **RESEEDING AND REPLANTING IN SPRAYED AREAS**

**ORNAMENTALS AND FLOWERS:** Reseed or replant one (1) day after application.

**VEGETABLES:** Wait three (3) days before planting or transplanting the vegetables listed below:

Beans	Gourds
Beet greens	Honeydew melon
Broccoli	Honeyball melon
Brussels sprout	Horseradish
Cabbage	Jerusalem artichoke
Cantaloupe	Kale
Carrot	Kohlrabi
Cauliflower	Leek
Casaba melon	Lentils
Chard (Swiss)	Lettuce
Chicory	Mango melon
Collards	Melons
Corn	Muskmelon
Crenshaw melon	Mustard greens
Cucumber	Okra
Eggplant	Onion
Endive	Rape greens
Garlic	Parsley

Parsnips	Summer squash
Peas	Sweet potato
Pepper	Tomatillo
Persian melon	Tomato*
Potato	Turnip
Pumpkin	Watercress
Radish	Watermelon
Rhubarb	Winter squash
Rutabaga	Yams
Spinach	

\*Tomatoes planted from seed only. Wait thirty (30) days for transplants. For vegetables not listed or for tomato transplants, wait thirty (30) days before planting.

**SMALL FRUITS AND BERRIES:** Blackberry, black raspberry, blueberry, boysenberry, currant, dewberry, elderberry, gooseberry, huckleberry, loganberry, olallieberry, and red raspberry may be planted by seed, rooted cutting, or transplant 7 days after spraying GroundWork® Concentrate 25% Weed & Grass Killer. Wait thirty (30) days after application before planting of all other unlisted small fruits and berries.

**FRUIT TREES, NUT TREES, CANEBERRIES OR GRAPEVINES:** If this product is used to control weeds around fruit or nut trees, caneberries or grapevines, wait twenty-one (21) days before harvesting and eating the fruits or nuts.

Use the following table to determine the amount of GroundWork® Concentrate 25% Weed & Grass Killer to mix with water for use in gardens (vegetables, herbs, small fruits and berries). Close cap tightly after use.

**TABLE 4. SPRAY PREPARATION WITH HOSE END SPRAYERS AND TANK SPRAYERS FOR USE IN GARDENS, (VEGETABLES, HERBS, SMALL FRUITS, AND BERRIES)**

SPRAYER TYPE	MIXING INSTRUCTIONS		TREAT
	Annuals or General Weed Control	Tough Weed Control: Perennial Weeds	
Standard Tank Sprayer	<ul style="list-style-type: none"> <li>Use 2.25 fl. oz. of GroundWork® Concentrate 25% Weed &amp; Grass Killer in 1 gallon of water.</li> </ul>	<ul style="list-style-type: none"> <li>Use 4.5 fl. oz. of GroundWork® Concentrate 25% Weed &amp; Grass Killer in 1 gallon of water.</li> </ul>	300 sq. ft. (30 ft x 10 ft)
Ortho Dial 'N Spray® Hose End Sprayer	<ul style="list-style-type: none"> <li>Add 2.25 fl. oz. of GroundWork® Concentrate 25% Weed &amp; Grass Killer to sprayer jar.</li> <li>DO NOT ADD WATER.</li> <li>Set dial to 3 oz. and apply.</li> </ul>	<ul style="list-style-type: none"> <li>Add 4.5 fl. oz. of GroundWork® Concentrate 25% Weed &amp; Grass Killer to sprayer jar.</li> <li>DO NOT ADD WATER.</li> <li>Set dial to 5 oz. and apply.</li> </ul>	300 sq. ft.

*(continued on next page)*



**TABLE 4. SPRAY PREPARATION WITH HOSE END SPRAYERS AND TANK SPRAYERS FOR USE IN GARDENS, (VEGETABLES, HERBS, SMALL FRUITS, AND BERRIES) (continued)**

SPRAYER TYPE	MIXING INSTRUCTIONS		TREAT
	Annuals or General Weed Control	Tough Weed Control: Perennial Weeds	
Ortho Spray-Ette® Hose end Sprayer	<ul style="list-style-type: none"> <li>• Add 8 fl. oz. of GroundWork® Concentrate 25% Weed &amp; Grass Killer to sprayer jar.</li> <li>• Fill to 4 gallon mark.</li> </ul>	<ul style="list-style-type: none"> <li>• Add 16 fl. oz. of GroundWork® Concentrate 25% Weed &amp; Grass Killer to sprayer jar.</li> <li>• Fill to 4 gallon mark.</li> </ul>	1200 sq. ft. (30 ft x 40 ft)
Hand Trigger Sprayers	<ul style="list-style-type: none"> <li>• Use 0.5 fl. oz. (1 tbs.) of GroundWork® Concentrate 25% Weed &amp; Grass Killer in 24 fl.oz. of water.</li> </ul>	<ul style="list-style-type: none"> <li>• Use 1 fl. oz. (2 tbs.) of GroundWork® Concentrate 25% Weed &amp; Grass Killer in 24 fl.oz. of water.</li> </ul>	Use for spot treatments or single weeds

## **CLEANING APPLICATION EQUIPMENT:**

To clean sprayer after use, rinse spray equipment thoroughly and flush all sprayer components with water 3 times after use. Spray rinsate on bare soil or gravel surface. Do not apply rinsate to treated weeds. Only after a very thorough cleaning can the sprayer or spray equipment be used for application of other products.

## **STORAGE & DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container in a locked storage area inaccessible to children and domestic animals. Protect container from freezing.

**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 or outdoor drain.

## **LIMITED WARRANTY AND DISCLAIMER**

FOR USE ONLY AS DIRECTED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY EXPRESSLY DISCLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, IN NO CASE SHALL THE MANUFACTURER BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, OR SPECIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. If these terms are not acceptable, return this product unopened immediately to the point of purchase, and the purchase price will be refunded in full. The terms of this LIMITED WARRANTY

**STATEMENT cannot be varied by any written or verbal statements or agreements at the point of sale or elsewhere.**

**GroundWork® is a registered trademark of Tractor Supply Co.**

**Ortho®, Ortho Dial 'N Spray®, and Ortho Spray-Ette® are registered trademarks of Monsanto Company.**

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## PRECAUTIONARY STATEMENTS

### Hazards to Humans & Domestic Animals

**CAUTION:** Causes moderate eye irritation. Harmful if absorbed through the skin. Harmful if swallowed. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

<b>FIRST AID</b>	
<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 do so by the poison control center or doctor.</li><li>• Do not give anything by mouth 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>If inhaled:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<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. 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.	

### PHYSICAL OR CHEMICAL HAZARDS:

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

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