



READY-TO-USE 2%

Weed & Grass Killer



Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2011-2013 LIC. NO.



Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2014-2016 LIC. NO.

9554.149

GLYPHOSATE (2%)

Spot treatment of unwanted weeds and grasses

Rainfast in hours

Allows grass reseeding in one week

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

ACTIVE INGREDIENT:

Isopropylamine salt of glyphosate*2.0%

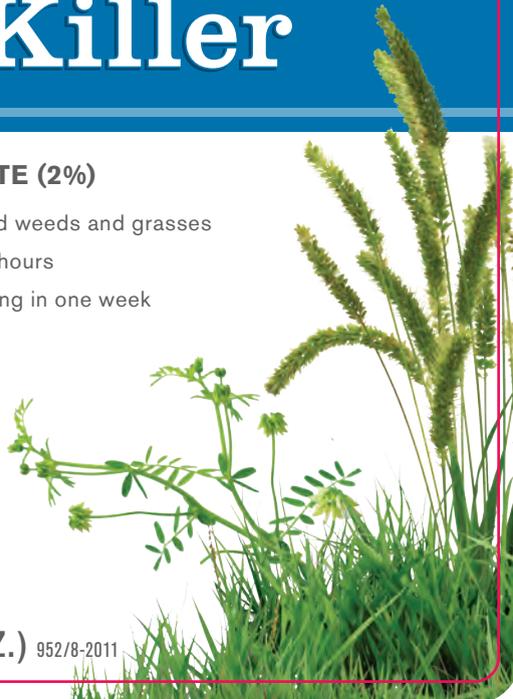
INERT INGREDIENTS:.....98.0%

*N-(Phosphonomethyl)glycine.

TOTAL 100.0%

4221103

NET CONTENTS: 1 GAL. (128 FL. OZ.) 952/8-2011





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952/8-2011 AP060509
EPA REG. NO. 2217-844
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Manufactured by:
PBI/GORDON CORPORATION
1217 WEST 12TH STREET
KANSAS CITY, MO 64101

Available exclusively for:
TRACTOR SUPPLY COMPANY
200 POWELL PLACE
BRENTWOOD, TN 37027
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call: 1-888-376-9601
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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 skin. Avoid contact with skin, eyes or clothing. Harmful if swallowed. Wash thoroughly with soap and water.

FIRST AID

If in eyes:	<ul style="list-style-type: none"> • 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 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. • Have person sip a glass of water if able to swallow. • 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.

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:

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.

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® Ready-To-Use 2% Weed & Grass Killer is a general purpose herbicide designed as a ready-to-use spray to control a broad spectrum of emerged annual and perennial weed species. Groundwork® Ready-To-Use 2% 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 down 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.
- Any product not absorbed by plants breaks down into natural materials without moving in or on the soil to untreated plants.
- This product has no soil residual activity and thus will not affect nearby untreated plants.

- Plants that have not emerged at the time of application will not be controlled.
- Best results will be obtained when the weed species are actively growing.

TOUGH WEED CONTROL

(Annuals, Perennials and Brush)

CONTROLS WEEDS AND GRASSES INCLUDING:

Lawn and Turfgrass Species

Groundwork® Ready-To-Use 2% Weed & Grass Killer will provide full or partial control (suppression) of these lawn and turfgrass species:

bahiagrass	foxtail, green, yellow,
bermudagrass, creeping and redtop	creeping, meadow and giant
Johnsongrass	
common and hybrid	kikuyugrass
bluegrass, annual, rough, and Kentucky	orchardgrass
bromegrass, downy and smooth	<i>Paspalum</i> spp.
buffalograss*	ryegrass, annual (Italian), perennial, and hardy
canarygrass, reed	St. Augustinegrass
carpetgrass*	zoysiagrass or
centipedegrass	Japanese lawngrass
fescue, chewings, hard, red, tall and sheep	

*Not for use in California

Woody Species

Groundwork® Ready-To-Use 2% Weed & Grass Killer will provide full or partial control (suppression) of these woody species:

alder	coyotebrush
blackberry	dewberry
barberry*	elm
<i>Ceanothus</i> spp.	elderberry
cherry	honeysuckle

hickory	poison hemlock
kudzu	oak
lantana	quaking aspen
maple	raspberry
multiflora rose	sumac
mock orange*	trumpet creeper
manzanita	wild blackberry
pine	western red cedar*
poison ivy	willow
poison oak	

*Not for use in California

Annual and Perennial Weed Species

Groundwork® Ready-To-Use 2% Weed & Grass Killer will provide full or partial control (suppression) of these annual and perennial weed species:

artichoke, Jerusalem	curly dock
barnyardgrass	dallisgrass
beggarweed	dandelion
bittercress	dogfennel
black medic	evening primrose
broadleaf plantain	fall panicum
buckhorn plantain	false dandelion
bull thistle	fennel
burclover	fiddleneck
buttercup	field bindweed
Canada thistle	field pennycress
chickweed	field sandbur
clover	filaree
cocklebur	Florida pusley
cogongrass	garden spurge
common groundsel	goosegrass
common mullein	green foxtail
common ragweed	guineagrass
coral-bead	hemp sesbania
crabgrass	henbit
creeping beggarweed	horsenettle
creeping Charlie	horseradish

horseweed/marestail	smartweed
iceplant	smooth catsear
ironweed	smooth pigweed
knapweed	sowthistle
knawel	spotted spurge
knotweed	sprangletop
lambquarters	spurge
London rocket	sunflower
lovegrass	tansy ragwort
mallow	tansymustard
mayweed	Texas panicum
milkweed	thistle
mouseear chickweed	timothy
nimblewill	toadflax
oleander*	torpedograss
oxalis	trailing lantana
pampasgrass	tumble mustard
Pennsylvania	vaseygrass
smartweed	velvetleaf
pennywort	Virginia creeper
pigweed	white clover
plantain	whitetop
prickly lettuce	wild barley
primrose	wild carrot
prostrate spurge	wild geranium
puncturevine	wild morningglory
purple cudweed	wild mustard
purple nutsedge	wild oats
purslane	wild sweet potato
quackgrass	witchgrass
ragweed	yarrow
red clover	yellow nutsedge
red sorrel*	yellow oxalis
redroot pigweed	yellow starthistle
shepherdspurse	and many other weeds

*Not for use in California

WHERE TO USE:

For General Weed Control and Spot Spraying

- 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.
- Around or near ornamental/shade trees, fruit and nut trees, grapevines, shrubs, ground-covers, flower beds, mulched landscape beds.
- 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.
- In areas for lawn replacement or garden plot preparation.
- 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 shelterbelts and other areas where nonselective weed control is desired.

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 Wildlife Areas

- Prepare areas for planting wildlife food.
- Control undesirable and exotic plants to allow for recovery or planting of native species.
- Make treatments to remove unwanted plants. Take care to keep spray off desirable plants.

For Brush Control – Foliar Sprays for Brush

- Cut back brush that is taller than 5 feet and then spray regrowth.
- For maximum activity, weeds should be growing vigorously at the time of the post-emergent applications. The most favorable period for treatment occurs after full leaf stage in the spring and continues into early summer. Brush treated in the late fall may not be fully controlled.
- Spray uniformly the foliage of the vegetation to be controlled. Apply for full coverage and thorough brush/weed contact.
- Follow-up applications of this product or with a different herbicide may be needed under less favorable growing conditions and for hard-to-control species including blackberry, poison oak, and kudzu. Another choice for effective brush control is Gordon's Cleanout® Brush and Stump Spray. Gordon's Cleanout® Brush and Stump Spray is recommended to control undesirable woody plants including buckbrush, poison ivy, multi-flora rose, and sumac. Foliar applications of Gordon's Cleanout® Brush and Stump Spray are appropriate during the period of active growth of the brush. Cut stump, basal bark, and frill treatments of Gordon's Cleanout® Brush and Stump Spray may be applied any time of year.

Cut-Surface Stump Treatment **(Not for use in California)**

- Cut stump treatments are effective on stumps with diameters larger than 3-4 inches in diameter.
- Cut trees and brush close to the soil surface. Apply this to the freshly cut surface of the stump *immediately* after cutting. Delays in application may reduce the effectiveness.
- Apply for full and thorough coverage of the cut surface. Treat the entire circumference of the stump by drenching the cambium (the outermost wood between the pith and the bark).
- Treatment will control or suppress many types of woody brush and trees, such as alder, bluegum eucalyptus, madrone, oak, giant reed, saltcedar, sweetgum and tan oak.
- The most favorable period for cut stump treatment occurs after full leaf stage in the spring and continues into early summer. Brush and trees treated in the late fall may not be fully controlled.
- Follow-up applications of this product or with a different herbicide may be needed under less favorable growing conditions and for hard-to-control species. Another choice for effective control with a cut-surface stump treatment is Gordon's Cleanout® Brush and Stump Spray.

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® Ready-To-Use 2% 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® Ready-To-Use 2% Weed & Grass Killer. Water again 2 to 3 days after application.
- Seeding, sprigging, plugging or sodding may be done at seven (7) days after application of this product. Prepare the soil for planting by raking, rototilling, 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.

For Vine Control

- If vines are growing up poles, fences, or tree trunks with mature bark, cut vines to a height of 3 to 4 feet and spray vines thoroughly.
- If vines are climbing shrubs or tree trunks with green bark, cut vines at base and treat as directed for stumps or spray regrowth. If spraying regrowth, shield shrubs and green bark from spray drift with a piece of cardboard or plastic.

HOW AND WHEN TO APPLY:

- Groundwork® Ready-To-Use 2% Weed & Grass Killer is formulated for “spot” treatment of individual weeds and grasses. This product is ready-to-use (RTU) and is applied directly from the container fitted with a trigger sprayer. Direct the spray to the target weeds — the ones you

want to kill — to provide uniform and thorough coverage. Apply on a spray-to-wet basis.

- Direct the spray to the target weeds (or to individual weeds) and apply on a spray-to-wet basis.
- Apply when the weeds are growing actively and air temperatures are above 60°F.
- Spray when air is calm to prevent drift to desirable plants.
- When treating around desirable plants, shield plants from drift with a sheet of cardboard or plastic. If desirable plant is accidentally sprayed, rinse off immediately with water.
- One (1) application will kill most of the weeds listed.
- 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.
- Weed control may be reduced under adverse environmental conditions, e.g., drought, cool temperatures or misapplication. Difficult to control weeds, dense infestations/populations, or heavy/dense growth (canopy) of the target species may require additional applications. Two (2) or more applications at four (4) weeks intervals may be required for season-long control.
- Ornamental flowers, trees and shrubs may be planted 1 day after application.
- The 128 fl. oz. (1 gallon) retail container size treats approximately 1,000 weeds or up to 3,500 sq. ft.

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.

Planting intervals:

Blackberry, blueberry, boysenberry, currant, dewberry, elderberry, gooseberry, huckleberry, Loganberry, olallieberry, red raspberry and black raspberry 1 day

Artichoke (Jerusalem), beans (all), beet greens, broccoli, Brussels sprout, cabbage (all), carrot, cauliflower, celery, chard (Swiss), chicory, collards, endive, horseradish, kale, kohlrabi, leek, lentil, lettuce, mustard greens, okra, onion, rape greens, parsley, parsnip, potato, radish, rhubarb, rutabaga, spinach, sweet potato, turnip and yams 1 day

Corn, cucumber, eggplant, garlic, gourds, melons (all), pea (all), pepper (all), pumpkin, squash (summer and winter), tomatillo, tomato (by seed) and watercress 3 days

Tomatoes from transplants and all berries, fruits, vegetables and herbs not on previous lists. 30 days

Harvest intervals:

Allow a minimum of 14 days between the last application of this product and harvest of berries: Blackberry, blueberry, boysenberry, currant, dewberry, elderberry, gooseberry, huckleberry, Loganberry, olallieberry, red raspberry and black raspberry.

STORAGE & 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: 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.

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or

consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

CLEANOUT® and PRONTO® are registered trademarks of PBI/Gordon Corporation.

952/8-2011 AP060509
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EPA EST. NO. 2217-KS-2

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PRECAUTIONARY STATEMENTS

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