

#### U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

4-491 6/24/19

Date of Issuance:

EPA Reg. Number:

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance:
Conditional

Name of Pesticide Product:

BN-1437

Name and Address of Registrant (include ZIP Code):

Rebecca Horton Bonide Products, Inc. 6031 Sutliff Road Oriskany, NY 13424

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/registration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

Reuben Baris, Product Manager 25
Herbicides Branch, Registration Division (7505P)

Date:

6/24/19

EPA Form 8570-6

- 2. You are required to comply with the data requirements described in the DCI identified below:
  - a. Glyphosate GDCI: EPA-HQ-OPP-2009-0361
  - b. Diquat Dibromide GDCI: EPA-HQ-OPP-2009-0846

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division: <a href="http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1">http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1</a>

- 3. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
- 4. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, "EPA Reg. No. 4-491."
- 5. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

Basic CSF dated 11/02/2018

If you have any questions, please contact Grant Rowland by phone at 703-347-0254, or via email at rowland.grant@epa.gov.

Enclosure

# {comments for reviewer information}

# **BN-1437**

**{Additional Brand Names -} (**Trusted Since 1926)(BONIDE®) KleenUp Fast Concentrate; (Trusted Since 1926)(BONIDE®) KleenUp Fast Concentrate II; (Trusted Since 1926)(BONIDE®) BK-32 Brush Killer Concentrate; (Trusted Since 1926)(BONIDE®) Brush and Vine Killer Concentrate; (Trusted Since 1926)(BONIDE®) Poison Ivy, Oak, and Vine Killer Concentrate; (Trusted Since 1926)(BONIDE®) Poison Ivy, Oak, Kudzu and Vine Killer Concentrate; (Trusted Since 1926)(BONIDE®) Stump and Vine Killer)

EPA Reg. No. 4-XXX EPA Est. No. XXX-XX-XXX

{Three sublabels represent the entire or master label of BN - 1437. Please refer to the appropriate section of the labeling as shown as follows:

# Section Label Language common to all sublabels Sublabel 1. Traditional layout Sublabel 2. Ready to Spray Sublabel 3. Alternate to Traditional layout}

# {Optional Marketing Statements:}

- Make only what you need
- Mix into tank sprayer
- Multipurpose grass and broadleaf weed control
- Next day [this weekend] results: Begins killing on contact, visible results in 12 hours.
- No odor
- No root. No weed. No problem
- Non-Selective: Kills weeds & grasses
- Once it enters the plant, it won't wash off
- One application kills over 200 types of weeds and grasses, roots and all (maximum effectiveness)
- Ornamental gardens can be reseeded or planted 1 day after treatment
- Proven (trusted) performance
- Provides maximum control: Kills weeds to the root so they don't ever come back
- Quick-action formula lets you see results fast
- RainFast in hours enters the plant on contact
- Replant (lawn grasses, herbs, vegetables (all), and fruits) 3 days after application
- Same effective results even if it rains within hours
- Single application controls (kills) most weeds
- Spray weeds until thoroughly wet
- Starts to work immediately
- This GLYPHOSA TE + DIQUAT formula targets an enzyme found in plants, but not in people or pets
- [Use] For Brush Control
- [Use] For Weed Control: Use along fences, paths, patios, sidewalks and driveways, around trees, shrubs, ornamental plantings, flowerbeds, and buildings, and in brick and gravel walkways.
- Use for large jobs like garden plot preparation and lawn replacement (renovation)
- [Use] For Lawn Renovation
- Use to trim and edge landscape areas.
- [Use] For Spot Spraying: Use in and around flowerbeds, ornamental trees, shrubs, fences, driveways and walkways
- [Use] For Stumps
- Use to prepare sites: for large plantings, for planting flowerbeds, fruit trees, ornamentals, vegetables and gardens, and for renovating lawns
- Use as a spot treatment along sidewalks, fences, driveways, and patios
- Use along fences; in cracks of walks, drives and patios; and around flower beds, trees and shrubs
- Visible effects are gradual wilting and yellowing advancing to complete browning and root destruction.
- [Provides] Visible [see] results in [24 hours] [days]
- Visible Results in Hours
- Water based formula
- Weed Eliminator
- Weed Killer

- Kills to the root!
- Around trees in gardens, lawn renovation, weeds, grasses, brush
- One quart makes up to 10 gallons. {Mixture volume on label to vary based on equivalent use rate for different packaging sizes}
- One quart covers up to 150 sq. ft. {Area of coverage on label to vary based on equivalent use rate for different packaging sizes}
- Reseed (lawns) in 7 days
- Kills to the root so weeds won't grow back
- Use to prepare sites for large plantings, for planting flower beds, for planting fruit trees, ornamentals, vegetables, garden sites, and to renovate lawns
- Kills weeds in flower beds and around fences, trees, driveways, walkways and shrubs, in and around patios, paths, sidewalk cracks
- Lawns can be planted 7 days after application
- Ornamental gardens can be reseeded or planted 1 day after treatment
- See results in 2-4 days
- Kills tough weeds in 1 to 2 weeks, roots and all
- [This product] will kill almost all unwanted vegetation, including annual and perennial weeds, grasses, and other unwanted plants
- Use on or around: brush, grasses, trees, weeds and lawn renovation
- Makes up to 10 gallons
- Kills the Root
- Kills weeds, grasses and brush
- Use around trees, gardens, sidewalks, driveways and for lawn renovation

# {Label Language Common To All Sublabels}

ACTIVE INGREDIENT:		
Glyphosate, isopropylamine salt*	18.00%	ACCEPTED
Diquat dibromide	0.73%	00/04/0040
OTHER INGREDIENTS:		06/24/2019
TOTAL:	100.00%	Under the Federal Insecticide, Fungicide
		Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 4-491
*Contains 1.60 lbs glyphosate acid per US gallon		EPA Reg. No. 4-491

# Keep out of reach of children

# **CAUTION**

See back (side) panel (b	ooklet) for addi	tional Precautionary Statements and First Aid
Net Contents:	Fl. Oz. (	mL)

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

# **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. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

This product is toxic to aquatic invertebrates. Do not apply directly to water. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

	FIRST AID	
If in eyes	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present after first 5 minutes, then continue rinsing</li> </ul>	
	eye.	
	Call a poison control center or doctor for treatment advice.	
Emergency Medical Information		

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information. This product is identified as (insert marketing product name), Reg. No. 4-\_\_\_.

# **Bonide Products, Inc.**

6301 Sutliff Road, Oriskany, NY 13424

EPA Reg. No. 4
EPA Est. No. xxx-xx-xxxxx
Store and transport in an upright position.
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# **{SUBLABEL 1 Traditional layout}**

# **HOW IT WORKS**

This product [product name] is absorbed by the weed's leaves. It moves through the weed to the root, stopping the function of an essential enzyme found in plants (but not humans or animals). Weeds die, roots and all - so weeds don't grow back. Kills only what you spray. Any product not absorbed by the plant will be deactivated after it hits the soil. (Weeds usually yellow and wilt within hours with complete kill in 1 to 2 weeks.)

**{ALTERNATE TEXT}** This product [product name] enters plants through Foliage and moves systemically to the roots, killing weeds by stopping the function of a substance found in plants (but not humans or animals).

Any of this product that gets absorbed by plants will be deactivated after it hits the soil. Weeds usually yellow and wilt within hours with complete kill in 1 to 2 weeks.

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For household use only. Shake well before use.

**USE RESTRICTIONS:** Do not mix or allow contact with an oxidizing agent. A hazardous chemical reaction may occur. Do not (mix, store or) apply with (in) a galvanized or unlined steel (except stainless steel) sprayer, or apply through any irrigation system. Do not apply this product in a way that will contact any person or pet, either directly or through drift. Only the person applying this product may be in the area during application. People and pets must not enter treated areas until spray has dried. Do not use for spot weed control in lawns; this product kills all green plants, including lawn grasses. **IMPORTANT:** While this product [name of product] may be used to prepare a vegetable garden for planting, DO NOT USE for spot treatment after planting [any] fruits or vegetables. Do not spray plants or grasses you like because they will die.

## **USE PRECAUTIONS:**

Read entire label. Application of this product will kill almost all plants contacted. Do not allow this product to contact leaves, green stems, or exposed roots of desirable lawn grasses, plants, shrubs, or trees – they will be damaged or killed. Spray when air is calm. If spray contacts desirable foliage, immediately rinse the foliage with water. Use cardboard or plastic to shield desirable plants from spray drift.

#### Where to Use

Use outdoors on patios, paths, walkways, driveways, sidewalks, mulch, and around fences and buildings; in and around flower beds and gardens, and around ornamental shrubs and trees; and to edge landscape areas. Use this product to renovate lawns and prepare new garden plots. <sup>1</sup>

#### **Amount to Use**

- Add 3-6 fl. oz. (12 TBS) per gallon of water. Use the higher rate for larger weeds. Use lower rate for easy to kill weeds such as (small) seedlings.
- For best results, apply on warm days in bright sunlight.

# **Mixing Instructions**

Tank (Pump-Up) Sprayer:

Use a plastic, fiberglass, plastic-lined steel or stainless steel sprayer. Do not mix, store or apply in (with) a galvanized or unlined steel sprayer (container).

For tough established weeds and for best results, add (measure) 6 fl. oz. (12 Tbs.) to (per) (1) gallon of water.

Spot treat or spray 1 gallon of diluted mixture evenly over 300 sq. ft.

Clean sprayer after use. Rinse sprayer and all sprayer parts with water 3 [three] times. Spray rinse water on bare soil or gravel.

#### **HOW TO SPRAY**

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a sheet [piece] of cardboard or plastic.
- If desirable plants are accidentally sprayed, rinse off immediately with water [or cut off treated area].

#### WHEN TO APPLY

Apply when weeds are actively growing. [Use anytime weeds and grasses are actively growing.] For best [fastest visual] results, apply during warm, sunny weather [above 60° F] [to accelerate systemic movement from foliage to roots.]

Apply when air is calm to prevent drift to desirable plants.

RAINPROOF Protection: Rain or watering 30 minutes after application will NOT wash away effectiveness. [Apply when weeds are small and before seeds form. Established (Hard to kill) weeds may require a repeat application.]

# WHEN TO REPLANT

All ornamental flowers, trees and shrubs may be planted 1 day after application. Lawn grasses, herbs, vegetables (all), and fruits may be planted 3 days after application.

#### **ADDITIONAL USES**

To Kill Vines

- 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 tree trunks from spray drift with a sheet (piece) of cardboard or plastic.

# To Kill Stumps

- Cut living stump close to ground.
- Drive (drill) 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

IMPORTANT: Some trees may share the same root system. Adjacent trees having a similar age, height and spacing may signal a shared roots system. Injury may occur to non-treated trees when one or more trees sharing common roots are treated.

#### To Kill Kudzu

• For best results, apply in mid to late summer when vines are mature and actively growing.

# To Kill Wild Blackberry

- Spray anytime plants are actively growing.
- Dead canes should be cut down and removed.
- Reapplication is often required to kill deep roots.

# To Kill Poison Ivy & Poison Oak

- Contact with these plants anytime of the year can cause an allergic reaction.
- Spray anytime plants are actively growing, but at least 4 weeks before the first killing frost in the fall. Reapply, if new growth appears.
- Handle dead plants with rubber gloves.
- Dispose of plants and rubber gloves in tightly sealed garbage bags.

# For Lawn Replacement

Use this product [product name] to kill a [an old] [an unwanted] lawn and [its] weeds before planting a new lawn (OR prior to laying a patio, sidewalk, or driveway).

[For lawn replacement use [insert brand name] to kill lawn and weeds before planting new lawn.]

Skip one mowing before spraying.

Use 6 fl. oz (12 Tbs) per gallon of water for each 300 sq. ft. Apply evenly over treatment area.

If soil is dry, water before application and 2 to 3 days after application.

If green patches remain after 7 days, reapply.

Wait (at least) 3 days after last application to rake, till or replant with seed or sod.

[Wait (at least) 3 days for weeds and lawn to die. Repeat if necessary. Rake or till to prepare area for planting seed or sod.]

# For (Flowerbed and) Garden (Plot) Preparation

- Use this product [product name] to kill weeds, grasses and brush before planting flowers, fruits, vegetables, trees or shrubs.
- If soil is dry, water before application and 2 to 3 days after application.
- Use 6 fl. oz. (12 Tbs.) per gallon of water for each 300 sq. ft. Apply evenly over treatment area.

• Wait 1 to 3 days after last application before planting garden. (See When to Replant section for details)

# **{OPTIONAL WEED LIST}**

#### **KILLS ALL TYPES OF WEEDS & GRASSES**

Weeds (including): Artichoke thistle, beggarweed, black medic, blue mustard, blue toadflax, brassbuttons, broadleaf plantain, burclover, buttercup, Canada thistle, cattail, chickweed, cocklebur, common groundsel, common mullein, common plantain, common ragweed, creeping beggarweed, creeping-Charlie, curly dock, dandelion, dog fennel, evening primrose, false dandelion, fiddleneck, field bindweed (wild morningglory), field pennycress, filaree, Florida pusley, garden spurge, henbit, horsenettle, horseradish, horseweed/marestail, iceplant, knapweed, knotweed, lambsquarters, lantana, little bittercress, London rocket, mallow, mayweed, milkweed, mouseear chickweed, narrowleaf (buckhorn) plantain, nightshade (silverleaf), oldenlandia, oxalis, Pennsylvania smartweed, pennywort, poison hemlock, prickly lettuce, primrose, prostrate spurge, puncturevine, ragweed, red clover, redroot pigweed, shepherdspurse, smooth catsear, smooth pigweed, sowthistle, spotted spurge, tansy ragwort, tansymustard, teaweed, trumpetcreeper, tumble mustard, Virginia creeper, white clover, whitetop, wild barley, wild mustard, wild oats, wild sweet potato, yellow starthistle, and other broadleaf weeds.

Grasses (including): Annual bluegrass, annual ryegrass, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, bromegrass, Cogongrass, crabgrass, creeping bentgrass, dallisgrass, fall panicum, fescue, field sandbur, foxtail, goosegrass, guineagrass, Johnsongrass, Kentucky bluegrass, kikuyugrass, lovegrass, maidencane, nimblewill, nutsedge, orchardgrass, pampas grass, perennial ryegrass, purple nutsedge, quackgrass, sandspur, smooth bromegrass, sprangletop, St. Augustinegrass, tall fescue, Texas panicum, Timothy, torpedograss, vaseygrass, witchgrass, yellow nutgrass, zoysia and other grassy weeds.

Brush (Tough Weeds), Unwanted Trees, Shrubs & Vines (including): Alder, ash, (quacking) aspen, blackberry, bluegum eucalyptus, broom (French, Scotch), buckwheat, ceanothus, chamise, cherry, coyote brush, dewberry, elderberry, elm, eucalyptus, giant reed, hawthorn, hazel, honeysuckle, kudzu, locust, madrone, maple, oak, persimmon, poison oak, poison ivy, poplar, raspberry, sage, sagebrush, salmonberry, saltcedar, sassafras, sumac, sweetgum, tan oak, thimbleberry, tree tobacco, wild rose (multiflora) willow and other tough weeds.

# STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in original container in a safe place away from direct sunlight. Keep from freezing. Store and transport in an upright position.

**PESTICIDE DISPOSAL & 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.

Notice – To the extent consistent with applicable law, Buyer assumes all responsibility for safer and use not in accordance with directions.

# {SUBLABEL 2 Ready-To-Spray}

## **HOW IT WORKS**

This product [product name] is absorbed by the weed's leaves. It moves through the weed to the root, stopping the function of an essential enzyme found in plants (but not humans or animals). Weeds die, roots and all - so weeds don't grow back. Kills only what you spray. Any product not absorbed by the plant will be deactivated after it hits the soil. (Weeds usually yellow and wilt within hours with complete kill in 1 to 2 weeks.)

**(ALTERNATE TEXT)** This product [product name] enters plants through Foliage and moves systemically to the roots, killing weeds by stopping the function of a substance found in plants (but not humans or animals).

Any of this product that gets absorbed by plants will be deactivated after it hits the soil. Weeds usually yellow and wilt within hours with complete kill in 1 to 2 weeks.

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For household use only. Shake well before use.

**USE RESTRICTIONS:** Do not mix or allow contact with an oxidizing agent. A hazardous chemical reaction may occur. Do not apply this product in a way that will contact any person or pet, either directly or through drift. Only the person applying this product may be in the area during application. People and pets must not enter treated areas until spray has dried. Do not use for spot weed control in lawns; this product kills all green plants, including lawn grasses. <sup>1</sup>**IMPORTANT:** While this product [name of product] may be used to prepare a vegetable garden for planting, DO NOT USE for spot treatment after planting [any] fruits or vegetables. Do not spray plants or grasses you like because they will die.

# **USE PRECAUTIONS:**

Read entire label. Application of this product will kill almost all plants contacted. Do not allow this product to contact leaves, green stems, or exposed roots of desirable lawn grasses, plants, shrubs, or trees – they will be damaged or killed. Spray when air is calm. If spray contacts desirable foliage, immediately rinse the foliage with water. Use cardboard or plastic to shield desirable plants from spray drift.

#### Where to Use

Use outdoors on patios, paths, walkways, driveways, sidewalks, mulch, and around fences and buildings; in and around flower beds and gardens, and around ornamental shrubs and trees; and to edge landscape areas. Use this product to renovate lawns and prepare new garden plots.<sup>1</sup>

# **Hose-End Sprayer Directions:**

# **{Alternate Hose-end sprayer Directions #1}**

# Ready-to-spray

- 1. Make sure knob control lever is in the OFF position. Shake well and attach to hose.
- 2. Turn water on at faucet, aim nozzle toward area to be sprayed and turn knob control lever to ON position to begin spraying.
- 3. When finished, turn control lever to OFF position. Turn faucet to OFF position. Discharge residual water pressure by turning control lever ON and OFF again. Disconnect and store out of reach of children.
- 4. One quart [32 fl. oz.] [one pint] [16 fl. oz.] treats [XXXX] square feet.

[User Tip: Start at the farthest point and work back.]

# **{Alternate Hose-end sprayer Directions #2}**

This 32 oz [16 fl. oz.] bottle will cover up to XXXX sq. ft.

# How to use hose-end sprayer:

- 1. Connect spray nozzle to garden hose.
- 2. Turn on the water from the faucet.
- 3. When you are ready to spray, turn the knob so that it points to the ON position.
- 4. The spray deflector on the front of the hose-end applicator can be rotated to give a stream or fan spray.

# To stop spraying:

- 1. When you are finished spraying or if you have to stop spraying at any time, turn the knob back to the OFF position.
- 2. Turn off the water from the faucet.
- 3. Unscrew spray nozzle from hose.

[User Tip: Start at the farthest point and work back.]

# **{Alternate Hose-end sprayer Directions #3}**

- 1. **Shake container thoroughly,** then attach to garden hose.
- 2. Turn on water supply at the source. Water pressure will build in hose since the sprayer is already in the "OFF" position.
- 3. To apply product, bend safety tab and turn the control valve clockwise to the "ON" position.
- 4. For best results, hold sprayer and bottle level, and direct spray in a sweeping side-to-side movement. Spray the
- contents of bottle evenly over the lawn surface. One quart [32 fl. oz.] [one pint] [16 fl. oz.] treats XXXX square feet.
- 5. When spraying is complete, turn the control valve back (counterclockwise). Turn the water off. Disconnect hose

from applicator and store product in original container.

[User Tip: Start at the farthest point and work back.]

# {Alternate Hose-end sprayer Directions #4}

- Measure area to be sprayed. Calculate 'square feet' by multiplying length times width. This 32 fl. oz. [16 fl. oz.] container will cover [XXXX] square feet.
- Make sure sprayer nozzle is in "OFF" position then, connect sprayer to garden hose.
- Turn water on at faucet. Extend hose to the farthest area of lawn to be treated. To begin spraying, bend tab back and turn knob control lever to "ON" position. The product mixes automatically with the water. Walk at a steady pace while spraying evenly and working back toward the faucet to avoid walking over wet, treated grass.
- To stop spraying, turn knob control lever to the "OFF" position. Turn off water at the faucet. To relieve pressure, turn knob control lever to the "ON" position and point the sprayer away from any desirable plants before disconnecting the spray nozzle from the garden hose. [User Tip: Start at the farthest point and work back.]

#### **HOW TO SPRAY**

- Spray the weeds or grasses you want to kill until thoroughly wet.
- If desirable plants are accidentally sprayed, rinse off immediately with water [or cut off treated area].

#### WHEN TO APPLY

Apply when weeds are actively growing. [Use anytime weeds and grasses are actively growing.] For best [fastest visual] results, apply during warm, sunny weather [above 60° F] [to accelerate systemic movement from foliage to roots.]

Apply when air is calm to prevent drift to desirable plants.

RAINPROOF Protection: Rain or watering 30 minutes after application will NOT wash away effectiveness. [Apply when weeds are small and before seeds form. Established (Hard to kill) weeds may require a repeat application.]

#### WHEN TO REPLANT

All ornamental flowers, trees and shrubs may be planted 1 day after application. Lawn grasses, herbs, vegetables (all), and fruits may be planted 3 days after application.

For Lawn Replacement

Use this product [product name] to kill a [an old] [an unwanted] lawn and [its] weeds before planting a new lawn (OR prior to laying a patio, sidewalk, or driveway).

[For lawn replacement use [insert brand name] to kill lawn and weeds before planting new lawn.]

Skip one mowing before spraying.

Use 6 fl. oz. (12 Tbs) for each 300 sq. ft. Apply evenly over treatment area.

If soil is dry, water before application and 2 to 3 days after application.

If green patches remain after 7 days, reapply.

Wait (at least) 3 days after last application to rake, till or replant with seed or sod.

[Wait (at least) 3 days for weeds and lawn to die. Repeat if necessary. Rake or till to prepare area for planting seed or sod.]

For (Flowerbed and) Garden (Plot) Preparation

- Use this product [product name] to kill weeds, grasses and brush before planting flowers, fruits, vegetables, trees or shrubs.
- If soil is dry, water before application and 2 to 3 days after application.
- Use 6 fl. oz. (12 Tbs.) for each 300 sq. ft. Apply evenly over treatment area.
- Wait 1 to 3 days after last application before planting garden. (See When to Replant section for details)

# **{OPTIONAL WEED LIST}**

#### **KILLS ALL TYPES OF WEEDS & GRASSES**

Weeds (including): Artichoke thistle, beggarweed, black medic, blue mustard, blue toadflax, brassbuttons, broadleaf plantain, burclover, buttercup, Canada thistle, cattail, chickweed, cocklebur, common groundsel, common mullein, common plantain, common ragweed, creeping beggarweed, creeping-Charlie, curly dock, dandelion, dog fennel, evening primrose, false dandelion, fiddleneck, field bindweed (wild morningglory), field pennycress, filaree, Florida pusley, garden spurge, henbit, horsenettle, horseradish, horseweed/marestail, iceplant, knapweed, knotweed, lambsquarters, lantana, little bittercress, London rocket, mallow, mayweed, milkweed, mouseear chickweed, narrowleaf (buckhorn) plantain, nightshade (silverleaf), oldenlandia, oxalis, Pennsylvania smartweed, pennywort, poison hemlock, prickly lettuce, primrose, prostrate spurge, puncturevine, ragweed, red clover, redroot pigweed, shepherdspurse, smooth catsear, smooth pigweed, sowthistle, spotted spurge, tansy ragwort, tansymustard, teaweed, trumpetcreeper, tumble mustard, Virginia creeper, white clover, whitetop, wild barley, wild mustard, wild oats, wild sweet potato, yellow starthistle, and other broadleaf weeds.

Grasses (including): Annual bluegrass, annual ryegrass, bahiagrass, barnyardgrass, bentgrass, Bermudagrass, bromegrass, Cogongrass, crabgrass, creeping bentgrass, dallisgrass, fall panicum, fescue, field sandbur, foxtail, goosegrass, guineagrass, Johnsongrass, Kentucky bluegrass, kikuyugrass, lovegrass, maidencane, nimblewill, nutsedge, orchardgrass, pampas grass, perennial ryegrass, purple nutsedge, quackgrass, sandspur, smooth bromegrass, sprangletop, St. Augustinegrass, tall fescue, Texas panicum, Timothy, torpedograss, vaseygrass, witchgrass, yellow nutgrass, zoysia and other grassy weeds.

Brush (Tough Weeds), Unwanted Trees, Shrubs & Vines (including): Alder, ash, (quacking) aspen, blackberry, bluegum eucalyptus, broom (French, Scotch), buckwheat, ceanothus, chamise, cherry, coyote brush, dewberry, elderberry, elm, eucalyptus, giant reed, hawthorn, hazel, honeysuckle, kudzu, locust, madrone, maple, oak, persimmon, poison oak, poison ivy, poplar, raspberry, sage, sagebrush, salmonberry, saltcedar, sassafras, sumac, sweetgum, tan oak, thimbleberry, tree tobacco, wild rose (multiflora) willow and other tough weeds.

# **STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store in original container in a safe place away from direct sunlight. Keep from freezing. Store and transport in an upright position.

**PESTICIDE DISPOSAL & 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.

Notice – To the extent consistent with applicable law, Buyer assumes all responsibility for safer and use not in accordance with directions.

# **{SUBLABEL 3 Alternate to Traditional Layout}**

#### **HOW IT WORKS**

This product [product name] is absorbed by the weed's leaves. It moves through the weed to the root, stopping the function of an essential enzyme found in plants (but not humans or animals). Weeds die, roots and all - so weeds don't grow back. Kills only what you spray. Any product not absorbed by the plant will be deactivated after it hits the soil. (Weeds usually yellow and wilt within hours with complete kill in 1 to 2 weeks.)

**{ALTERNATE TEXT}** This product [product name] enters plants through Foliage and moves systemically to the roots, killing weeds by stopping the function of a substance found in plants (but not humans or animals).

Any of this product that gets absorbed by plants will be deactivated after it hits the soil. Weeds usually yellow and wilt within hours with complete kill in 1 to 2 weeks.

# **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For household use only. Shake well before use.

**USE RESTRICTIONS:** Do not mix or allow contact with an oxidizing agent. A hazardous chemical reaction may occur. Do not (mix, store or) apply with (in) a galvanized or unlined steel (except stainless steel) sprayer, or apply through any irrigation system. Do not apply this product in a way that will contact any person or pet, either directly or through drift. Only the person applying this product may be in the area during application. People and pets must not enter treated areas until spray has dried. Do not use for spot weed control in lawns; this product kills all green plants, including lawn grasses. **IMPORTANT:** While this product [name of product] may be used to prepare a vegetable garden for planting, DO NOT USE for spot treatment after planting [any] fruits or vegetables. Do not spray plants or grasses you like because they will die.

# **USE PRECAUTIONS:**

Read entire label. Application of this product will kill almost all plants contacted. Do not allow this product to contact leaves, green stems, or exposed roots of desirable lawn grasses, plants, shrubs, or trees – they will be damaged or killed. Spray when air is calm. If spray contacts desirable foliage, immediately rinse the foliage with water. Use cardboard or plastic to shield desirable plants from spray drift.

#### Where to Use

Use outdoors on patios, paths, walkways, driveways, sidewalks, mulch, and around fences and buildings; in and around flower beds and gardens, and around ornamental shrubs and trees; and to edge landscape areas. Use this product to renovate lawns and prepare new garden plots.<sup>1</sup>

#### **Amount to Use**

- Add 3-6 fl. oz. (12 TBS) per gallon of water. Use the higher rate for larger weeds. Use lower rate for easy to kill weeds such as (small) seedlings.
- For best results, apply on warm days in bright sunlight.

# [Refill Directions]

**{Optional Mixing Instructions – For Refill Bottles}** 

{Note to PM: The following instructions are intended for 6.4 fl. oz. [8.5 fl. oz.] bottles that can be used to make 1 gal [1.33 gal] in either [BN-1438] [alternate product name] [EPA Reg. No. X-XXX] containers or tank sprayers for spot treatment or can be used according to dilution rates for broadcast applications}

[Instructions] For refill of 1 gallon [1.33 gallon] jug: [1 bottle] [6.4 fl. oz.] [8.5 fl. oz.] [equals] [=] [makes] [1 gallon] [1.33 gallons]

# **AMOUNT TO USE: For broadcast application.**

- Add entire contents 3 fl. oz. [4 fl. oz.] [5 fl. Oz.] [6 fl. oz] to a 1 gallon [1.33 gallon] [BN-1438] [alternate product name] [EPA Reg. No. X-XXX] container or an empty tank sprayer only.
- Slowly fill [with] [to the fill line indicator] 128 fl. oz. for 1 gallon [170 fl. oz. for 1.33 gallon] of [clean] tap water. Apply to 300 sq. ft. [399 sq. ft.]

[IV.] FOR [product Name] [UNIT DOSE] [SINGLES] [EZ Enough]: {Note to Reviewer: This is referring to a distributor product in a 3 fl. oz. – 6 fl. oz. size}

# For 1 gallon Tank Sprayer:

• Add entire contents (of 1 bottle) [3 fl. oz.] [3.5 fl. oz.] [4 fl. oz.] [4.5 fl. oz.] [5 fl. oz.] [5.5 fl. oz.] [6 fl. oz.] to an empty 1-gallon tank sprayer. Slowly fill with 1 gallon of clean tap water. Apply to 300 sq. ft.

# For 1.33 gallon Tank Sprayer:

• Add entire contents (of 1 bottle) [3 fl. oz.] [3.5 fl. oz.] [4 fl. oz.] [4.5 fl. oz.] [5 fl. oz.] [5.5 fl. oz.] [6 fl. oz.] to an empty 1.33 gallon tank sprayer. Slowly fill with 1.33 gallon of clean tap water. Apply to 399 sq. ft.

[IV.] FOR [This product] [Name of bottle] [EZ Enough]: {Note to Reviewer: This is referring to a distributor product in a 3 – 6 fl. oz. size. This bottle has a child resistant cap and a viewing window which indicates amount of product dispensed.}

# To refill 32 ounce Sprayer:

• Remove Cap. Reference window that shows how much of product is in the bottle. Add [squeeze] [.075 fl. oz.] or [1.5 fl. oz.] to an empty 32 ounce sprayer [Product name BN-1438 [alternate product name] referring to EPA Reg. No. 4-XXX]. Slowly fill with 32 ounces of [clean] tap water. Apply to 75 sq. ft.

# For 1 gallon Sprayer:

• Remove Cap. Reference window that shows how much of product is in the bottle. Add [squeeze] [3 fl. oz.] or [6 fl. oz.] to an empty 1 gallon sprayer or [Product name BN-1438 [alternate product name] referring to EPA Reg. No. 4-XXX]. Slowly fill with 1 gallon of [clean] tap water. Apply to 300 sq. ft.

### **HOW TO SPRAY**

- Spray the weeds or grasses you want to kill until thoroughly wet.
- When spot treating weeds around desirable plants, shield plants from drift with a sheet [piece] of cardboard or plastic.
- If desirable plants are accidentally sprayed, rinse off immediately with water [or cut off treated area].

## WHEN TO APPLY

Apply when weeds are actively growing. [Use anytime weeds and grasses are actively growing.] For best [fastest visual] results, apply during warm, sunny weather [above 60° F] [to accelerate systemic movement from foliage to roots.]

Apply when air is calm to prevent drift to desirable plants.

RAINPROOF Protection: Rain or watering 30 minutes after application will NOT wash away effectiveness. [Apply when weeds are small and before seeds form. Established (Hard to kill) weeds may require a repeat application.]

#### WHEN TO REPLANT

All ornamental flowers, trees and shrubs may be planted 1 day after application. Lawn grasses, herbs, vegetables (all), and fruits may be planted 3 days after application.

#### **ADDITIONAL USES**

## To Kill Vines

- 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 tree trunks from spray drift with a sheet (piece) of cardboard or plastic.

## To Kill Stumps

- Cut living stump close to ground.
- Drive (drill) 4 to 5 holes into freshly cut stump.
- Immediately pour undiluted product into holes.

IMPORTANT: Some trees may share the same root system. Adjacent trees having a similar age, height and spacing may signal a shared roots system. Injury may occur to non-treated trees when one or more trees sharing common roots are treated.

# To Kill Kudzu

For best results, apply in mid to late summer when vines are mature and actively growing.

#### To Kill Wild Blackberry

- Spray anytime plants are actively growing.
- Dead canes should be cut down and removed.
- Reapplication is often required to kill deep roots.

# To Kill Poison Ivy & Poison Oak

- Contact with these plants anytime of the year can cause an allergic reaction.
- Spray anytime plants are actively growing, but at least 4 weeks before the first killing frost in the fall. Reapply, if new growth appears.
- Handle dead plants with rubber gloves.
- Dispose of plants and rubber gloves in tightly sealed garbage bags.

# For Lawn Replacement

Use this product [product name] to kill a [an old] [an unwanted] lawn and [its] weeds before planting a new lawn (OR prior to laying a patio, sidewalk, or driveway).

[For lawn replacement use [insert brand name] to kill lawn and weeds before planting new lawn.]

Skip one mowing before spraying.

Use 6 fl. oz. (12 Tbs) per gallon of water for each 300 sq. ft. Apply evenly over treatment area. If soil is dry, water before application and 2 to 3 days after application.

If green patches remain after 7 days, reapply.

Wait (at least) 3 days after last application to rake, till or replant with seed or sod.

[Wait (at least) 3 days for weeds and lawn to die. Repeat if necessary. Rake or till to prepare area for planting seed or sod.]

For (Flowerbed and) Garden (Plot) Preparation

- Use this product [product name] to kill weeds, grasses and brush before planting flowers, fruits, vegetables, trees or shrubs.
- If soil is dry, water before application and 2 to 3 days after application.
- Use 6 fl. oz. (12 Tbs.) per gallon of water for each 300 sq. ft. Apply evenly over treatment area.
- Wait 1 to 3 days after last application before planting garden. (See When to Replant section for details)

# **{OPTIONAL WEED LIST}**

## **KILLS ALL TYPES OF WEEDS & GRASSES**

Weeds (including): Artichoke thistle, beggarweed, black medic, blue mustard, blue toadflax, brassbuttons, broadleaf plantain, burclover, buttercup, Canada thistle, cattail, chickweed, cocklebur, common groundsel, common mullein, common plantain, common ragweed, creeping beggarweed, creeping-Charlie, curly dock, dandelion, dog fennel, evening primrose, false dandelion, fiddleneck, field bindweed (wild morningglory), field pennycress, filaree, Florida pusley, garden spurge, henbit, horsenettle, horseradish, horseweed/marestail, iceplant, knapweed, knotweed, lambsquarters, lantana,

little bittercress, London rocket, mallow, mayweed, milkweed, mouseear chickweed, narrowleaf (buckhorn) plantain, nightshade (silverleaf), oldenlandia, oxalis, Pennsylvania smartweed, pennywort, poison hemlock, prickly lettuce, primrose, prostrate spurge, puncturevine, ragweed, red clover, redroot pigweed, shepherdspurse, smooth catsear, smooth pigweed, sowthistle, spotted spurge, tansy ragwort, tansymustard, teaweed, trumpetcreeper, tumble mustard, Virginia creeper, white clover, whitetop, wild barley, wild mustard, wild oats, wild sweet potato, yellow starthistle, and other broadleaf weeds.

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## STORAGE AND DISPOSAL

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

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**PESTICIDE DISPOSAL & 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.

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