



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Biopesticides and Pollution Prevention Division (7511M)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

EPA Reg. Number:

5481-688

Date of Issuance:

5/28/2026

**NOTICE OF PESTICIDE:**

Registration

Reregistration

(under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

A001B™

**Name and Address of Registrant (include ZIP Code):**

AMVAC Chemical Corporation  
 4695 MacArthur Court, Suite 1200  
 Newport Beach, CA 92660

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention 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 U.S. Environmental Protection Agency. In order to protect health and the environment, the Administrator, on his or her 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 the 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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

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

Signature of Approving Official:

James Parker, Team Leader  
 Biochemical Pesticide Branch  
 Biopesticides and Pollution Prevention Division (7511M)  
 Office of Pesticide Programs

Date:

5/28/2026

2. Submit storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) data as these data requirements are not satisfied. A one-year study is required to satisfy these data requirements. You have 18 months from the date of this registration to provide these data to EPA.
3. Make the following labeling change before you release this product for shipment:
  - Revise EPA Registration Number to read, "EPA Reg. No. 5481-688."
4. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

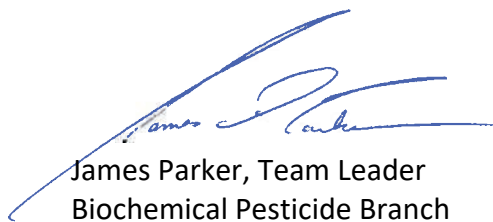
Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists 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 EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 10/21/2025

If you have any questions, please contact Gina Burnett via email at [burnett.gina@epa.gov](mailto:burnett.gina@epa.gov).

Sincerely,



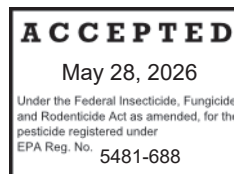
James Parker, Team Leader  
Biochemical Pesticide Branch  
Biopesticides and Pollution  
Prevention Division (7511M)  
Office of Pesticide Programs

Enclosure

{Note to reviewer: Text in braces { } indicates a note to the EPA reviewer and will not appear on the label. Text in brackets [ ] is optional, and may or may not appear on the end use label. Text in parentheses ( ) will appear on the end use label.}

{This document includes a Master Label for 3 Sub-Labels}

Master Label- containing:
Sublabel A, A001B™ Turf & Landscape Herbicide
Sublabel B, A001B™ Home & Garden Herbicide
Sublabel C, A001B™ GNO Herbicide



# A001B™

ACTIVE INGREDIENT:	% BY WT.
Caprylic Acid .....	30.0%
Capric Acid .....	30.0%
<b>OTHER INGREDIENTS:</b> .....	<b>40.0%</b>
<b>TOTAL:</b>	<b>100.0%</b>

## KEEP OUT OF REACH OF CHILDREN WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF 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 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
EMERGENCY INFORMATION	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:</b>	
For Medical Emergencies phone: .....1-888-681-4261	
For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC® .....1-800-424-9300	
For Product Use Information phone: AMVAC® .....1-888-462-6822	

[See booklet for Additional Precautionary Statements, Directions for Use, and Storage and Disposal.]

EPA Reg. No. \_\_\_\_\_  
EPA Est. No. \_\_\_\_\_

Net Contents : \_\_\_\_\_

{NOTE TO REVIEWER: The following are optional logos.}



**MADE WITH PRIDE**



**IN THE USA**

[Made with Pride in the USA]

[Distributed by] [Manufactured for]  
AMVAC Chemical Corporation  
4695 MacArthur Court, Suite 1200  
Newport Beach, CA 92660 U.S.A.  
1-888-462-6822

# A001B™ Turf & Landscape

For use as a post-emergent, non-selective, contact herbicide [for burndown of broadleaf and grass weeds] [to control broadleaf and grass weeds] [,] [and] [moss] [and] [algae]] in residential, industrial, institutional, public, commercial, and recreation sites, including golf courses and athletic fields.

<b>ACTIVE INGREDIENT:</b>	<b>% BY WT.</b>
Caprylic Acid .....	30.0%
Capric Acid .....	30.0%
<b>OTHER INGREDIENTS:</b> .....	<u>40.0%</u>
<b>TOTAL:</b>	100.0%

[amguardtech.com/patents]

## KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF 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 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
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See booklet for Additional Precautionary Statements, Directions for Use, and Storage and Disposal.

EPA Reg. No. \_\_\_\_\_

EPA Est. No. \_\_\_\_\_

Net Contents: \_\_\_\_\_ {Note to Reviewer: includes all possible retail sizes: ½ Quart, ¾ Gallon, 1 Quart, 1 Gallon, 2.5 Gallons, 5 Gallons, 30 Gallons, 55 Gallons, 265 Gallons.}

{NOTE TO REVIEWER: The following are optional logos.}



**MADE WITH PRIDE**



**IN THE USA**

[Made with Pride in the USA]

[Distributed by:] [Manufactured for:]  
AMVAC Chemical Corporation  
4695 MacArthur Court, Suite 1200  
Newport Beach, CA 92660 U.S.A.  
1-888-462-6822

[[Placeholder: USDA BioPreferred Program Logo]]

[[Marketing Statements]]

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## PRECAUTIONARY STATEMENTS

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### HAZARD TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes substantial but temporary eye injury. Do NOT get in eyes or on clothing. Wear goggles, face shield or safety glasses. Avoid contact with skin 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### ENVIRONMENTAL HAZARDS

For terrestrial uses: Do NOT apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do NOT contaminate water when disposing of equipment washwater or rinsate. 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.

### PHYSICAL/CHEMICAL HAZARD STATEMENTS

**Combustible.** Do NOT use or store near heat or open flame.

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## DIRECTIONS FOR USE

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

### PRODUCT INFORMATION

A001B is a post-emergence, non-selective, contact herbicide used to control broadleaf and grass weeds [,] [and] [algae] [and] [moss]. A001B [can be used any time during the year,] [and] works best [in warmer conditions] when

plants are actively growing. [Application during cool [or dry] weather may delay plant burndown.] A001B is non-systemic and does not translocate within the plant.

### Application Sites

For use on visible weeds growing in [dormant] [turf,] landscape beds, mulch rings, vegetable gardens, flower gardens, gravel areas, cracks in sidewalks, driveways, parking lots, patios, as well as around buildings, sheds, foundations and other structures, [rock] [/] [brick] [/] [block] walls, shrubs, trees, and fences.

### Mixing Information

Dilute with water using the table below as a guide. Use the 3% solution for small, easy-to-kill weeds, less than 5 inches tall. Use the 6% solution for larger broadleaf and grass weeds [,] [and] [moss] [and] [algae]. Use the 9% solution for tough-to-kill weeds, weeds that have set seed, vines, brush, and sucker control. Any standard [hand-held] [,] [or] [backpack] [or] [equipment-mounted] sprayer may be used. Once diluted, shake well [or agitate] before use.

Final volume of spray solution	Amount of [A001B] [Talisman] per volume of water		
	3% solution	6% solution	9% solution
1 quart (32 fl. oz.)	1 fl. oz.	2 fl. oz.	3 fl. oz.
1 gallon (128 fl. oz.)	4 fl. oz.	8 fl. oz.	12 fl. oz.

### Application Instructions

Apply 1 to 4 gallons of solution per 1,000 square feet using a coarse nozzle setting to reduce drift. Thorough coverage is extremely important. Plant damage will be visible from a few hours to 2 days after spraying. Repeat treatment as needed to control new weeds growing from seed and re-growth from biennial and perennial weeds. Do not spray desirable plants. Do not allow spray droplets to drift onto desirable plants. Thoroughly wash equipment after use.

### RESTRICTIONS

- Do NOT apply this product by aerial application.
- Do NOT apply this product through any type of irrigation system.
- Do NOT spray desirable plants.
- Do NOT allow spray droplets to drift onto desirable plants.
- Do NOT allow people or pets to touch treated weeds until sprays have dried.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store product in original container only. Store product in a cool, dry place. Do NOT store this product in wet conditions. If this product has been stored where freezing temperatures have occurred, agitate, or mix contents of container well before use. Avoid cross-contamination with other pesticides. Do NOT store at temperatures below 39°F.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### CONTAINER HANDLING:

{For containers equal to or less than 5 gallons use these directions on final, printed label}

Nonrefillable container. Do NOT reuse or refill this container. Triple rinse container promptly after emptying. Triple

rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available.

{For containers greater than 5 gallons use these directions on final, printed label}

Nonrefillable container. Do NOT reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

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## LIMITED WARRANTY AND DISCLAIMER

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The manufacturer warrants (a) that this product conforms to the specifications on this label; and (b) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states, or under all conditions. THIS WARRANTY DOES NOT EXTEND TO THE USE OF THIS PRODUCT CONTRARY TO LABEL INSTRUCTIONS, OR UNDER CONDITIONS NOT REASONABLY FORESEEABLE.

**THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN TORT, CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

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AMVAC Chemical Corporation  
4695 MacArthur Court, Suite 1200  
Newport Beach, CA 92660 USA  
1-888-462-6822



{NOTE TO REVIEWER: The following are **optional** marketing statements}

- Refer to inside of label booklet for additional precautionary information and Directions for Use.
- Herbicide
- Broad Spectrum Herbicide
- Nonselective Herbicide
- L&L Broad Spectrum Herbicide, L&L Herbicide, L&L Nonselective Herbicide
- Landscape Broad Spectrum Herbicide, Landscape Herbicide, Landscape Nonselective Herbicide
- Lawn & Landscape Broad Spectrum Herbicide, Lawn & Landscape Herbicide, Lawn & Landscape Nonselective Herbicide
- Lawn Broad Spectrum Herbicide, Lawn Herbicide, Lawn Nonselective Herbicide
- T&L Broad Spectrum Herbicide, T&L Herbicide, T&L Nonselective Herbicide
- Turf & Landscape Broad Spectrum Herbicide, Turf & Landscape Herbicide, Turf & Landscape Nonselective Herbicide
- Turf Broad Spectrum Herbicide, Turf Herbicide, Turf Nonselective Herbicide
- Works on contact
- For use on turf
- For use around ornamental plants
- Eliminates unwanted vegetation quickly.
- Eliminates unwanted weeds quickly.
- Kills within hours.
- Fast Acting {Weed, Grass, Moss and Algae Killer}
- Will [Does] not damage gutters, metal flashing or downspouts.
- Do not spray on actively growing lawns or desirable plants.
- Kills broadleaf and grassy weeds.
- [Powered by/Featuring/Formulated with] [Patented] DragonFire [technology] [platform]
- [Placeholder: Powered by DragonFire Technology logo]
- [USDA Certified Biobased Product Logo/Placeholder]
- [USDA Biopreferred Program Certified]
- Can be Used for Organic Gardening
- For Organic gardening

# A001B™ Home & Garden

For use as a post-emergent, non-selective, contact herbicide [for burndown of broadleaf and grass weeds] [for the control of undesired vegetation], including annual and perennial broadleaf and grass weeds [,] [and] [moss] [and] [algae] in and around the home, garden, and landscape.

<b>ACTIVE INGREDIENT:</b>	<b>% BY WT.</b>
Caprylic Acid .....	30.0%
Capric Acid .....	30.0%
<b>OTHER INGREDIENTS:</b> .....	<u>40.0%</u>
<b>TOTAL:</b>	100.0%

[amguardtech.com/patents]

## KEEP OUT OF REACH OF CHILDREN WARNING / AVISO

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<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF 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 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>EMERGENCY INFORMATION</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:</b>	
For Medical Emergencies phone: .....1-888-681-4261	
For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC® .....1-800-424-9300	
For Product Use Information phone: AMVAC® .....1-888-462-6822	

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

EPA Reg. No. \_\_\_\_\_

EPA Est. No. \_\_\_\_\_

Net Contents: \_\_\_\_\_ {Note to Reviewer: includes all possible retail sizes NET CONTENTS: ½ Quart, ¾ Gallon, 1 Quart, 1 Gallon, 2.5 Gallons, 5 Gallons.}

{NOTE TO REVIEWER: The following are optional logos.}



**MADE WITH PRIDE**



**IN THE USA**

[Made with Pride in the USA]

[Distributed by:] [Manufactured for:]  
AMVAC Chemical Corporation  
4695 MacArthur Court, Suite 1200  
Newport Beach, CA 92660 U.S.A.  
1-888-462-6822

{{Placeholder: USDA BioPreferred Program Logo}}  
{{Marketing Statements}}

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## PRECAUTIONARY STATEMENTS

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### HAZARD TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes substantial but temporary eye injury. Do NOT get in eyes or on clothing. Wear goggles, face shield or safety glasses. Avoid contact with skin 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### ENVIRONMENTAL HAZARDS

For terrestrial uses: Do NOT apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do NOT contaminate water when disposing of equipment washwater or rinsate. 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.

### PHYSICAL/CHEMICAL HAZARD STATEMENTS

**Combustible.** Do NOT use or store near heat or open flame.

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## DIRECTIONS FOR USE

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

### PRODUCT INFORMATION

A001B is a [post-emergence,] [non-selective,] [contact] herbicide used to control broadleaf and grass weeds [,] [and] [algae] [and] [moss]. A001B is non-systemic and does not translocate within the plant.

#### When to Apply

A001B [may be used any time during the year,] [and] works best [in warmer conditions] when plants are actively growing. [Application during cool [or dry] weather may delay plant burndown.] Avoid application under windy conditions or when rain is expected within several hours.

#### Where to Apply

Apply to visible weeds growing in [dormant] [turf], landscape beds, mulch rings, vegetable gardens, flower gardens, gravel areas, cracks in sidewalks, driveways, patios, as well as around buildings, sheds, foundations and other structures, [rock] [/] [brick] [/] [block] walls, shrubs, trees, and fences.

#### How to Mix

Mix 8 fl. oz. [(1 cup)] of A001B with 120 fl. oz. of water to produce one gallon of spray solution. Once diluted, [shake well] [agitate] before use.

Final volume of spray solution	Amount of product [A001B]	Amount of Water
1 quart (32 fl. oz.)	2 fl. oz.	30 fl. oz.
1 gallon (128 fl. oz.)	8 fl. oz.	120 fl. oz.

For tough-to-kill weeds, vines, brush, and sucker control, mix 12 fl. oz. [(1 1/2 cup)] of A001B with 116 fl. oz. of water to produce one gallon of spray solution.

#### How to Apply

Apply 1 to 4 gallons of spray solution per 1,000 square feet using a coarse nozzle setting to reduce drift. Thorough coverage of weeds is extremely important. Thoroughly wash sprayer after use.

#### What to Expect

Plant damage will be visible from a few hours to 2 days after spraying. Repeat treatment as needed to control new weeds growing from seed and re-growth from biennial and perennial weeds.

#### Precautions

- Do NOT spray desirable plants.
- Do NOT allow spray droplets to drift onto desirable plants.
- Do NOT allow people or pets to touch treated weeds until sprays have dried.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store product in original container only. Store product in a cool, dry place. Do NOT store this product in wet conditions. If this product has been stored where freezing temperatures have occurred, agitate, or mix contents of container well before use. Avoid cross-contamination with other pesticides. Do NOT store at temperatures below 39°F.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### CONTAINER HANDLING:

{For containers equal to or less than 5 gallons use these directions on final, printed label}

Nonrefillable container. Do NOT reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available.

{For containers greater than 5 gallons use these directions on final, printed label}

Nonrefillable container. Do NOT reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

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### **LIMITED WARRANTY AND DISCLAIMER**

The manufacturer warrants (a) that this product conforms to the specifications on this label; and (b) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness. Tests have not been made on all varieties of food crops and plants, or in all states, or under all conditions. THIS WARRANTY DOES NOT EXTEND TO THE USE OF THIS PRODUCT CONTRARY TO LABEL INSTRUCTIONS, OR UNDER CONDITIONS NOT REASONABLY FORESEEABLE. Product storage, use and growing conditions are beyond the Manufacturer's control.

**THERE ARE NO EXPRESS OR IMPLIED WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.**

**TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN TORT, CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, MANUFACTURER OR SELLER SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

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AMVAC Chemical Corporation  
4695 MacArthur Court, Suite 1200  
Newport Beach, CA 92660 USA

1-888-462-6822

{NOTE TO REVIEWER: The following are **optional** marketing statements.}

- Refer to inside of label booklet for additional precautionary information and Directions for Use.
- Herbicide
- Nonselective Herbicide, Nonselective Weed Killer
- Broad Spectrum Herbicide
- Broad Spectrum Weed Killer, Weed Killer
- Consumer Broad Spectrum Herbicide, Consumer Broad Spectrum Weed Killer, Consumer Herbicide, Consumer Nonselective Herbicide, Consumer Nonselective Weed Killer, Consumer Weed Killer
- Driveway & Patio Herbicide, Driveway & Patio Weed Killer
- Garden Broad Spectrum Herbicide, Garden Broad Spectrum Weed Killer, Garden Herbicide, Garden Nonselective Herbicide, Garden Nonselective Weed Killer, Garden Weed Killer
- H&G Broad Spectrum Herbicide, H&G Broad Spectrum Weed Killer, H&G Herbicide, H&G Nonselective Herbicide, H&G Nonselective Weed Killer, H&G Weed Killer
- Hardscape Herbicide, Hardscape Weed Killer
- Home & Garden Broad Spectrum Herbicide, Home & Garden Broad Spectrum Weed Killer, Home & Garden Herbicide, Home & Garden Nonselective Herbicide, Home & Garden Nonselective Weed Killer. Home & Garden Weed Killer
- Home Broad Spectrum Herbicide, Home Broad Spectrum Weed Killer, Home Herbicide, Home Nonselective Herbicide, Home Nonselective Weed Killer, Home Weed Killer
- House & Garden Broad Spectrum Herbicide, House & Garden Broad Spectrum Weed Killer, House & Garden Herbicide, House & Garden Nonselective Herbicide, House & Garden Nonselective Herbicide, House & Garden Weed Killer
- House Broad Spectrum Herbicide, House Broad Spectrum Weed Killer, House Herbicide, House Nonselective Herbicide, House Nonselective Weed Killer, House Weed Killer
- Residential Broad Spectrum Herbicide, Residential Broad Spectrum Weed Killer, Residential Herbicide, Residential Nonselective Herbicide, Residential Nonselective Weed Killer, Residential Weed Killer
- Works on contact
- For home and garden use
- Eliminates unwanted vegetation quickly.
- Eliminates unwanted weeds quickly.
- Kills within hours
- Kills [Controls] Broadleaf Weeds, Perennial Weeds, Annual Weeds, Weeds, [and] Grasses [, Algae and Moss]
- For Weeds on Roofs, Decks, Patios, Walks, Bricks, and Cement
- Fast Acting {Weed, Grass, Moss and Algae Killer}
- Will [Does] not damage gutters, metal flashing or downspouts.
- Do not spray on actively growing lawns or desirable plants.
- Kills broadleaf weeds and grasses.
- [Powered by/Featuring/Formulated with] [Patented] DragonFire [technology] [platform]
- [Placeholder: Powered by DragonFire Technology logo]
- [USDA Certified Biobased Product Logo/Placeholder]
- [USDA BiopREFERRED Program Certified]
- Can be Used for Organic Gardening
- For Organic gardening

# A001B™ GNO Herbicide

[**ABN: Talisman**]

For use as a post-emergent, non-selective, contact herbicide [for burndown of broadleaf and grass weeds] [to control broadleaf and grass weeds] [,] [and] [moss] [and] [algae] in residential, industrial, institutional, public, commercial, and recreation sites, including golf courses and athletic fields and around and around greenhouses, nurseries, and container and field grown ornamental plants.

<b>ACTIVE INGREDIENT:</b>	<b>% BY WT.</b>
Caprylic Acid .....	30.0%
Capric Acid .....	30.0%
<b>OTHER INGREDIENTS:</b> .....	<u>40.0%</u>
<b>TOTAL:</b>	<b>100.0%</b>

[[amguardtech.com/patents](http://amguardtech.com/patents)]

## **KEEP OUT OF REACH OF CHILDREN WARNING / AVISO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF 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 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>EMERGENCY INFORMATION</b>	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:</b>	
For Medical Emergencies phone: .....1-888-681-4261	
For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC® .....1-800-424-9300	
For Product Use Information phone: AMVAC® .....1-888-462-6822	

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

EPA Reg. No. \_\_\_\_\_

EPA Est. No. \_\_\_\_\_

Net Contents: \_\_\_\_\_ {Note to Reviewer: includes all possible retail sizes NET CONTENTS: ½ Quart, ¾ Gallon, 1 Quart, 1 Gallon, 2.5 Gallons, 5 Gallons, 30 Gallons, 55 Gallons, 265 Gallons}

{NOTE TO REVIEWER: The following are optional logos.}



[Made with Pride in the USA]

[Distributed by] [Manufactured for]  
AMVAC Chemical Corporation  
4695 MacArthur Court, Suite 1200  
Newport Beach, CA 92660 U.S.A.  
1-888-462-6822

{[Placeholder: USDA BioPreferred Program Logo]}  
{[Marketing Statements]}

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## PRECAUTIONARY STATEMENTS

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### HAZARD TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** Causes substantial but temporary eye injury. Do NOT get in eyes or on clothing. Wear goggles, face shield or safety glasses. Avoid contact with skin 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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

### ENVIRONMENTAL HAZARDS

For terrestrial uses: Do NOT apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do NOT contaminate water when disposing of equipment washwater or rinsate. 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.

### PHYSICAL/CHEMICAL HAZARD STATEMENTS

**Combustible.** Do NOT use or store near heat or open flame.

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## Personal Protective Equipment (PPE)

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### APPLICATORS AND OTHER HANDLERS MUST WEAR

- Long-sleeved shirt and long pants
- Waterproof or chemical-resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber, or Viton®
- Protective eyewear
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

#### Users should:

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

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### DIRECTIONS FOR USE

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

Do NOT apply this product in a manner that will contact workers or other people, either directly or through drift. Only protected workers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Read and follow all applicable directions and precautions on this label before using.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), restricted-entry interval and notification to workers. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard

Do NOT enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry into treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water), is:

- Long-sleeved shirt and pants
- Waterproof or chemical-resistant gloves such as barrier laminate, nitrile rubber, neoprene rubber, or viton
- Shoes plus socks
- Protective eyewear

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### NON-AGRICULTURAL USE REQUIREMENTS

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The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried.

For early reentry to treated areas and that involves contact with anything that has been treated such as plants, soil, or water, wear: coveralls, shoes with socks, and waterproof or chemical-resistant gloves.

## PRODUCT INFORMATION

A001B is a post-emergence, non-selective, contact herbicide used to control annual and perennial broadleaf and grass weeds [,] [and] [algae] [and] [moss]. A001B [can be used any time during the year,] [and] works best [in warmer conditions] when plants are actively growing. [Application during cool [or dry] weather may delay plant burndown.] A001B is non-systemic and does not translocate within the plant.

## Application Sites

For use on visible weeds growing in nurseries, greenhouses, landscape beds, mulch rings, vegetable gardens, flower gardens, gravel areas, cracks in sidewalks, driveways, patios, as well as around buildings, sheds, foundations, and other structures [rock] [/] [brick] [/] [block] walls, shrubs, trees, and fences, rights-of-way, [dormant] [turf], parking lots and golf course greenscapes. Refer to general instructions for Use Methods.

## Mixing Information

Dilute with water using the table below as a guide. Use the 3% solution for small, easy-to-kill weeds, less than 5 inches tall. Use the 6% solution for larger broadleaf and grass weeds [,] [and] [moss] [and] [algae]. Use the 9% solution for tough-to-kill weeds, weeds that have set seed, vines, brush, and sucker control. Apply in a minimum of [10] [20] [30] [40] gallons per acre.

Final volume of spray solution	Amount of [A001B] [product] [insert alternate brand name] per volume of water		
	3% solution	6% solution	9% solution
1 quart (32 fl. oz.)	1 fl. oz.	2 fl. oz.	3 fl. oz.
1 gallon (128 fl. oz.)	4 fl. oz.	8 fl. oz.	12 fl. oz.

## Application Instructions

Once diluted, shake well [or agitate] before use. Spray weeds thoroughly, using a coarse nozzle setting to reduce drift. Thorough coverage is extremely important. For spot treatment of individual weeds, apply the mixed solution to the center of plant to the point of runoff. Plant damage will be visible from a few hours to 2 days after spraying. Repeat treatment as needed to control new weeds growing from seed and re-growth from biennial and perennial weeds. Do NOT spray desirable plants. Do NOT allow spray droplets to drift onto desirable plants. Thoroughly wash equipment after use.

Spray equipment options include hand-held, boom sprayers, pressure sprayers, and hose-end sprayers. Spray nozzles that produce a uniform spray will give maximum coverage of the leaves.

## RESTRICTIONS

- Do NOT apply this product by aerial application.
- Do NOT apply this product through any type of irrigation system.
- Do NOT spray desirable plants.
- Do NOT allow spray droplets to drift onto desirable plants.
- Do NOT allow people or pets to touch treated weeds until sprays have dried.

**Compatibility:** Use a jar test to conduct a compatibility test when you plan to mix A001B with other products. Using a quart jar, add the proportionate amounts of the products to approximately one quart of solution. Add dry formulations first, then aqueous flowables, and then emulsifiable concentrates last. Agitate well. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination does not form a precipitate and can be readily remixed, it is physically compatible. Once compatibility has been confirmed, use the same order of addition for adding products to the spray and. Follow the more restrictive labeling requirements of any tank mix partner. Do NOT tank mix with products which prohibit tank mixing. Treat a small test plot if new combinations of products are being used for the first time. Observe all precautions and use directions on tank mix partner labels.

Use Method	Determine the weed control situation and select the use method that best fits.
Burndown of Weeds	General Control of weeds, grass [,] [and] [moss] [and] [algae] for site preparation and non-crop areas. Applications may be made in and around desirable plants as long as desirable plants are not contacted by spray droplets either directly or by drift. Note, damage will occur to all plants contacted by the spray.
Desiccation and Harvest Aid	To aid in the removal of plant leaves prior to harvest and/or burndown of weeds to facilitate harvest. Any spray that contacts desirable plants due to misapplication, drift or poor shield protection, will damage or kill the desirable plants.
Pre-plant Application	Application prior to emergence of desirable plants from seed, perennial root stocks, bulbs, tubers etc. Application must be made before desirable plants emerge from soil, or these plants will be damaged, or killed.
Post-Harvest Spray	For annual plants to control weeds, grass [,] [and] [moss] [and] [algae] growing in fields after the last crop has been harvested.
Directed and Shielded Sprays	Applications may be made around desirable plants by directing the spray, so it does not hit desirable plants, or by using shielded sprayers that use mechanical shields to prevent spray from contacting desirable plants. Any spray that contacts desirable plants due to misapplication, drift, or poor shield protection, will damage or kill the desirable plants.
Sucker Control	To burn back and control sucker growth or other unwanted growth on woody trees, foliage growth on vines, excessive cane growth in brambles or other use sites. Apply only to unwanted vegetative parts. Apply before suckers become woody.
Structural and Building Sites	To control weeds, grass [,] [and] [moss] [and] [algae] in sidewalks, driveways, patios, around buildings, sheds, foundations and other structures, rock/brick/block walls and fences.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store product in original container only. Store product in a cool, dry place. Do NOT store this product in wet conditions. If this product has been stored where freezing temperatures have occurred, agitate, or mix contents of container well before use. Avoid cross-contamination with other pesticides. Do NOT store at temperatures below 39°F.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER HANDLING:**

{For containers equal to or less than 5 gallons use these directions on final, printed label}

Nonrefillable container. Do NOT reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available.

{For containers greater than 5 gallons use these directions on final, printed label}

Nonrefillable container. Do NOT reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

---

## LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the specifications on this label; and (b) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states, or under all conditions. THIS WARRANTY DOES NOT EXTEND TO THE USE OF THIS PRODUCT CONTRARY TO LABEL INSTRUCTIONS, OR UNDER CONDITIONS NOT REASONABLY FORESEEABLE.

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{NOTE TO REVIEWER: The following are **optional** marketing statements.}

- Refer to inside of label booklet for additional precautionary information and Directions for Use.
- Herbicide
- Nonselective Herbicide
- Broad Spectrum Herbicide
- G, N, & O Broad Spectrum Herbicide; G, N, & O Herbicide; G, N, & O Nonselective Herbicide
- G, N, and O Broad Spectrum Herbicide; G, N, and O Herbicide; G, N, and O Nonselective Herbicide
- GNO Broad Spectrum Herbicide, GNO Herbicide, GNO Nonselective Herbicide
- Greenhouse Broad Spectrum Herbicide, Greenhouse Herbicide, Greenhouse Nonselective Herbicide
- Greenhouse, Nursery, & Ornamental Broad Spectrum Herbicide; Greenhouse, Nursery, & Ornamental Herbicide; Greenhouse, Nursery, & Ornamental Nonselective Herbicide
- Greenhouse, Nursery, and Ornamental Broad Spectrum Herbicide; Greenhouse, Nursery, and Ornamental Herbicide; Greenhouse, Nursery, and Ornamental Nonselective Herbicide
- Nursery Broad Spectrum Herbicide, Nursery Herbicide, Nursery Nonselective Herbicide
- Ornamental Broad Spectrum Herbicide, Ornamental Herbicide, Ornamental Nonselective Herbicide
- Works on contact
- Eliminates unwanted vegetation quickly.
- Eliminates unwanted weeds quickly.
- Kills within hours.
- Kills [Controls] Broadleaf Weeds, Perennial Weeds, Annual Weeds, Weeds, Grasses[,] [Algae and Moss]
- Fast Acting {Weed, Grass, Moss and Algae Killer}
- Do not spray on actively growing [turfgrass] [lawns] or desirable plants.
- Kills broadleaf weeds and grasses.
- [Powered by/Featuring/Formulated with] [Patented] DragonFire [technology] [platform]
- [Placeholder: Powered by DragonFire Technology logo]
- [USDA Certified Biobased Product Placeholder]
- [USDA Biopreferred Program Certified]
- Can be Used for Organic Gardening
- For Organic gardening