

	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number: 241-407	Date of Issuance: NOV 19 1999	
	NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended)	Term of Issuance: Conditional		Name of Pesticide Product: Backdraft herbicide
	Name and Address of Registrant (include ZIP Code): American Cyanamid Company P.O. Box 400 Princeton, NJ 08543-0400			
<p>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.</p>				
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5), 3(g), or 4 when the Agency requires all registrants of similar products to submit such data. Make the following label changes listed below before you release the product for shipment: <ol style="list-style-type: none"> Add the phrase, "EPA Reg. No. 241-407". When labels are printed assure that the Signal Words CAUTION and Keep Out Of The Reach Of Children meet the type size required by 40 CFR 156.10(h)(1)(iv). 				
Signature of Approving Official: <i>Tobi Colvin-Snyder</i> for Jim Tompkins		Date: 11-19-99		

page 2
EPA Reg. No. 241-407

c. On page 5 you can delete the tank mix precaution since it duplicates the statement on page 9.

d. Under Mixing Instructions specify "...surfactant cleared for application to growing crops...."

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

The basic formula and alternate formula dated October 18, 1999 are acceptable and have been included in the files for this product.

A stamped copy of the label is enclosed for your records.

James A. Tompkins
Product Manager (25)
Herbicide Branch
Registration Division (7505C)

Enclosure

BACKDRAFT™ herbicide

FOR USE ON SOYBEANS

ACTIVE INGREDIENTS:

Imazaquin: (2-[4,5-dihydro-4-methyl-4-(1-methyl-ethyl)-5-oxo-1H-imidazol-2-yl]-3-quinolinecarboxylic acid 2.8%

Glyphosate: N-phosphonomethylglycine,
in the form of its isopropylamine salt 14.1%

INERT INGREDIENTS:..... 83.1%

TOTAL..... 100.0%

BACKDRAFT contains 1.5 pounds of active ingredient per gallon (0.25 pounds acid equivalent of imazaquin and 1.25 pounds of glyphosate as the isopropyl amine salt).

EPA Reg. No. 241-

EPA Est. No.

Imazaquin U.S. Patent No. 4,798,619

KEEP OUT OF REACH OF CHILDREN

CAUTION!/PRECAUCION!

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

FIRST AID

If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

If on skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

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

See Inside for Additional Precautionary Statements.

In case of an emergency endangering life or property involving this product, call collect, day or night, Area Code (973) 683-3100.

Net Contents:



**ACCEPTED
with COMMENTS
In EPA Letter Dated:
NOV 19 1999**

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
241-1427**

™ Trademark of American Cyanamid Company

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing.

Personal Protective Equipment (PPE):
Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- waterproof gloves
- shoes plus socks

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations:

User should:

- Wash hands 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.

ENVIRONMENTAL HAZARDS

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 washwaters.

This product demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

DIRECTIONS FOR USE

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 way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

DO NOT apply this product through any type of irrigation system.

This labeling must be in the possession of the user at the time of herbicide application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 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) and restricted-entry interval. 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 12 hours.

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

- coveralls
- waterproof gloves
- shoes plus socks

STORAGE AND DISPOSAL

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

Do not store below 40° F. If the product becomes crystalline, store at room temperature to thaw. Shake well before using. Keep containers closed to avoid spills and contamination.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or, if allowed by State and local authorities by burning. If burned stay out of smoke.

DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on research and field use. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, herbicide resistant weed populations, or the use of, or application of the product contrary to label instructions, all of which are beyond the control of American Cyanamid Company. All such risks shall be assumed by the user.

American Cyanamid Company shall not be responsible for losses or damages resulting from use of this product in any manner not set forth on this label. User assumes all risks associated with the use of this product in any manner not specifically set forth on this label.

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risks referred to above. **CYANAMID DOES NOT MAKE OR AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED AND EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

BUYER'S EXCLUSIVE REMEDY AND AMERICAN CYANAMID'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF BACKDRAFT™ herbicide. In no case shall Cyanamid or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.

Uses With Other Products (Tank-mixes)

If this product is used in combination with any other product except as specifically recommended in writing by American Cyanamid Company, then American Cyanamid Company shall have no liability for any loss, damage or injury arising out of its use in any such combination not so specifically recommended. If used in combination recommended by American Cyanamid Company, the liability of American Cyanamid Company shall in no manner extend to any damage, loss or injury not directly caused by the inclusion of the American Cyanamid Company product in such combination use, and in any event shall be limited to return of the amount of the purchase price of the American Cyanamid Company product.

GENERAL INFORMATION

BACKDRAFT is a flexible broad-spectrum herbicide which may be applied as a burn-down herbicide in no-till soybeans, to state seedbeds, or postemergence in soybeans. Apply postemergence only to ROUNDUP READY¹ soybeans.

When BACKDRAFT is applied preplant, it will burn down existing vegetation. New susceptible weeds emerge, growth stops, and then the weeds either die or are not competitive with the crop.

When BACKDRAFT is applied postemergence, absorption occurs through both the foliage and roots. Susceptible weeds stop growing, die and are not competitive with the crop.

The mode of weed killing activity involves uptake of BACKDRAFT by weed roots and/or foliage and rapid translocation to growing points. Adequate soil moisture is important for extended residual BACKDRAFT activity. The amount of rainfall or irrigation required following application depends on existing soil moisture, soil texture and organic matter content. Sufficient water to moisten the soil to a depth of 2 inches is normally adequate for soil activation. When adequate moisture is received after dry conditions, BACKDRAFT will provide residual control of susceptible germinating weeds. The dual activity of BACKDRAFT on established weeds will provide control of a broad spectrum of broadleaf and grasses.

BURNDOWN WEED CONTROL (No-till soybeans and stale seedbed)

Apply BACKDRAFT herbicide for burndown of weeds in no-till soybeans. It may be applied prior to planting, or preemergence of any soybean variety (including ROUNDUP READY soybeans). Add 2,4-D to the spray tank for enhanced control of perennial weeds including maretail and hemp dogbane.

ROUNDUP READY SOYBEANS (glyphosate resistant)

BACKDRAFT may also be applied for postemergence weed control in ROUNDUP READY soybeans. Apply BACKDRAFT for general weed burndown and residual control of broadleaf and grassy weeds.

For season-long control of grasses, apply PROWL® 3.3 EC herbicide prior to planting soybeans. PROWL 3.3 EC will also enhance control of waterhemp. A postemergence application of BACKDRAFT will control any escape weeds and provide season-long control of most broadleaf and grass weeds.

When mixing BACKDRAFT with 2,4-D or PROWL 3.3 EC, always use in accordance with the more restrictive label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing.

NOTE: DO NOT apply BACKDRAFT postemergence to non-glyphosate-resistant soybeans.

A preplant treatment of BACKDRAFT followed by a postemergence application of ROUNDUP² ULTRA will control most problem weeds.

Some broadleaf weeds such as giant ragweed germinating deep in the soil or with subsequent flushes may require a cultivation or a follow-up postemergence herbicide application for season long control.

Apply when weeds are actively growing. DO NOT apply BACKDRAFT postemergence when soybeans and weeds have been subjected to stress conditions such as temperature and moisture extremes.

Occasionally, internode shortening of soybean plants may be observed with BACKDRAFT applications. This has no effect on soybean yields.

ATTENTION

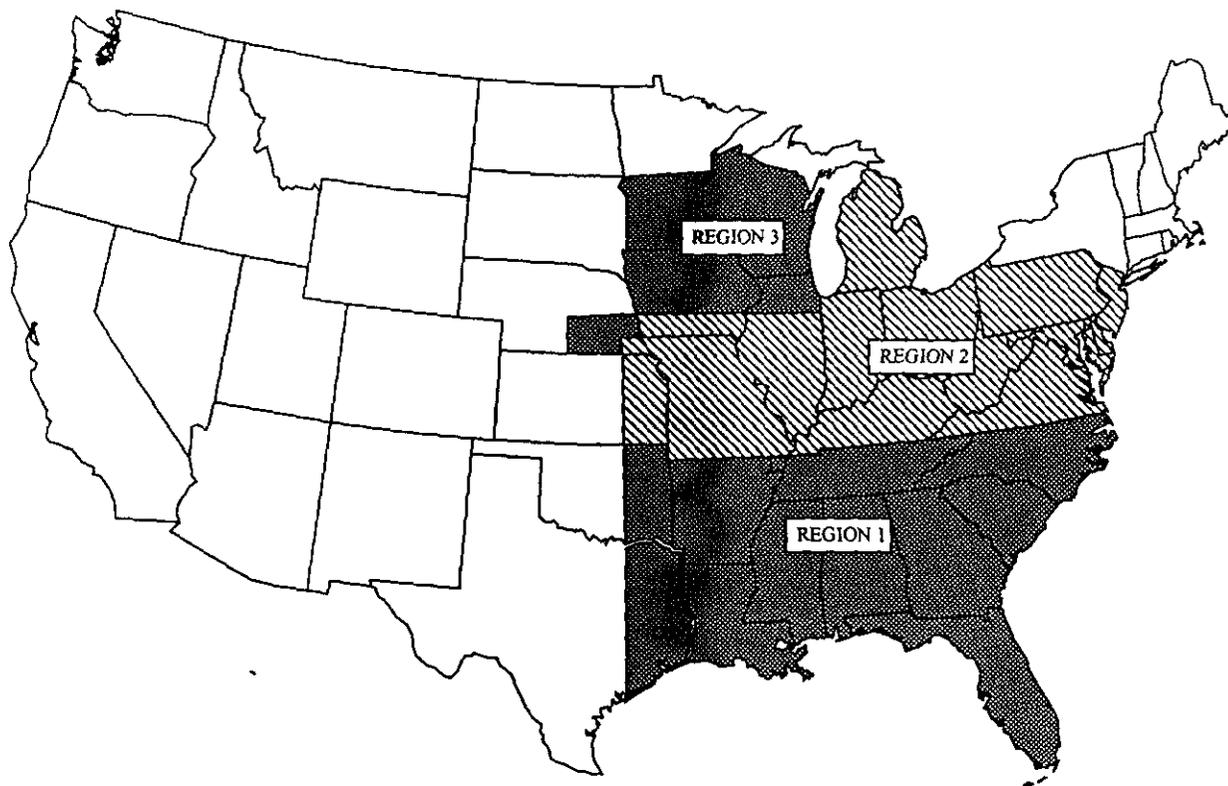
AVOID CONTACT OF BACKDRAFT WITH FOLIAGE OF DESIRABLE PLANTS, BECAUSE SEVERE INJURY OR PLANT DEATH MAY RESULT.

AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS.

Do not allow the herbicide solution to drift onto desirable vegetation. Very small amounts of drift may cause injury or death to desirable crops or plants. The likelihood of injury occurring from the use of this product increases when winds are gusty, during inversion conditions or other weather conditions that favor drift. Avoid applications using high spray pressure and high speed. These contribute to conditions that favor small spray droplets and drift. /

USE AREA

BACKDRAFT can be applied only in the states or parts of states shaded in the following map:



Use **Region 1** includes eastern Oklahoma (east of I-35), Arkansas, the Missouri bootheel, Tennessee, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, and eastern Texas (east of I-35 north of San Antonio, east of I-37 south of San Antonio).

Use **Region 2** includes eastern Kansas (east of U.S. 81; the counties of Cloud, Ellsworth, Harvey, Jewell, Lincoln, Mitchell, McPherson, Ottawa, Republic, Saline, Sedgewick, and Sumner), southeastern Nebraska (east of U.S. 81, south of U.S. 34), Missouri, Illinois (south of S.R. 116 west of Peoria; south of U.S. 24 east of Peoria), Indiana, Ohio, Michigan, Kentucky, Virginia, West Virginia, Pennsylvania, Maryland, Delaware, and New Jersey. Iowa in the counties of Mills, Fremont, Montgomery, Page, Adams, Taylor, Union, Ringgold, Clarke, Decatur, Lucas, Wayne, Monroe, Appanoose, Wapello, Davis, Jefferson, Van Buren, Henry, Lee, and Des Moines.

Use **Region 3** includes Nebraska (east of U.S. 81, north of U.S. 34 and also that area east of U.S. 283, south of U.S. 30, and west of U.S. 81), South Dakota (east of U.S. 81), Illinois (north of S.R. 116 west of Peoria; north of U.S. 24 east of Peoria), Wisconsin, Iowa (counties other than those listed in Use Region 2), and Minnesota (south of S.R. 210).

Note: See the ROTATIONAL CROP RESTRICTIONS section for recommendations pertaining to each Use Region.

DIRECTIONS FOR CONVENTIONAL, MINIMUM, AND NO-TILL APPLICATIONS

APPLICATION RATE

Apply BACKDRAFT at a broadcast rate of 1.5-2.0 quarts per acre for preplant burndown or postemergence applications. At this broadcast rate, one gallon of BACKDRAFT will treat 2 to 2.7 acres of soybeans.

NOTE: In Use Region 3 as defined by the Use Area section of this label, apply BACKDRAFT prior to July 1.

APPLICATION INSTRUCTIONS

PREPLANT/PREEMERGENCE APPLICATIONS

BACKDRAFT may be applied in conventional, minimum, or no-till as a preplant burndown application up to 45 days (30 days in Use Region 1) before planting. Preemergence applications may also be applied during or after planting but before the crop emerges.

Adequate moisture is required for residual control from BACKDRAFT.

POSTEMERGENCE APPLICATIONS

Apply BACKDRAFT postemergence only to ROUNDUP READY soybeans. BACKDRAFT applied postemergence not only controls the emerged weed species listed previously, but can also provide residual control of susceptible weeds that may emerge after application. The optimum timing of application is before most weeds exceed 6-8 inches in growth. Larger weeds become more difficult to control. Controlling weeds before they exceed 8 inches in size reduces the potential for reduced crop growth due to weed competition.

Use a nonionic or organo-silicone surfactant. The nonionic surfactant should contain at least 80% active ingredient and should be applied at a rate of 1 qt./100 gallons of spray solution. The organo-silicone surfactant should be applied at a rate of at least 1 pt./100 gallons of spray solution. Refer to the specific surfactant label for more specific use instructions.

HERBICIDE COMBINATIONS

A preplant or preemergence burndown treatment of BACKDRAFT is active against most grass species. For residual grass control BACKDRAFT should be tank mixed with PROWL 3.3 EC herbicide, trifluralin, Frontier², Dual², Dual II, or Axiom³. BACKDRAFT may also be applied as a sequential postemergence treatment following application of one of the above grass herbicides. PROWL 3.3 EC will also provide residual control of waterhemp species.

For no-till uses, BACKDRAFT may be tank mixed with 2,4-D, to kill existing vegetation. The addition of 2,4-D will assist in the control of perennial weeds and other difficult weeds including horseweed (marestail) and hemp dogbane. Use a minimum of 10 gallons of water per acre. Use higher gallonage for fields with dense vegetation or heavy crop residues. Use ground equipment only. Plant soybeans at least one inch deep and adjust planters to ensure adequate seed coverage.

OK 11/8/19

When used in combination with another herbicide, BACKDRAFT should be used only in accordance with recommendations on this label. Always follow the more restrictive label limitations and precautions. BACKDRAFT cannot be mixed with any product containing a label prohibition against such mixing.

BACKDRAFT Plus PROWL 3.3 EC Tank Mixture

If a heavy infestation of waterhemp species or grasses are anticipated a tank mix of BACKDRAFT plus PROWL® 3.3 EC is recommended for residual control. Refer to the PROWL 3.3EC label for specific use rates, application methods and application timings based on soil texture and soil organic matter content. A postemergence application of a diphenylether herbicide may be needed to control waterhemp escapes. Examples of diphenylether herbicides include Blazer⁴, Cobra⁵ and Flexstar⁶. Refer to individual product labels for specific uses and recommendations.

Alternatively, PROWL 3.3 EC may be applied preplant and BACKDRAFT applied postemergence for season-long control of waterhemp and other weed species. Other registered grass herbicides may be used in place of PROWL 3.3 EC.

For preplant applications plant soybeans within 45 days after application (30 days in Use Region 1). For preemergence applications, apply up to a maximum of 2 days after planting). DO NOT apply PROWL 3.3 EC if soybeans have emerged.

Tank Mixtures with 2,4-D

2,4-D may be used with BACKDRAFT prior to planting for control of some annual and perennial broadleaf weeds. Use the following rates of 2,4-D in tank mixtures with BACKDRAFT:

<u>2,4-D Formulation</u>	<u>2,4-D Rate (lb a.i./A)</u>	<u>Minimum Days Before Planting Soybeans</u>
Ester	0.5	7
Amine	0.5	15
Ester or Amine	1.0	30

Refer to 2,4-D label for weeds controlled. Observe all cautions and limitations on the 2,4-D label.

MIXING INSTRUCTIONS

Fill the spray tank one-fourth to one-half full with clean water. While agitating add the required amount of BACKDRAFT and then fill the remainder of the tank with water. For postemergence applications, add the nonionic or organo-silicone surfactant or as last ingredient in the tank. An antifoaming agent may be added to the tank if needed. Maintain agitation while spraying to ensure a uniform spray mixture.

BURNDOWN OR POSTEMERGENCE APPLICATIONS OF BACKDRAFT REQUIRE THE ADDITION OF A SURFACTANT AND FERTILIZER.

I. **SURFACTANTS:** Use a non-ionic surfactant containing at least 80% active ingredient. Apply the surfactant at the rate of 1 pint per 100 gallons of spray mixture (0.125% v/v of the spray mixture).

AND

II. **FERTILIZER:** Include a fertilizer in the spray solution. Add spray grade ammonium sulfate at the rate of 2.5 lb. per acre. Instead of ammonium sulfate, a nitrogen-based liquid fertilizer (such as 28%N, 32%N or 10-34-0) may be used at the rate of 1-2 quarts per acre. Use the higher rate when weeds are under moisture or temperature stress.

When mixing BACKDRAFT, while agitating, add components in the following order:

- 1) Fill spray tank 1/2 full with clean water.
- 2) Add BACKDRAFT and thoroughly mix.
- 3) Add surfactant to the spray tank.
- 4) Add fertilizer.
- 5) While agitating, fill the remainder of the tank with water.

When tank mixing BACKDRAFT with 2,4-D, and/or PROWL 3.3 EC, add products to the tank in the following order: 1) BACKDRAFT, 2) PROWL 3.3 EC, 3) 2,4-D, 4) surfactant, and 5) fertilizer.

DRIFT CONTROL ADDITIVES:

Drift control additives may be included to either ground or aerial applications. When a drift control agent is used, read and carefully observe the precautionary statements and all other information appearing on the additive label.

To avoid injury to sensitive crops, spray equipment used for BACKDRAFT applications must be drained and thoroughly cleaned with water before being used to apply other products.

SPRAYING INSTRUCTIONS

NOTE: DO NOT make applications when spray may be carried by wind to sensitive crops. Avoid overlaps when spraying.

GROUND APPLICATIONS:

Uniformly apply with properly calibrated ground equipment in 10 or more gallons of water per acre. Use sprayers equipped with nozzles that provide accurate and uniform application. To minimize drift, use a maximum spray pressure of 40 psi.

To ensure thorough coverage, use a minimum of 20 gallons of water per acre when applying BACKDRAFT as a postemergence treatment. Use higher gallonage for fields with dense vegetation or heavy crop residues.

DO NOT apply with ground equipment when wind velocity is greater than 10 mph.

AERIAL APPLICATIONS:

Uniformly apply with properly calibrated aerial equipment in 5 or more gallons of water per acre. When applied POSTEMERGENCE, the addition of a non-ionic surfactant AND fertilizer solution are required for optimum weed control. Apply a non-ionic surfactant at the rate of 0.25% v/v of spray solution AND ammonium sulfate at the rate of 2.5 lb/acre, or liquid fertilizer at the rate of 1 quart per acre. (See MIXING INSTRUCTIONS).

To avoid injury to sensitive crops from drift, aerial applicators must adhere to the following SPECIAL AERIAL USE DIRECTIONS AND PRECAUTIONS:

- Nozzle height above ground must be a maximum of 10 feet.
- Nozzles must be pointed toward the rear of the aircraft. The downward angle of the nozzle should not be greater than 20 degrees.
- To minimize wing-tip vortex roll, nozzles or spray boom just not be located any closer to end of wing or rotor than three-fourths the distance from the center of the aircraft.
- Use a maximum spray pressure of 40 psi.
- A buffer zone must be established between the area to be sprayed and sensitive crops.
- DO NOT spray when wind velocity is greater than 5 mph.

Applicator is responsible for any loss or damage which results from spraying BACKDRAFT in a manner other than recommended in this label. In addition, applicator must follow all applicable state and local regulations and ordinances in regard to spraying.

WEEDS CONTROLLED

When applied as directed, BACKDRAFT will control the following weeds at the application rates indicated below:

BROADLEAF WEEDS

<u>WEED</u>	<u>Maximum Weed Size (inches)</u>	
	<u>1.5 qt/A</u>	<u>2.0 qt/A</u>
Anoda, spurred	1	2
Burcucumber		6
Chickweed	12	16
Cocklebur, Common	12	18
Copperleaf, Hophornbeam	1	2
Copperleaf, Virginia	1	2
Eclipta	4	6
Fleabane,		
annual	6	16
hairy	6	12
rough	3	4
Grounsel, common	6	8
Horseweed/marestail	6	10
Jimsonweed	2	3
Lambsquarters, Common	6	8
Morningglory		
Entireleaf	4	6
Ivyleaf	4	6
Palmleaf	4	6
Pitted	4	6
Smallflower	4	6
Tall	4	6
Mustard species	12	16
Nightshade, Eastern Black	6	10
Nightshade, hairy	6	10
Pigweed		
Palmer	12	16
Redroot	12	16
Smooth	12	16
Spiny	12	16
waterhemp, sp.	8	12
Puncturevine	3	5
Pusley, Florida	3	6
Ragweed,		
Common	6	10
Giant	2	4
Sesbania, Hemp	1	2
Sicklepod	1	2

BROADLEAF WEEDS (cont.)

<u>WEED</u>	Maximum Weed Size	
	<u>1.5 qt/A</u>	<u>2.0 qt/A</u>
Sida, Prickly (teaweed)	1	2
Smartweed,		
ladysthumb	4	6
Pennsylvania	4	6
Spurge,		
spotted	6	10
Prostrate	6	10
Sunflower, Common	12	18
Velvetleaf	3	5

GRASSES

<u>WEED</u>	Maximum Weed Size	
	<u>1.5 qt/A</u>	<u>2.0 qt/A</u>
Barley, volunteer	18	18
Barnyardgrass	3	5
Bluegrass, annual	10	14
Corn, Volunteer	12	20
Crabgrass	12	18
Foxtail		
Giant	8	12
Green	8	12
Yellow	8	12
Goosegrass	3	5
Grain sorghum	6	12
Johnsongrass, seedling	12	18
Junglerice	3	5
Itchgrass	6	12
Oats, volunteer	4	6
Panicum,		
browntop	6	8
fall	4	6
Texas	6	8
Red rice	3	4
Rye	6	16
Shattercane	12	18
Signalgrass, Broadleaf	3	5
Sprangletop	6	12
Stinkgrass	12	16
Wheat, volunteer	6	12
Wild oats	12	16
Witchgrass	12	16
Wooly cupgrass	6	12

ROTATIONAL CROP RESTRICTIONS

The following rotational crops may be planted after applying BACKDRAFT at recommended rates in soybeans:

<u>CROP</u>	<u>USE REGION 1</u>	<u>USE REGION 2</u> (except Michigan ³)	<u>USE REGION 3</u>
Soybeans	No restrictions	No restrictions	No restrictions
Wheat	4 months	4 months	18 months ⁵
Rice	Spring following BACKDRAFT application	Spring following BACKDRAFT application	---
Barley	11 months	11 months	18 months
Field Corn	9.5 months ¹	9.5 months ²	18 months ^{4,5}
Edible Beans	11 months	11 months	11 months
Grain Sorghum	11 months	11 months	11 months
Oats	11 months	11 months	18 months
Peanuts	11 months	11 months	11 months
Tobacco	11 months	11 months	11 months
Sugar Beets & Red Table Beets	40 months	40 months	40 months
Other Crops	18 months	18 months	See FOOTNOTE 6

- 1 For USE REGION 1 as defined in the USE AREA section of this label, field corn may be planted in the spring of the year following BACKDRAFT application unless extreme drought conditions develop (less than 15 inches of rainfall or irrigation is received within 6 months following the date of last application). A minimum of 10 inches of rainfall is needed for a postemergence application of BACKDRAFT only if the total amount of BACKDRAFT applied in one season does not exceed 1 1/2 quart per acre.
- 2 For USE REGION 2 (except Michigan³) as defined in the USE AREA section of this label, field corn may be planted in the spring of the year following BACKDRAFT application unless extreme drought conditions develop (less than 15 inches of rainfall or irrigation is received from two weeks prior to the date of last application through November 15 of the same year). A minimum of 10 inches of rainfall is needed for a postemergence application of BACKDRAFT only if the total amount of BACKDRAFT applied in one season does not exceed 1 1/2 quart per acre.

If the minimum rainfall requirement is not met, only field corn hybrids which possess tolerance or resistance to BACKDRAFT and other imidazolinone herbicides may be planted the spring of the year following an application including BACKDRAFT (SEE NOTE).

- 3 Growers in the Michigan counties of Berrien, Cass, St. Joseph, Branch, Hillsdale, Lenawee, Monroe, Van Buren, Kalamazoo, Calhoun, Jackson, Washtenaw, and Wayne may use the rotational crop restrictions for Use Region 2.

Growers in other Michigan counties may NOT plant oats or barley in the fall or spring of the year following a BACKDRAFT application. In this geography, only field corn hybrids which possess tolerance or resistance to BACKDRAFT and other imidazolinone herbicides may be planted the spring of the year following an application including BACKDRAFT (SEE NOTE).

- 4 For USE REGION 3 as defined in the USE AREA section of this label, field corn, wheat, barley, or oats may be planted as a rotational crop in the fall or in the spring of the year following BACKDRAFT application ONLY if BACKDRAFT was applied as a postemergence application at 1.5 quarts per acre and at least 10 inches of rainfall or irrigation has been received from the date of application through October of the same year.

For soil applications of BACKDRAFT in USE REGION 3, as defined in the USE AREA section of this label, field corn may be planted as a rotational crop 18 months following the application of BACKDRAFT unless extreme drought conditions develop (less than 15 inches of rainfall or irrigation is received from two weeks prior to the date of BACKDRAFT application through November 15 of the same year). If the minimum rainfall requirement is not met, field corn may not be planted the spring of the year following the 18 month crop rotation period.

- 5 In Nebraska, east of U.S. 283, south of U.S. 30, and west of U.S. 81, wheat may be planted 4 months after a BACKDRAFT application. In this geography, only field corn hybrids which possess tolerance or resistance to BACKDRAFT and other imidazolinone herbicides may be planted the spring of the year following an application including BACKDRAFT (SEE NOTE).
- 6 For USE REGION 3 as defined in the USE AREA section of this label, canola, strawberries, cabbage, tomatoes, potatoes, carrots, celery, cole crops, garlic, onions, spinach, asparagus, cauliflower, and broccoli may be planted 26 months after BACKDRAFT application. Other crops may be planted 18 months after BACKDRAFT application.

NOTE: Contact your chemical dealer, seed supplier, or American Cyanamid to obtain information regarding the availability of imidazolinone tolerant field corn hybrids which are adapted to your area.

18/19

Use of BACKDRAFT herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, crop injury, is always possible.

Except where otherwise stated on a Supplemental Label or in this label, DO NOT apply products containing chlorimuron ethyl (e.g. Classic⁷, Canopy⁷, Gemini⁷, Lorox Plus⁷, Preview⁷, etc.), imazaquin (e.g. BACKDRAFT, SQUADRON[®], TRI-SCEPT[®], SCEPTER O.T.), imazethapyr (e.g., PURSUIT[®], PURSUIT[®] DG, PURSUIT[®] PLUS EC), or flumetsulam (e.g. Broadstrike⁸) the same year as BACKDRAFT because injury to follow crops may occur.

In the event of a crop loss due to weather conditions, soybeans can be replanted. DO NOT work the soil deeper than 2 inches.

PRECAUTIONS:

DO NOT use on crops other than soybeans. Apply preplant or preemergence to any soybeans. Apply only postemergence to ROUNDUP READY soybeans. Crops other than ROUNDUP READY soybeans, such as conventional soybeans, cotton, corn and vegetables, may be injured by spray drift or other indirect contact with BACKDRAFT.

To avoid injury to sensitive crops from spray drift, follow all use directions and precautions in the SPRAYING INSTRUCTIONS section.

Do not use BACKDRAFT other than in accordance with the instructions set forth on this label.

To avoid injury to sensitive crops, spray equipment used for BACKDRAFT applications must be drained and thoroughly cleaned with water before being used to apply other products to these crops.

There must be an interval of at least 90 days between the last BACKDRAFT application and soybean harvest.

DO NOT apply to soybeans once flowering has initiated.

Make only one application of BACKDRAFT per soybean growing season.

DO NOT graze or feed treated soybean forage, hay or straw to livestock.

Use of BACKDRAFT herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, crop injury, is always possible. See ROTATIONAL CROP RESTRICTIONS section.

Replanting: If replanting is necessary in a field previously treated with BACKDRAFT, the field may be replanted to soybeans. Rework the soil no deeper than the treated zone. DO NOT apply a second treatment of BACKDRAFT.

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9158