

Reg # 524-446

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 524-446	DATE OF ISSUANCE SEP 21 1971
	TERM OF ISSUANCE Conditional	
	NAME OF PESTICIDE PRODUCT Expedite Broadleaf Herbicide 3-Way Amine	

NOTICE OF PESTICIDE: ☒ REGISTRATION
☐ REREGERISTRATION
 (Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Ms. Lydia A. Suba
 Monsanto Company
 Suite 1100
 700 14th Street, N.W.
 Washington, D.C. 20005

NOTE: Changes in labeling formula 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 U.S. EPA registration number.

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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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) provided that you:

1. Submit/Cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.

2. Add the phrase, "EPA Registration No. 524-446" to your label before you release the product for shipment.

3. Submit three (3) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 previously mailed to you 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 3(c). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label and a copy of the Agency's review are enclosed for your records.

Enclosures

BEST AVAILABLE COPY

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Jeanne S. Miller

DATE

9/27/71

Expedite™ Broadleaf Herbicide 3-Way Amine
EPA File Number 524-UUA

LABELS
SUPERPRO LANCE
1-GALLON SIZE

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 27 1991

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

524-446

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EXPEDITE[®]
BROADLEAF HERBICIDE
3-WAY AMINE by Monsanto
For selective control of broadleaf weeds.

Low Volatile Formulation for Expedite[™] Application Equipment.

Complete Directions for Use

EPA Reg. No. 524.XXX

Covers from 14,000 to 21,000 square feet.

**[™]Expedite is a trademark of, and
used under license from, Nomix Plc.**

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MONSANTO COMPANY 1990

MONSANTO COMPANY
AGRICULTURAL PRODUCTS
ST. LOUIS, MISSOURI 63167 U.S.A.

(SuperPro.1b1)

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Read the entire label before using this product.

Use only according to label instructions.

Read "LIMIT OF WARRANTY AND LIABILITY" before buying or using. If terms are not acceptable, return at once unopened.

REFORMULATION OR REPACKAGING IS PROHIBITED.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children.

WARNING!

Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Avoid contact with skin. Wear goggles, face shield or safety glasses. Wear long pants, long-sleeved shirt, shoes and gloves when mixing, loading or applying this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

FIRST AID:

IF IN EYES, hold eyelids open and flush with steady gentle stream of water for 15 minutes.

IF SWALLOWED, drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol.

IF ON SKIN, wash with plenty of soap and water.

Do not reenter or permit people to reenter treated areas until sprays have dried.

In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.

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ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Drift or run-off may adversely affect aquatic invertebrates and nontarget plants. 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 cleaning solutions.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

ACTIVE INGREDIENTS:

*Dimethylamine salt of 2,4-dichlorophenoxyacetic acid	4.7%
**Dimethylamine salt of 2-(2-methyl-4-chlorophenoxy) propionic acid	3.2%
***Dimethylamine salt of dicamba(3,6-dichloro-o-anisic acid	0.5%
INERT INGREDIENTS.....	91.6%
	100.0%

Contains petroleum distillates.

*2,4-dichlorophenoxyacetic acid equivalent 0.3 pounds per U.S. gallon or 3.9%.

**2-(2-methyl-4-chlorophenoxy) propionic acid equivalent 0.2 pounds per U.S. gallon or 2.6%.

***3,6-dichloro-o-anisic acid equivalent of 0.03 pounds per U.S. gallon or 0.4%.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, foodstuffs, feed or seed by storage or disposal.

PEST ANALYST COPY

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STORAGE:

Store this product in its original container and in a secured storage area.

DISPOSAL:

Wastes of this pesticide may cause eye irritation and may be dangerous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is destroyed. Do not reuse container.

When container is completely emptied through Expedite application equipment, puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT PRECAUTIONS

This product is a selective postemergence broadleaf weed killer especially formulated for use through Expedite application equipment. It kills many broadleaf weeds found in coarse and fine turfgrass areas. Best results will be obtained from spring or early fall applications when weeds are actively growing.

This product is recommended for commercial, industrial and residential and noncropland uses in areas such as airports, farmsteads, golf courses, highways and roadsides, industrial plant sites, institutional sites, municipalities, lawns, parks, playgrounds, pipeline, power, telephone and utility rights-of-way, schools and similar sites.

The following instructions apply to all uses of this product. Failure to observe these precautions may result in injury or damage.

- Apply this product only through Expedite application equipment. Equipment must be cleaned after each use and prior to storage. When cleaning equipment, do not pour the cleaning solution on the ground; spray or drain over a large area away from wells and other water sources.
- Do not contaminate water used for irrigation or domestic purposes.
- Avoid spray contact or drift onto susceptible plants, as this product can injure flowers, shrubs, vegetable gardens, grapes,

DEPT. OF AGRICULTURE
WASHINGTON, D.C.

fruit trees and other desirable plants or crops. AVOID USE OF THIS PRODUCT FOR WEED CONTROL IN FLOWER OR VEGETABLE BEDS OR AROUND ORNAMENTALS. DO NOT ALLOW THE SPRAY TO CONTACT THE ROOTS OF ORNAMENTALS AND TREES.

- Applications near sensitive plants when air temperature on the day of application is expected to exceed 85°F, or during windy conditions, are more likely to cause drift and possible injury to desirable plants.
- Avoid spraying during long, excessively dry or hot periods unless adequate irrigation is available.
- Irrigation or rainfall within 24 hours after application may reduce weed control.
- Do not spray on carpetgrass, dichondra lawns, or turfgrasses where desirable clovers are present.
- Grass seed can be safely sown 3 to 4 weeks after application at recommended rates.
- Do not apply to newly seeded turfgrass until well established or after several mowings.
- Applications to turfgrass emerging from dormancy may result in significant turf injury.
- Overlapping of spray swath may increase the potential for turfgrass injury with this product.

WEEDS CONTROLLED

When applied as recommended under the conditions described, this product controls or suppresses many common annual, biennial, and perennial broadleaf weeds, some of which are listed below:

ANNUALS, BIENNIALS AND PERENNIALS

Black medic	Knotweed	
Catsear, spotted	Mustard, black	
Clover	Plantains	
Dandelion, common	Trefoil	
Geranium	Speedwell	

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HOW TO APPLY

Apply this product as a uniform spray over the foliage of undesirable vegetation.

To select general flow rate settings for applying this product, use the Expedite Set-N-Spray settings listed in the following application guide. The letters followed by a number (A1....D3) represent equipment settings for flow rates within the application range recommended for this product. If equipment calibration is desired to obtain equipment settings, see the "HOW TO CALIBRATE" section of this label.

A range of application rates are represented in the following application guide. Use the higher rate within the range on difficult-to-control species, perennials and mature weeds.

When the desired head setting is obtained, use the proper spinner and adjust the spinner speed to obtain the correct swath width and apply product at the desired walking speed. Keep lance head moving at desired ground speed during application to avoid over application and turf injury.

EXPEDITE® BROADLEAF HERBICIDE 3-WAY AMINE APPLICATION GUIDE

SET-N-SPRAY SETTING

SPINNER TYPE	SPRAY SWATH WIDTH	WALKING SPEED			
		1.5 MPH	2.0 MPH	2.5 MPH	3.0 MPH
Use Square Spinner	12"	A1 to A3	A2 to A4	A3 to A5	A4 TO B2
	18"	A3 to A5	A4 to B2	A5 to B4	B2 to B5
U Round Spinner	24"	A4 to B2	B1 to B4	B3 to C1	B4 to C3
	36"	B2 to B5	B4 to C3	C1 to D1	D3 to D3
Rate range represents 1.1 to 1.7 pounds acid equivalent or 2 to 3 gallons of product per acre.					

HOW TO CALIBRATE

1. Determine the proper Multi Flow units required from the following calibration guide. The number of Multi Flow units required is where the swath width row intersects the walking

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speed column. For example, for a 1.5 mph walking speed and a 12 inch swath width, 14 to 22 Multi Flow units are recommended.

2. Before calibrating, the lance must be primed to remove trapped air. To prime the lance, set the head setting to G+ and depress the trigger until all air is removed from the lance. Priming must be done with the head of the lance held above the handle but below the level of the product container.
3. Remove the spray disc and attach the Expedite calibration flow cup.
4. For the initial calibration check, set the equipment within the range of Set-N-Spray settings listed in the application guide in the "HOW TO APPLY" section. Lower the lance head to the spraying position, depress the trigger for 30 seconds and compare the measured volume to the desired Multi Flow units.
5. If required, adjust the head setting and repeat the process until the desired Multi Flow units are obtained. To remove the product from the calibration cup, raise the lance above head level and depress the trigger long enough to allow the product to flow back into the lance. Do not allow air to reenter the lance. If air enters the lance, it must be reprimed.
6. When the desired head setting is obtained, remove the calibration cup and reattach the proper spinner and follow the instructions in the "HOW TO APPLY" section on how to spray this product.

**EXPEDITE® BROADLEAF HERBICIDE 3-WAY AMINE
CALIBRATION GUIDE**

30 SECOND MULTI FLOW™ MEASUREMENT

	SPRAY SWATH WIDTH	WALKING SPEED			
		1.5 MPH	2.0 MPH	2.5 MPH	3.0 MPH
Use Square Spinner	12"	14 TO 22	19 TO 29	24 TO 36	29 TO 43
	18"	22 TO 32	29 TO 43	36 TO 54	43 TO 65
Use Round Spinner	24"	29 TO 43	38 TO 57	48 TO 72	57 TO 86
	36"	43 TO 65	57 TO 86	72 TO 108	86 TO 129

Rate range represents 1.1 to 1.7 pounds acid equivalent or 2 to 3 gallons of product per acre.

*One Multi Flow equals 0.8 Milliliter.

™ Multi Flow is a trademark of Nomix, Plc.

CLEANING OF EQUIPMENT

The Expedite application equipment must be cleaned after each use and prior to storage. Use Expedite cleaner to remove residues of this product. To clean the lance, connect the lance to the cleaner box, set the head setting to G+ and let the cleaner flow until it runs clear. Disconnect the lance from the cleaner box and remove the remaining cleaner from the lance. Do not drain cleaner back into the box. Failure to properly clean the equipment may result in equipment failure or injury to subsequently treated desirable vegetation. After thorough cleaning, equipment may be used to apply other products, especially formulated for use in Expedite application equipment.

Wastes resulting from the use or cleaning of equipment that cannot be used or chemically reprocessed should be disposed of in accordance with applicable Federal, state or local procedures. See the "Storage and Disposal" and "Important Precautions" section of this label for more information.

LIMIT OF WARRANTY AND LIABILITY

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyers and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

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THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

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In case of an emergency involving this product, Call Collect, day or night, (314) 694-4000.

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MONSANTO COMPANY
AGRICULTURAL PRODUCTS
ST. LOUIS, MISSOURI 63167 U.S.A.

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EXPEDITE BROADLEAF HERBICIDE

3-WAY AMINE by Monsanto

For selective control of broadleaf weeds.

Low Volatile Formulation for Expedite Application Equipment

Covers from 14,000 to 21,000 square feet.

Keep out of reach of children WARNING!

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once unopened.

REFORMULATION OR REPACKAGING
IS PROHIBITED.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING!
CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY.
Do not get in eyes or on clothing. Avoid contact with skin.
Wear goggles, face shield or safety glasses. Wear long
pants, long-sleeved shirt, shoes and gloves when mixing,
loading or applying this product. Wash thoroughly with
soap and water after handling. Remove contaminated
clothing and wash clothing before reuse.
FIRST AID: IF IN EYES, hold eyelids open and flush with
steady gentle stream of water for 15 minutes. IF
SWALLOWED, drink promptly a large quantity of milk,
egg white, gelatin solution, or if these are not available,
large quantities of water. Avoid alcohol. IF ON SKIN,
wash with plenty of soap and water.

Do not reenter or permit people to reenter treated areas
until sprays have dried.

(Continued on back panel)

In case of an emergency involving this product, Call
Collect, day or night, (314) 694-4000.

ACTIVE INGREDIENTS:

• Dimethylamine salt of 2,4-dichlorophenoxyacetic acid.....	4.7%
•• Dimethylamine salt of 2-(2-methyl-4-chlorophenoxy) propionic acid.....	3.2%
••• Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid).....	0.6%
INERT INGREDIENTS:	91.6%
	100.0%

Contains petroleum distillates.

- 2,4-dichlorophenoxyacetic acid equivalent 0.3 pounds per U.S. gallon or 3.9%
- 2-(2-methyl-4-chlorophenoxy) propionic acid equivalent 0.2 pounds per U.S. gallon or 2.6%
- 3,6-dichloro-o-anisic acid equivalent of 0.03 pound. per U.S. gallon or 0.4%

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Monsanto Company, Agricultural Product, St. Louis,
Missouri 63167 U.S.A.
EPA Reg. No. 524-XXXX

EPA Est. 524-XX-X

Part 1 of 2
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EXPEDITE **BROADLEAF HERBICIDE 3-WAY AMINE by Monsanto**

(Continued from front panel)

Environmental Hazards

This product is toxic to aquatic invertebrates. Drift or run-off may adversely affect aquatic invertebrates and nontarget plants. 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 cleaning solutions.

Most cases of ground water contamination involving phenoxy herbicides such as 2,4-D and MCPP have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D and MCPP pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

DIRECTIONS FOR USE

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

Storage and Disposal

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

STORAGE: Store this product in its original container and in a secured storage area.

DISPOSAL: Wastes of this pesticide may cause eye irritation and may be dangerous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional office for guidance.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is destroyed. Do not reuse container.

When container is completely emptied through Expedite application equipment, puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

LIMIT OF WARRANTY AND LIABILITY

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use label booklet ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated herein.

Buyer and all users shall promptly notify this Company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, application to or contact with desirable vegetation, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied, as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil, crop or treated vegetation.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY, OF IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES.

Buyer and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.

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