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EXPEDITE™ •
BROADLEAF 2-WAY ESTER HERBICIDE
by Monsanto
For selective control of broadleaf weeds.

Specially formulated for Expedite™ Application Equipment.

Complete Directions for Use

EPA Reg. No. 524-417

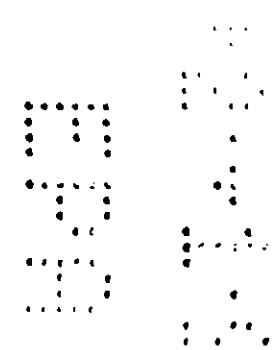
Covers from 38,000 to 57,000 square feet.

™ Expedite is a trademark of, ~~Monsanto Company~~ and used under license from, Nomix Plc.

1989-11990-1

~~875.15-000.08/53~~
~~875.15-000.17/53~~

ACCEPTED
FEB 13 1991
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. *524-417*



MONSANTO COMPANY 19891990

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

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.

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, application ranges 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, 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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PRECAUTIONARY STATEMENTS

Hazards to
Humans and Domestic Animals

Keep out of reach of children.

CAUTION!

HARMFUL IF SWALLOWED OR INHALED.
MAY CAUSE RESPIRATORY TRACT IRRITATION.
MAY CAUSE EYE IRRITATION.

Avoid contact with skin, eyes or clothing.
Avoid breathing vapor or spray mist.
Wash thoroughly with soap and water after handling.

FIRST AID: IF IN EYES, immediately flush with plenty of water for at least 15 minutes. If irritation persists, get medical attention.

IF SWALLOWED, do NOT induce vomiting. Give large quantities of water. Get medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

IF INHALED, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

KEEP PEOPLE AND PETS OFF TREATED AREA UNTIL FOLIAGE IS DRY.

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

Environmental Hazards

Avoid direct application to any body of water. Do not contaminate water when disposing of equipment washwaters.

ACTIVE INGREDIENTS:

| | |
|---|--------|
| *Isooctyl ester of 2,4-dichlorophenoxyacetic acid | 9.6% |
| **Isooctyl ester of 2-(2-methyl-4-chlorophenoxy) propionic acid | 13.4% |
| INERT INGREDIENTS | 71.0% |
| | 100.0% |

Contains petroleum distillates.

*2,4-dichlorophenoxyacetic acid equivalent 0.5 pounds per U.S. gallon or 6.4%.

**2-(2-methyl-4-chlorophenoxy) propionic acid equivalent 1.05 pounds per U.S. gallon or 12.7%.

IMPORTANT PRECAUTIONS

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.
- 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, fruit trees and other desirable plants or crops. DO NOT USE THIS PRODUCT FOR WEED CONTROL IN FLOWER OR VEGETABLE BEDS OR AROUND ORNAMENTALS.
- 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.
- Do not spray on carpetgrass, dichondra lawns, or turfgrasses where desirable clovers are present or while turfgrass is emerging from dormancy.
- Do not apply to newly seeded turfgrass until well established or after several mowings.
- Overlapping of spray swath may increase the potential for turfgrass injury with this product.

DIRECTIONS FOR USE

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

This product is a selective postemergence broadleaf weed killer especially formulated for use through Expedite application equipment only. It kills many broadleaf weeds found in coarse and fine turfgrass areas.

This product is recommended for commercial, industrial and residential turfgrass management in areas such as airports, 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.

Storage and Disposal

Do not contaminate water, foodstuffs, feed or seed by storage or 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. If these wastes cannot be disposed of by use according to label instructions, contact your State 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.

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

- | | |
|-------------------|--------------------|
| Catsear, spotted | Knotweed |
| Clover spp. | Mustard, black |
| Dandelion, common | Plantain, buckhorn |
| Geranium spp. | Trefoil spp. |

~~HOW TO APPLY~~

~~Select the desired product flow rate from the calibration guide.~~

~~Apply this product as a uniform spray to the foliage of undesirable vegetation. See the "HOW TO CALIBRATE" section of this label for more information.~~

~~Best results are obtained from spring or early fall applications when weeds are actively growing. Unless adequate irrigation is available, avoid applications during long dry hot periods.~~

~~This product contains 2,4-D and MCPP herbicides. It is recommended for use in phenoxy herbicide tolerant turfgrasses, such as tall fescue, Kentucky bluegrass, and similar species. This product may cause temporary yellowing or injury to bentgrass, bermudagrass, red fescue, centipede and carpet grass. Do not apply to dichondra, lippia, St. Augustinegrass or clover lawns.~~

~~Use only Expedite equipment when applying this product. See the "IMPORTANT PRECAUTIONS" section of this label for additional information.~~

~~HOW TO USE THE CALIBRATION GUIDES~~

- ~~1. Determine walking speed.~~
- ~~2. Select the spray width desired.~~
- ~~3. Find where the walking speed column intersects the spray width row on the calibration guide.~~
- ~~4. Where the row and column intersect are numbers for the Multi FlowTM units needed to deliver the desired rate.~~
- ~~5. Using the calibration cup provided with the Expedite equipment, measure the flow of the product for 30 seconds. If needed, adjust the equipment and measure the flow rate again for 30 seconds. Repeat this procedure until the amount of product collected matches the desired rate from the calibration guide.~~
- ~~6. For specific calibration procedures, see the "HOW TO CALIBRATE" section of this label.~~

~~EXPEDITE™ BROADLEAF HERBICIDE
CALIBRATION GUIDE~~

~~(30 Second Multi Flow* Measurement)~~

| SPRAY SWATH WIDTH | WALKING SPEED | | | |
|--------------------------------------|--------------------------|------------------|--------------------|------------------|
| | 1.5 MPH | 2 MPH | 2.5 MPH | 3 MPH |
| 6" | 4 | 5 | 6 | 7 |
| 9" | 6 | 7 | 9 | 11 |
| 12" | 7 | 10 | 12 | 14 |
| 15" | 9 | 12 | 15 | 18 |
| 18" | 11 | 14 | 18 | 21 |
| 21" | 13 | 17 | 21 | 25 |
| 24" | 14 | 19 | 24 | 28 |
| 36" | 21 | 28 | 35 | 42 |

~~*One Multi Flow equals 0.8 milliliter.~~

~~™MultiFlow is a trademark of Nomix Manufacturing Company Limited of the United Kingdom used under exclusive license by Monsanto Company~~

~~HOW TO CALIBRATE~~

- ~~1. Expedite application equipment should be calibrated prior to each use of this product.~~
- ~~2. Attached Expedite calibration flow cup to the Expedite equipment. Remove spray disc, if attached.~~
- ~~3. Connect the product container and prime the equipment to remove the trapped air. Priming must be done with the head of the lance held above the handle but below the level of the product container.~~
- ~~4. Lower the lance head with attached calibration cup to spraying position.~~
- ~~5. Depress the trigger with the power on. Collect the product for a measured period of time, such as 30 seconds. Check the amount of product collected in the calibration cup.~~
- ~~6. Raise the lance tip above head level and depress the trigger long enough to allow product to flow back into the lance.~~
- ~~7. Repeat until the correct volume is obtained.~~

~~HOW TO APPLY~~

Apply this product as a uniform spray over the foliage of undesirable vegetation. Use only Expedite application equipment when applying this product.

Before spraying, or during the calibration process, 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.

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 (A0...E1) represent equipment settings for flow rates within the application range recommended for this product. If more precise equipment calibration is desired, use the Multi Flow* units listed below the Set-N-Spray settings in the following application guide. See the "HOW TO CALIBRATE" section of this label for specific calibration procedures.

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

When the desired head setting is obtained, use the round 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 2-WAY ESTER HERBICIDE
APPLICATION GUIDE

SET-N-SPRAY SETTING
30 SECOND MULTI FLOW™ MEASUREMENT

| SPRAY SWATH WIDTH | WALKING SPEED | | | |
|-------------------|----------------------|----------------------|----------------------|----------------------|
| | 1.5 MPH | 2.0 MPH | 2.5 MPH | 3.0 MPH |
| 12" | A0 to A2 7 TO 11 | A2 to A4 10 TO 14 | A3 to B1 12 TO 18 | A4 to B2 14 TO 22 |
| 18" | A2 to A5 11 TO 16 | A4 to B2 14 TO 22 | B1 to B4 18 TO 27 | B2 to C1 22 TO 32 |
| 24" | A4 to B2 14 TO 22 | B1 to B5 19 TO 29 | B3 to C1 24 TO 36 | B4 to C3 29 TO 43 |

| | | | | |
|-----|-----------------|-----------------|-----------------|-----------------|
| 36" | <u>B2 to C1</u> | <u>B4 to C3</u> | <u>C1 to D2</u> | <u>C3 to E1</u> |
| | 22 TO 32 | 29 TO 43 | 36 TO 54 | 43 TO 65 |

*One Multi Flow equals 0.8 Milliliter.

TMMulti Flow is a trademark of Nomix, Plc.

HOW TO CALIBRATE

1. Determine the proper Multi Flow units required from the above application guide. The number of Multi Flow units required is where the swath width row intersects the walking speed column. For example, for a 1.5 mph walking speed and a 12" swath width, 7 to 11 Multi Flow units are recommended.
2. Prime the lance.
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. 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.
6. When the desired head setting is obtained, remove the calibration cup and reattach the round spinner.

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. 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" section of this label for more information.

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~~875.15-000.17/53~~

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