



CHANGE:
New logo colors



ADD:
Contains glyphosate, the active ingredient in Roundup[®] herbicide.



Specially formulated for Expedite™ Application Equipment.

ADD:
[The Roundup logo]



Complete Directions for Use

CHANGE TO:
⑤ Expedite is a registered trademark of, and used under license from, Nomix, Plc
⑥ Roundup is a registered trademark of Monsanto Company

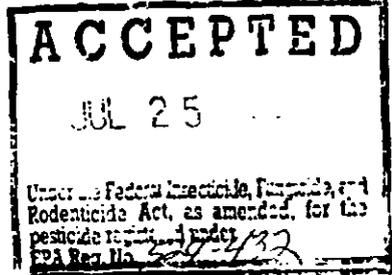
EPA Reg No 524432

~~Expedite is a trademark of Monsanto Company~~

CHANGE TO:
1990-1

1989-1 875.15-200.21-53

CHANGE TO:
875.15-200.28/53



MONSANTO COMPANY 1989

CHANGE TO:
1990

MONSANTO COMPANY
AGRICULTURAL PRODUCTS
ST LOUIS MISSOURI 63167 USA



20113

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 IS PROHIBITED~~

~~SEE CONTAINER LABEL FOR REPACKAGING LIMITATIONS~~

CHANGE TO:

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.

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 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

WARNING!

CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY.

HARMFUL IF SWALLOWED OR INHALED.

Do not get in eyes, on skin or on clothing.

Wear goggles or face shield.

Avoid breathing vapor or spray mist.

Wash thoroughly with soap and water after handling.

Remove contaminated clothing and wash before reuse.

FIRST AID: IF IN EYES: immediately flush with plenty of water for at least 15 minutes. Get medical attention.

IF ON SKIN: wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: remove individual to fresh air. Seek medical attention if breathing difficulty develops.

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

Do not apply directly to water, or wetland (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters.

Physical or Chemical Hazards

Apply this product ONLY through Expedite application equipment designed for its use. DO NOT STORE OR APPLY THIS PRODUCT IN ANY OTHER TYPE OF CONTAINER PARTICULARLY GALVANIZED STEEL OR UNLINED STEEL CONTAINERS OR SPRAY TANKS. This product will react with such containers and tanks to produce hydrogen gas which may form a highly combustible gas mixture. This gas mixture could flash or explode, causing serious personal injury, if ignited by open flame, spark, welder's torch, lighted cigarette or other ignition source.

ACTIVE INGREDIENT:

*Glyphosate, N-(phosphonomethyl) glycine
in the form of the isopropylamine salt 18.3%

INERT INGREDIENTS 81.7%
100.0%

Contains 199 grams per litre or 1.66 pounds per U.S. gallon of the active ingredient glyphosate, in the form of the isopropylamine salt. Equivalent to 147 grams per litre or 1.23 pounds per U.S. gallon of the acid glyphosate.

Product protected by U.S. Patent Nos. 3,799,758 and 4,405,531. Other patents are pending.
No license granted under any nc. U.S. patent

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CHANGE TO:

its

ADD:

and 4,840,650

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.

STORAGE

Store this product between 32°F and 100°F in its original container and in a secured storage area

DISPOSAL

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or in accordance with applicable Federal, state or local procedures.

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

GENERAL INFORMATION

This product is a nonselective weed killer that is applied using Expedite application equipment to the foliage of actively growing weeds. It is absorbed by the leaves and moves throughout the stem and roots to control the entire plant. Visible symptoms of control may require a week or more to appear, with complete browning usually occurring in 2 to 4 weeks. Symptoms are a gradual wilting and yellowing of the treated plant foliage followed by browning and deterioration of both shoots and roots. This product will not wash or leach to affect nearby vegetation

This product is recommended for commercial, industrial and residential vegetation management in areas such as airports, golf courses, highways and roadsides, industrial plant sites, institutional sites, municipalities, lawns, lumberyards, nurseries, parking areas, parks, playgrounds, petroleum tank farms, pipeline, power, telephone and utility rights-of-way, railroads, schools, storage areas and similar sites.

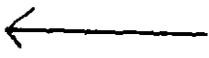
THIS PRODUCT CAN INJURE OR DESTROY ALL VEGETATION CONTACTED. AVOID SPRAY DRIFT CONTACT WITH DESIRABLE TURF, ORNAMENTALS, SHRUBS OR TREES. DO NOT CONTACT BARK OF TREES OR SHRUBS.

WEEDS CONTROLLED

When applied as recommended under the conditions described, this product CONTROLS many common annual grasses and broadleaf weeds, including the following:

ANNUALS

- | | |
|-----------------------|--------------------------|
| Barnyardgrass | Pennycress, field |
| Bluegrass, annual | Pigweed, redroot, smooth |
| Chickweed | Ragweed, common |
| Crabgrass | Ryegrass, annual |
| Foxtail | Sandbar, field |
| Lambsquarters, common | Shepherdspurse |
| Lettuce, prickly | Southstie |
| Mustard, tansy | |



ADD:

- Brome, Downy
- Cheat
- Geranium, Carolina
- Goosegrass
- Stinkgrass

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PERENNIALS

When applied as recommended under the conditions described this product ~~PARTIALLY CONTROLS~~ ~~or~~ ~~SUP-~~ ~~PRESSES~~ many common perennial grasses and broad-leaf weeds including the following:

- | | |
|--------------------|--------------------------|
| Bahagrass | Johnsongrass |
| Bermudagrass | Nutsedge: purple, yellow |
| Bindweed field | Orchardgrass |
| Bluegrass Kentucky | Quackgrass |
| Bromegrass, smooth | Ryegrass, perennial |
| Clover red white | Thistle, Canada |
| Dallisgrass | Timothy |
| Dandelion | Vaseygrass |
| Fescues | |

HOW TO APPLY

~~Select the desired product flow rate from the calibration guide for the type of weeds to be controlled—annuals or perennials.~~

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

~~Do not spray during windy conditions, as spray drift or swath displacement may cause damage to any vegetation contacted. Use only Expedite application equipment when applying this product.~~

HOW TO USE THE CALIBRATION GUIDES

- Determine walking speed.
- Select the spray width desired.
- Select the calibration guide for either annual or perennial weeds.
- Find where the walking speed column intersects the spray width row on the calibration guide.
- Where the row and column intersect are numbers for the Multi Flow™ units needed to deliver the desired rate.
- Using the calibration cup provided with the Expedite unit, 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.
- For specific calibration procedures, see the "HOW TO CALIBRATE" section of this label.

EXPEDITE™ GRASS AND WEED HERBICIDE CALIBRATION GUIDES
(30-second Multi Flow™ Measurement)

SPRAY SWATH WIDTH	ANNUAL WEEDS (Walking Speed)			
	1.5 MPH	2 MPH	2.5 MPH	3 MPH
6"	2 to 4**	3 to 5	3 to 6	4 to 7
9"	3 to 6	4 to 7	4 to 9	5 to 11
12"	4 to 7	5 to 10	6 to 12	7 to 14
15"	4 to 9	6 to 12	7 to 15	9 to 18
18"	5 to 11	7 to 14	9 to 18	10 to 21
21"	7 to 13	8 to 17	10 to 21	12 to 25
24"	7 to 14	9 to 19	12 to 24	14 to 28
36"	13 to 21	14 to 28	17 to 35	21 to 42

*One Multi Flow equals 0.8 milliliter

CHANGE TO:

this product **CONTROLS** or **PARTIALLY CONTROLS**

ADD:

Dock, Curly Bentgrass

CHANGE TO:

Bermudagrass*

ADD:

*Partial control



CHANGE TO:

Apply this product as a uniform spray over the foliage of undesirable vegetation. Avoid applications during windy conditions, as spray drift or swath displacement may cause damage to any vegetation contacted. Use only Expedite application equipment when applying this product.

To select flow rate settings for general weed control, use the Expedite equipment settings listed in the following guide. The letters followed by a number (A1...E3) represent equipment head settings for flow rates within the application range recommended for this product and will provide weed control in most use situations. For tough-to-control perennial weeds (e.g., Bermudagrass), or for dense vegetation, increased flow rates may be needed. For small annual weeds, decreased flow rates may be used. Where the application rate needs to be specific to the type of weeds to be controlled, or if more precise equipment calibration is desired, see the "WEEDS CONTROLLED, HOW TO USE THE CALIBRATION GUIDES" and "HOW TO CALIBRATE" section of this label for specific flow rates needed and calibration procedures.

EXPEDITE® GRASS & WEED HERBICIDE EQUIPMENT FLOW RATE SETTING

SPRAY SWATH WIDTH	WALKING SPEED			
	1.5 MPH	2 MPH	2.5 MPH	3 MPH
LESS THAN				
6"	A1	A2	A1	A1
6"	A1	A2	A2	A3
9"	A1	A3	A5	B1
12"	A3	A5	B1	B3
15"	A5	B2	B3	B5
18"	B1	B3	B5	C1
21"	B2	B4	C1	C3
24"	B3	B5	C2	C5
36"	C1	C5	D3	E3

**Use the lower rate when treating small actively growing annual weeds. Increase the rate within the recommended range as height and density of the vegetation increase.

SPRAY SWATH WIDTH	PERENNIAL WEEDS (Walking Speed)			
	1.5 MPH	2 MPH	2.5 MPH	3 MPH
6"	4 to 9***	5 to 12	6 to 15	7 to 18
9"	6 to 14	7 to 18	9 to 22	11 to 27
12"	7 to 18	10 to 24	12 to 30	14 to 35
15"	9 to 22	12 to 30	15 to 37	18 to 44
18"	11 to 27	14 to 35	18 to 44	21 to 35
21"	13 to 31	17 to 41	21 to 51	25 to 62
24"	14 to 35	19 to 47	24 to 59	28 to 70
36"	21 to 53	28 to 70	35 to 88	42 to 105

*One Multi Flow equals 0.8 milliliter.

***Increase the rate within the recommended range as height and density of the vegetation increase. Use the higher number for tough-to-control weeds.

*Multi Flow is a trademark of Home 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 the product.~~
2. Attach the 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.

← DELETE:

← RENUMBER PARAGRAPH:

2-7 to 1-6

WHEN TO APPLY

Apply to vigorously growing plants. Apply to undesirable grasses and broadleaf weeds any time after emergence and when sufficient foliage is present for good spray interception. After mowing, chipping or tilling, allow weeds to regrow before applying this product.

Rainfall or watering within 6 hours after application may wash the product off plant foliage resulting in reduced activity and the need for retreatment. Delay mowing, chipping, tilling, planting or sodding of treated areas for at least 7 days after application. This allows time for this product to move within the plant for the most effective kill. THIS PRODUCT HAS NO SOIL RESIDUAL ACTIVITY. RETREATMENTS WILL BE NECESSARY TO KILL NEW WEEDS EMERGING FROM SEED.

One application will control or suppress weeds listed in the "WEEDS CONTROLLED" section of this label. If control is not achieved within 4 weeks, allow time for sufficient regrowth of the vegetation and make a repeat application.

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ORNAMENTALS AND PLANT BEDS

Ornamentals, flowers and other plants used for landscaping may be planted in treated areas 7 or more days after application. This product may also be used as a direct application to control undesirable vegetation growing around ornamentals, trees or shrubs. Avoid spray contact with any desirable plants. To avoid injury on desirable plants, prevent spray or drift contact with foliage, stems or bark. DO NOT SPRAY INTO, OR OVER THE TOP OF, DESIRABLE PLANTS, TREES OR SHRUBS

GREENHOUSE/SHADEHOUSE

This product will control or suppress grasses and broad-leaf weeds listed on this label which are growing in greenhouses. Removal of desirable vegetation during application is recommended to avoid injury. Air circulation fans must be turned off during application. DESIRABLE GREENHOUSE PLANTS WILL BE INJURED IF CONTACTED BY SPRAY OR DRIFT OF THIS PRODUCT

CLEANING OF EQUIPMENT

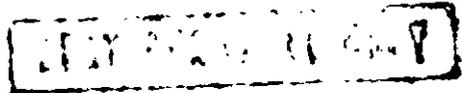
The Expedite application equipment must be cleaned after each use and prior to storage, using Expedite Cleaner to remove residues of this product. Failure to properly clean the equipment may result in equipment failure or injury to subsequently treated desirable vegetation. After thorough cleaning, equipment 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.

875.15-200.21/53

CHANGE TO:

875.15-200.28/53



EPA Reg. No. 524-432

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CHANGE TO:
1990

In case of an emergency involving this product,
Call Collect day or night. (314) 684-4000.

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



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SET-N-SPRAY
APPLICATION GUIDE FOR
EXPEDITE
GRASS & WEED HERBICIDE
by Monsanto

This guide makes use of the Expedite® lance with grass and weed herbicide simpler and faster.

- Prime the Lance
- Select desired Swath Width and Walking Speed. Rotate spray head casing to the proper letter (A1...E3) in Set-N-Spray Chart.
- Adjust Spray Width Knob for Desired Spray Swath
- Attach ROLL-N-EDGER Shield for edging or as an ornamental shield (if desired).

SET-N-SPRAY CHART*
For Expedite® Grass & Weed Herbicide
ANNUAL/PERENNIAL WEEDS

SPRAY SWATH WIDTH		Walking Speed (mph)			
		1.5	2.0	2.5	3.0
USE SQUARE SPINNER	Less than 6"	A1	A1	A1	A1
	6"	A1	A1	A2	A3
	9"	A1	A3	A5	B1
	12"	A3	A5	B1	B3
	15"	A5	B1	B3	B5
	18"	B1	B3	B5	C1
USE ROUND SPINNER	21"	B2	B4	C1	C3
	24"	B3	B5	C2	C5
	36"	C1	C5	D3	E3

*These flow rate settings are recommended for general non-selective control of grass and broadleaf weeds. Higher use rates may be required for control of some perennial weeds (ex. Bermudagrass) and when vegetation is dense. Lower use rates may be used for small annual and seedling weeds. Read the label for calibration procedures for higher or lower use rates and for additional information on weeds controlled.

**For best results with the Square Spinner at 6" spray swath or less, adjust spinner speed until reaching a 9" spray swath while holding lance head 9" above a flat surface. Then during application, lower the lance head until the desired spray swath is produced.

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**SET-N-SPRAY
APPLICATION GUIDE FOR
EXPEDITE™
GRASS & WEED HERBICIDE**
by Monsanto

This guide makes use of the Expedite® lance with grass and weed herbicide simpler and faster.

- Use SQUARE SPINNER** for Trim & Edge Applications
- Use ROUND SPINNER for Spot and Broadcast Applications
- Select desired Swath Width and Walking Speed. Rotate spray head casing to the proper letter setting (A1 - E3) in Set-N-Spray Chart.
- Prime the Lance
- Adjust Spray Width Knob To Desired Spray Swath
- Attach ROLL-N-EDGER Shield for edging or as an ornamental shield (if desired).

SET-N-SPRAY CHART™
For Expedite Grass & Weed Herbicide
ANNUAL PERENNIAL WEEDS

	Walking Speed (mph)			
	1.5	2.0	2.5	3.0
USE SQUARE SPINNER	A1	A1	A1	A1
	A1	A1	A2	A3
	A1	A3	A5	B1
	A3	A5	B1	B3
	A5	B1	B3	B5
USE ROUND SPINNER	B1	B3	B5	C1
	B2	B4	C1	C3
	B3	B5	C2	C5
	C1	C5	D3	E3

* These low rate settings are recommended for general non-selective control of grass and broadleaf weeds listed in the label for this product. Higher use rates may be required for control of some perennial weeds (i.e. Bermudagrass) and when vegetation is dense. Read the label for additional information on recommended use of this product and proper calibration of equipment for best results.

** For best results with the Square Spinner at 6' swath or less, adjust spray width knob spinner speed to the 2nd to 4th notch until reaching a 9' spray swath at an application height of 9' above a flat surface. Then during application lower the lance head until the desired spray swath is produced.

ACCEPTED

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 526-432

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