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(G&WPNEW.5LT)

12.06.93

**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.

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

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 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.

**Physical or Chemical Hazards**

Apply this product ONLY through Expedite ~~TYPE NAME~~ 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 its isopropylamine salt .....	12.4 %
* Oryzalin, 3,5-dinitro-N',N'-dipropylsulfanilamide .....	11.8 %
INERT INGREDIENTS: .....	75.8 %
	100.0 %

Contains petroleum distillates.

- \* Contains 125 grams per litre or 1.04 pounds per U.S. gallon of the active ingredient, glyphosate, in the form of its isopropylamine salt (Equivalent to 93 grams per litre or 0.77 pounds per U.S. gallon of the acid, glyphosate) and 120 grams per litre or 1.0 pounds per U.S. gallon of the active ingredient, oryzalin.

This product is protected by U.S. Patent No.4,405,531. Other patents are pending.

No license granted under any non-U.S. patent(s).

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**DIRECTIONS FOR USE**

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

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**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 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.

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 plants, soil, or water, are:

- coveralls
- waterproof gloves
- shoes plus socks

**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.

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**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.

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**General Information**

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This product is a mixture of a nonselective postemergence and a selective preemergence weed killer. Visible symptoms of postemergence control may require a week or more to appear, with complete browning usually occurring in 1 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.

The preemergence portion of this product will remain stable on the soil surface up to 21 days. In the absence of timely rainfall for activation, irrigation can be used to move this product into the soil surface. If this product is not activated by rainfall or irrigation within 21 days of application, erratic preemergence weed control may result.

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

This product may be used as a directed application to control undesirable vegetation growing around established ornamentals, trees or shrubs. To avoid injury on desirable plants, prevent spray or drift contact with foliage, stems or green (immature) tree bark.

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Do not apply this product where the likelihood of runoff onto lawn areas containing dichondra or cool-season turfgrass species exist as severe injury may occur.

Reseeding of desirable species should be delayed by 120 days following an application of this product.

Rainfall or irrigation within 2 hours after application may wash the product off plant foliage resulting in reduced postemergence activity.

**THIS PRODUCT CAN INJURE OR DESTROY ALL VEGETATION CONTACTED. AVOID SPRAY CONTACT WITH THE FOLIAGE OF DESIRABLE TURF, ORNAMENTALS, SHRUBS OR TREES. DO NOT APPLY OVER THE TOP OF DESIRABLE PLANTS.**

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### How to Apply

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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 ~~and other~~ application equipment when applying this product.

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...G5)(A2...G5) represent equipment settings for flow rates within the application range recommended for this product. If 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 in the range on established perennial weeds or where longer residual control is needed. For best results, make applications before weeds are allowed to form a dense canopy.

When the desired head setting is obtained, install the spinner as indicated in the following guide. Best results are obtained when the spinner is producing a uniform spray pattern. This is obtained by holding the lance head as close as practical to the top of the weed canopy (less than 4 inches) and increasing the spinner speed to obtain the correct swath width.

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**INSTRUCTIONS FOR SETTING THE SPINNER MEMBRANES ON  
COMPACT MINTECH DESERTE**

**EXPEDITE • GRASS & WEED PLUS RESIDUAL HERBICIDE  
APPLICATION GUIDE**

**SET-N-SPRAY SETTINGS**

SPINNER TYPE	SPRAY WIDTH	SWAT/WALKING SPEED			
		1.5 MPH	2.0 MPH	2.5 MPH	3.0 MPH
Spiral Spinner	<6"	A2 to A3	A3 to A4	A4 to A5	A5 to B1
	6"	A3 to A5	A4 to B1	B1 to B3	B2 to B5
	6"	A4 to B1	B1 to B3	B2 to B4	B4 to C1
	9"	A5 to B2	B2 to B4	B4 to C2	B5 to C4
	12"	B2 to B4	B5 to C2	C2 to C4	C4 to D2
	12"	B4 to C1	C1 to C4	C3 to D2	C5 to E1
Square Spinner	15"	B4 to C2	C2 to C4	C4 to D3	D1 to E4
	18"	B5 to C4	C4 to D2	D1 to E4	D5 to G5
	18"	C2 to C5	C5 to E1	D4 to F4	E4 to G5
	21"	C2 to D1	C5 to E2	D5 to G4	F2 to *
	24"	C4 to D2	D2 to F3	E5 to *	G5 to *
	24"	C5 to E1	E1 to G1	F4 to *	G5 to *
Serrated Spinner	36"	D5 to F3	F3 to *	G5 to *	*
	36"	D5 to G5	G5 to *	*	*
	36"	E4 to G5	G5 to *	*	*

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The recommended rate range for this product represents 6 to 8 pounds total active ingredient or 3 to 4 gallons of product per acre.

- \* The flow rate through the equipment is not adequate to apply the recommended rates at these walking speed and swath width combinations.

SPINNER SPRAY  
TYPE: [REDACTED] SWATH: [REDACTED] WALKING  
SPEED: [REDACTED]

[REDACTED]

SPINNER SPRAY  
TYPE: [REDACTED] SWATH: [REDACTED] WALKING  
SPEED: [REDACTED]

WIDTH: [REDACTED] GPM: [REDACTED]

Spiral Spinner [REDACTED] [REDACTED] [REDACTED]

[REDACTED]

Square Spinner 18" [REDACTED] [REDACTED]

24" [REDACTED] [REDACTED]

The recommended rate range for this product represents 6 to 8 pounds total active ingredient or 3 to 4 gallons of product per acre.

- \* The flow rate through the equipment may not be adequate to apply the recommended rates at these walking speed and swath width combinations.

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**HOW TO CALIBRATE**

**EXPEDITE AND SET-N-SPRAY**

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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 speed column. For example, for ~~Set-N-Spray~~ a 1.5 mph walking speed and a 12" swath width, 22 to 29 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 ~~Spinner~~ 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. To remove the product from the Calibration ~~Flow~~ 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. If required, adjust the head setting and repeat the process until the desired Multi Flow units are obtained.
7. When the desired head setting is obtained, remove the Calibration ~~Flow~~ Cup and reattach the desired spinner and follow the instructions in the "HOW TO APPLY" section on how to spray this product.

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EXPEDITE® GRASS & WEED PLUS RESIDUAL HERBICIDE  
CALIBRATION GUIDE

30 SECOND MULTI FLOW® MEASUREMENT\*

SPINNER TYPE	SPRAY WIDTH	SWATH WALKING SPEED			
		1.5 MPH	2.0 MPH	2.5 MPH	3.0 MPH
Spiral Spinner	<del>&lt;6"</del>	<del>7 to 10</del>	<del>10 to 13</del>	<del>12 to 16</del>	<del>14 to 19</del>
	6"	11 to 14	14 to 19	18 to 24	22 to 29
	<del>9"</del>	<del>16 to 22</del>	<del>22 to 29</del>	<del>27 to 36</del>	<del>32 to 43</del>
	12"	22 to 29	29 to 38	36 to 48	43 to 57
Square Spinner	<del>15"</del>	<del>27 to 36</del>	<del>36 to 48</del>	<del>45 to 60</del>	<del>54 to 72</del>
	18"	32 to 43	43 to 57	54 to 72	65 to 86
	<del>21"</del>	<del>38 to 50</del>	<del>50 to 67</del>	<del>63 to 84</del>	<del>75 to 100**</del>
	24"	43 to 57	57 to 76	72 to 96**	86 to 115**
Serrated Spinner	<del>30"</del>	<del>50 to 67</del>	<del>63 to 84</del>	<del>86 to 115**</del>	<del>108 to 144**</del>
	36"	65 to 86	86 to 114**	108 to 144**	129 to 173**

The recommended rate range for this product represents 6 to 8 pounds total active ingredient or 3 to 4 gallons of product per acre.

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- One Multi Flow equals 0.8 Milliliter.
- \*\* The flow rate through the equipment may not be adequate to apply the recommended rates at these walking speed and swath width combinations.

TM Multi Flow is a trademark of Nomix, Plc.

ESBEDIUE GRSNNE SUBEUTUOSKSEIUNOCENBUCIDE

COUPNIBIBS SPSNEURONONSHIDE

SPSEONDMUBIHOYKNSIENRISDI

SPINNER SPRAY  
 TYPE SWATH  
 SEED

WIDTH 225 MPH

6 16 to 22

Spiral  
 Spinner 12 15 to 20

Square  
 Spinner 18 48 to 63

24 63 to 85\*\*

The recommended rate range for this product represents 6 to 8 pounds total active ingredient or 3 to 4 gallons of product per acre.

- \* One Multi Flow equals 0.8 Milliliter
- \*\* The flow rate through the equipment may not be adequate to apply the recommended rates at these walking speed and swath width combinations.

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INSTRUCTIONS FOR THE SPINNER EQUIPMENT INSTRUCTIONS  
OPERATION AND MAINTENANCE

[REDACTED]

[REDACTED]

SPINNER [REDACTED] [REDACTED] [REDACTED]  
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

[REDACTED]

Spiral  
Spinner

[REDACTED]

Square  
Spinner [REDACTED] [REDACTED] [REDACTED]

The recommended rate range for this product represents 6 to 8 pounds total active ingredient or 3 to 4 gallons of product per acre

\* The flow rate through the equipment is not adequate to apply the recommended rates if the sprayer speed and swath width combination

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**CALIBRATION INSTRUCTIONS FOR COMPACT MARK II**

**HOW TO CALIBRATE**

1. Remove the spinner and attach the Calibration Flow Cup.

2. Prime the Calibration Flow Cup by spraying the spray head with the product, depressing the trigger for 5 seconds. Do not allow the trigger to be depressed for more than 5 seconds.

3. Before calibration, adjust the Flow Rate control up or down to prime the lance. The Flow Rate control is located on the trigger handle. On a removal from the lance, the minimum flow rate is 1.0 gpm. The lance should lower than the spray head.

4. Remove the spinner and attach the Calibration Flow Cup.

5. Prime the Calibration Flow Cup by spraying the spray head with the product, depressing the trigger for 5 seconds. Do not allow the trigger to be depressed for more than 5 seconds. The trigger to allow the product to flow into the Calibration Flow Cup.

6. Lower the lance head to the spraying position, depress the trigger for the required calibration time and check the measured volume matches the desired spray swath width line on the Calibration Flow Cup.

7. If the measured volume does not match the line, adjust the Flow Rate control up or down and repeat the process until the desired volume is obtained.

8. To remove the product from the Calibration Flow Cup, raise the spray head to head height and depress the trigger to allow the Calibration Flow Cup to empty. Do not allow air to enter the lance. If calibrated, the Flow Rate window empty, the lance must be repaired.

9. When the desired flow rate is obtained, remove the Calibration Flow Cup and reattach the desired spinner and follow the instructions in the HOW TO APPLY section on how to spray this product.

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**CLEANING OF EQUIPMENT**

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The Expedite **[REDACTED]** application equipment must be cleaned after each use and prior to storage. Use Expedite **[REDACTED]** 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. With extended use of this product, periodic cleaning of the lance head cap is recommended to prevent product buildup. Follow the procedure outlined in the equipment operating instructions for removing and replacing the head cap. 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 **[REDACTED]** 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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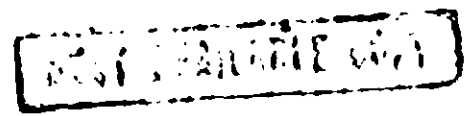
**WEEDS CONTROLLED**

When applied as recommended under the conditions described, this product provides POSTEMERGENCE control of many grasses and broadleaf weeds, including the following:

Bahiagrass  
 Barnyardgrass  
 Bentgrass  
 Bermudagrass\*  
 Bindweed, field\*  
 Bluegrass, annual  
 Brome, Downy  
 Bromegrass, smooth  
 Cheat  
 Chickweed  
 Clover: red, white  
 Crabgrass  
 Dallisgrass  
 Dandelion  
 Dock, curly  
 Foxtail  
 Geranium, Carolina  
 Goosegrass  
 Lambsquarters, common

Fescues  
 Johnsongrass  
 Lettuce, prickly  
 Nutsedge: purple, yellow  
 Mustard, tansy  
 Orchardgrass  
 Quackgrass  
 Pennycress, field  
 Pigweed: redroot, smooth  
 Ragweed, common  
 Ryegrass: annual, perennial  
 Sandbur, field  
 Shepherdspurse  
 Sowthistle  
 Stinkgrass  
 Thistle, Canada  
 Timothy  
 Vaseygrass

\*Partial control



When applied as recommended under the conditions described, this product provides PREEMERGENCE control of many broadleaf and grass weeds, including the following:

- |                                     |                        |
|-------------------------------------|------------------------|
| Barley, little                      | Morningglory*          |
| Barnyardgrass                       | Mustard: black, wild*  |
| Bittercress                         | Nightshade, black*     |
| Bluegrass, annual                   | Oat, wild              |
| Brachiaria                          | Panicum: fall, Texas   |
| Carpetgrass                         | Pigweed: prostrate,    |
| Chickweed, common                   | redroot, rough,        |
| Crabgrass: large, smooth            | spring, tumble         |
| Crowfootgrass                       | Puncturevine           |
| Cupgrass, southwestern              | Purslane, common       |
| Fiddleneck, coast                   | Pusley, Florida        |
| Filaree: redstem, whitestem         | Ragweed, common*       |
| Foxtail: bottlegrass, bristlegrass, | Rocket, London         |
| giant, green, robust, yellow        | Rockpurslane, desert   |
| Groundsel, common                   | Ryegrass, annual       |
| Henbit                              | Sandbur, field         |
| Horseweed*                          | Shepherdspurse         |
| Johnsongrass(seedling only)         | Smartweed*             |
| Junglerice                          | Sowthistle*            |
| Knotweed, prostrate                 | Sprangletop, red       |
| Ladysthumb*                         | Spurge, prostrate      |
| Lambsquarter                        | Spurge, spotted*       |
| Lettuce, prickly*                   | Teaweed(Prickly sida)* |
| Lovegrass: Mexican, orcutt          | Velvetleaf*            |
| Mallow, common*                     | Wheat, volunteer       |
| Milkweed, climbing*                 | Witchgrass             |
|                                     | Woodsorrel, yellow     |

\* This product provides suppression of these species.

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### 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.

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.

● Expedite and Multi Flow are registered trademarks of Nomin Chipman Limited, UK

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EPA Reg. No. 524-449

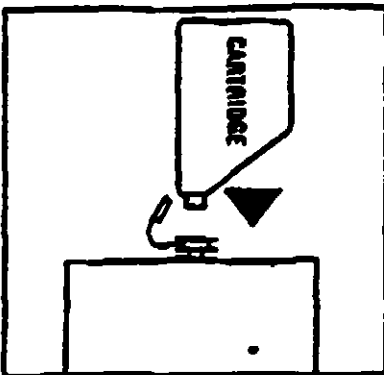
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In case of a human health emergency involving this product,  
Call Collect, day or night, (314) 694-4000.

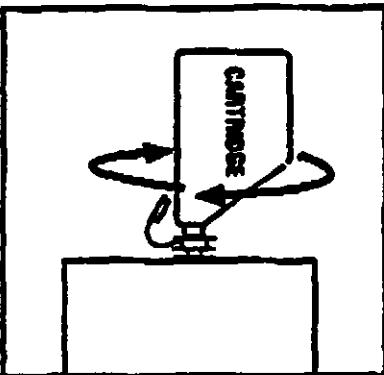
MONSANTO COMPANY  
AGRICULTURAL PRODUCTS  
ST. LOUIS, MISSOURI 63167 U.S.A.

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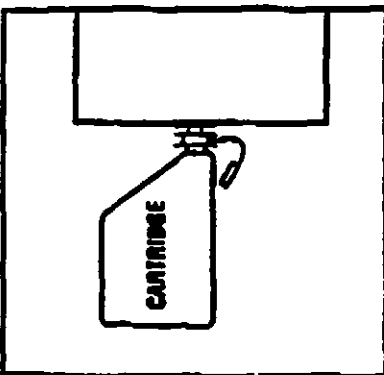
### TO REFILL



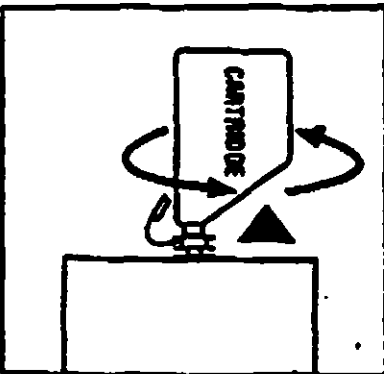
Align grooves of the Compact cartridge to ridges of the Big Five refill pack.



Twist the cartridge clockwise through 90° to lock the two containers and open valves.



Invert, ensuring the Big Five pack is uppermost and allow the cartridge to refill.



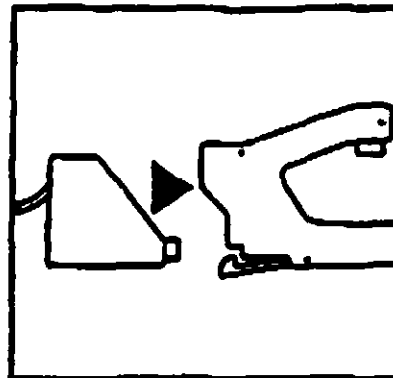
Unlock the packs by twisting anti-clockwise through 90° and disconnect.

Keep a cloth handy to wipe the nozzle of the refilled cartridge.

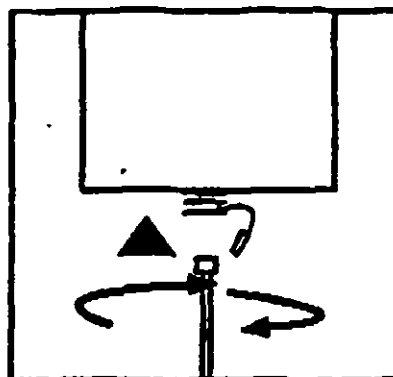
NOTE: Empty cartridges should only be refilled for one season. If your cartridges are empty, refill with the same herbicide as originally labeled.

### AS A BACKPACK

#### TO CONNECT

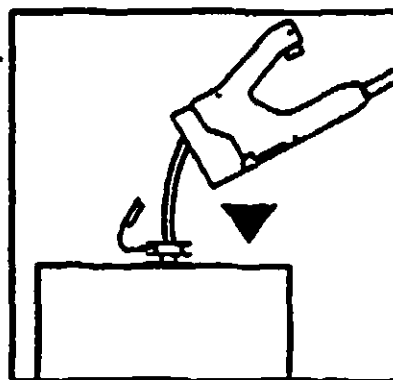


Insert Nomix Link-Up cassette into the Compact

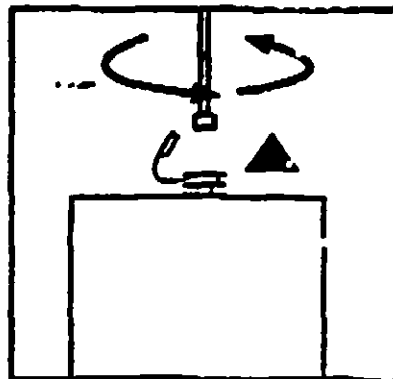


Insert Big Five into backpack. Connect to herbicide pack by aligning groove of pipe to ridges of Big Five and twist through 90° clockwise.

#### TO DISCONNECT



Raise Compact above backpack. Depress Compact trigger to drain herbicide through lance and into Big Five.



Unlock by twisting anti-clockwise through 90° and disconnect.

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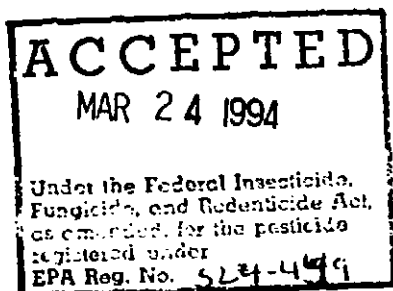
PM25 524-449

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**EXPEDITE® GRASS & WEED PLUS HERBICIDE**

**LABEL for 750 ml CONTAINER**

**Label registered July 12, 1991**



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**MONSANTO COMPANY**  
**St. Louis, Missouri 63167**  
**November, 1993**

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**EXPEDITE®  
GRASS & WEED PLUS RESIDUAL HERBICIDE  
by Monsanto**

**FOR NONSELECTIVE POSTEMERGENCE AND RESIDUAL CONTROL**

**Contains glyphosate, the active ingredient in Roundup® herbicide.**

**[The Roundup Logo]**

**Specially formulated for Expedite® Application Equipment.**

**Complete Directions for Use**

**EPA Reg. No. 524-449**

**Covers from 2,100 to 2,800 square feet.**

~~®<sup>TM</sup> Expedite is a registered trademark of, and used under license from, Nemix Plc.~~

~~®Roundup is a registered trademark of Monsanto Company.~~

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

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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 IS PROHIBITED. This container may be refilled with this product from 1 gallon containers specifically labeled for refilling. Follow refilling instructions on the side panel of the 1 gallon container.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

Keep out of reach of children.

**CAUTION!**

**HARMFUL IF INHALED.  
MAY CAUSE RESPIRATORY TRACT IRRITATION.**

Avoid breathing vapor or spray mist.

**Personal Protective Equipment:**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/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.

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**FIRST AID:**

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

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

**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 cleaning solutions.

**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 its isopropylamine salt . . . . .	12.4 %
* Oryzalin, 3,5-dinitro-N,N'-dipropylsulfanilamide . . . . .	11.8 %

INERT INGREDIENTS: . . . . .	75.8 %
	100.0%

Contains petroleum distillates.

\* Contains 125 grams per litre or 1.04 pounds per U.S. gallon of the active ingredient, glyphosate, in the form of its isopropylamine salt (Equivalent to 93 grams per litre or 0.77 pounds per U.S. gallon of the acid, glyphosate) and 120 grams per litre or 1.0 pounds per U.S. gallon of the active ingredient, oryzalin.

This product is protected by U.S. Patent No. 4,405,531. Other patents are pending. No license granted under any non-U.S. patent(s).

**BEST AVAILABLE COPY**

5061

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in any manner inconsistent with its labeling.  
For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**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 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. 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 plants, soil, or water, are:

- coveralls
- waterproof gloves
- shoes plus socks

**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.

60761

**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.

When container is completely emptied through Expedite application equipment or can no longer be refilled, 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.

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**General Information**

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This product is a mixture of a nonselective postemergence and a selective preemergence weed killer. Visible symptoms of postemergence control may require a week or more to appear, with complete browning usually occurring in 1 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. The preemergence portion of this product will remain stable on the soil surface up to 21 days. In the absence of timely rainfall for activation, irrigation can be used to move this product into the soil surface. If this product is not activated by rainfall or irrigation within 21 days of application, erratic preemergence weed control may result.

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

This product may be used as a directed application to control undesirable vegetation growing around established ornamentals, trees or shrubs. To avoid injury on desirable plants, prevent spray or drift contact with foliage, stems or green (immature) tree bark.



7/07/01

Do not apply this product where the likelihood of runoff onto lawn areas containing dichondra or cool-season turfgrass species exist as severe injury may occur.

Reseeding of desirable species should be delayed by 120 days following an application of this product.

Rainfall or irrigation within 2 hours after application may wash the product off plant foliage resulting in reduced post-emergent activity.

**THIS PRODUCT CAN INJURE OR DESTROY ALL VEGETATION CONTACTED. AVOID SPRAY CONTACT WITH THE FOLIAGE OF DESIRABLE TURF, ORNAMENTALS, SHRUBS OR TREES. DO NOT APPLY OVER THE TOP OF DESIRABLE PLANTS.**

---

### How to Apply

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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 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...G5) represent equipment settings for flow rates within the application range recommended for this product. If 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 in the range on established perennial weeds or where longer residual control is needed. For best results, make applications before weeds are allowed to form a dense canopy.

Best results are obtained when the spinner is producing a uniform spray pattern. This is obtained by holding the lance head as close as practical to the top of the weed canopy (less than 4 inches) and increasing the spinner speed to obtain the correct swath width. The square spinner is recommended for applying this product.

80601

**INSTRUCTIONS FOR SETTING UP AND CALIBRATION OF  
COMPACT MARK I**

**EXPEDITE® GRASS & WEED PLUS RESIDUAL HERBICIDE  
COMPACT MARK I APPLICATION GUIDE**

**SET-N-SPRAY SETTING**

SPINNER TYPE	SPRAY SWATH WIDTH	WALKING SPEED	
		1.5 MPH	2.25 MPH
Spiral Spinner	<6"	B2 to B4	B5 to C2
	6"	B5 to C3	C4 to D3
	6"		C1 to C4
	12"	D3 to E4	F1 to G3
Square Spinner	12"		D4 to E4
	18"	F1 to G3	G4 to *
	18"		F2 to G5
	24"		G5 to *

The recommended rate range for this product represents 6 to 8 pounds total active ingredient or 3 to 4 gallons of product per acre.

\* The flow rate through the equipment may not be adequate to apply the recommended rate at these walking speed and swath width combinations.

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**HOW TO CALIBRATE THE SPRAY LANCE**

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 speed column. For example, for a ~~1.5~~ 1.5 mph walking speed and a 12" swath width, ~~22 to 29~~ 22 to 29 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 slightly lower than the product container.
3. Remove the ~~spinner~~ 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. To remove the product from the Calibration ~~Flow~~ 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. If required, adjust the head setting and repeat the process until the desired Multi Flow units are obtained.
7. When the desired head setting is obtained, remove the Calibration ~~Flow~~ Cup and reattach the square spinner and follow the instructions in the "HOW TO APPLY" section on how to spray this product.

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EXPEDITE® GRASS & WEED PLUS RESIDUAL HERBICIDE  
~~CONTACT MARK~~ CALIBRATION GUIDE

30 SECOND MULTI FLOW® MEASUREMENT\*

SPINNER TYPE	SPRAY SWATH WIDTH	WALKING SPEED	
		1.5 MPH	2.25 MPH
Spiral Spinner	<del>6"</del>	<del>7 to 10</del>	<del>11 to 14</del>
	6"	11 to 14	16 to 22
	12"	22 to 29	32 to 43
Square Spinner	18"	32 to 43	48 to 65
	24"	43 to 57**	64 to 86**

The recommended rate range for this product represents 6 to 8 pounds total active ingredient or 3 to 4 gallons of product per acre.

\* One Multi Flow equals 0.8 Milliliter.

\*\* The flow rate through the equipment may not be adequate to apply the recommended rate at these walking speed and swath width combinations.

~~TM Multi Flow is a trademark of Nonix, Plc.~~

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**INSTRUCTIONS FOR THE APPLICATION AND CALIBRATION  
OF THE CONTACT MACHINES AND SPINNO**

**SPINNO**

**(ADAPTOR SPINNO)**

**SPINNO**

**Spiral  
Spinner**

6" 05 to 15

12" 05 to 15

**Square  
Spinner**

18" 05 to 15

24" 05 to \*

The recommended rate range for this product represents 6 to 8 pounds total active ingredient or 3 to 4 gallons of product per acre.

\* The flow rate through the equipment may not be adequate to apply the recommended rate at these walking speed and swath width combinations.

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EXPEDITE® GRASS-KILLER® HERBICIDE  
SET-N-SPRAY® WEEDS AND BRAMBLES GUIDE

[REDACTED]

SPINNER TYPE: [REDACTED]  
[REDACTED]

Spira Spinner 6" [REDACTED]

Spira Spinner

12" [REDACTED]

Spira Spinner 18" [REDACTED] 65 to 6" [REDACTED]

The recommended rate range for this product represents 6 to 16 pounds total active ingredient for 3 to 4 gallons of product per acre.

\* The flow rate through the equipment may not be adequate to apply the recommended rate at these walking speed and swath width combinations.

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**CALIBRATION INSTRUCTIONS FOR COMPACT MARK II AND CONTROL**

**HOW TO CALIBRATE**

1. Remove the spinner and attach the calibration flow cup.

2. Prime the lance by spraying into the spray gun until the lance is full of product.

3. Before calibration, always check the lance for any trapped air. To do this, the lance should be held vertically and depressed. The lance should be held vertically from the lance. Priming must be done with the lance head at least 10 cm above the product container.

4. Remove the spinner and attach the calibration flow cup.

5. Prime the calibration flow cup by spraying into the spray gun until the spray gun is full of product. To do this, the spray gun should be held vertically and depressed. To allow the product to flow back to the lance through the calibration flow cup.

6. Lower the lance head to the spraying position, depress the trigger for the required calibration time and check the measured volume matches the desired spray swath width line on the Calibration Flow cup.

7. If the measured volume does not match the line, adjust the Flow Rate control up or down and repeat the process until the desired volume is obtained.

8. To remove the product from the Calibration Flow Cup, raise the spray head to head height and depress the trigger. To allow the Calibration Flow Cup to empty, the lance should be held vertically. The lance should be held vertically until the Calibration Flow Cup is empty. The lance should be held vertically until the Calibration Flow Cup is empty.

9. When the desired flow rate is obtained, remove the calibration flow cup and reattach the desired spinner and follow the instructions in the "HOW TO APPLY" section on how to spray this product.

**Cleaning of Equipment**

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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 container, set the head setting to G+ and let the cleaner flow until it runs clear. Disconnect the lance from the cleaner container and remove the remaining cleaner from the lance. Do not drain cleaner back into the box. With extended use of this product, periodic cleaning of the lance head cap is recommended to prevent product buildup. Follow the procedure outlined in the equipment operating instructions for removing and replacing the head cap. 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.

**WEEDS CONTROLLED**

When applied as recommended under the conditions described, this product provides POSTEMERGENCE control of many grasses and broadleaf weeds, including the following:

- |                       |                             |                   |
|-----------------------|-----------------------------|-------------------|
| Bahiagrass            | Fescues                     | Johnsongrass      |
| Barnyardgrass         |                             |                   |
| Bentgrass             | Lettuce, prickly            |                   |
| Bermudagrass*         |                             | Nutsedge: purple, |
| yellow                |                             |                   |
| Bindweed, field*      | Mustard, tansy              |                   |
| Bluegrass, annual     | Orchardgrass                |                   |
| Brome, Downy          |                             | Quackgrass        |
| Bromegrass, smooth    | Pennycress, field           |                   |
| Cheat                 |                             | Pigweed: redroot, |
| smooth                |                             |                   |
| Chickweed             | Ragweed, common             |                   |
| Clover: red, white    | Ryegrass: annual, perennial |                   |
| Crabgrass             | Sandbur, field              |                   |
| Dallisgrass           | Shepherdspurse              |                   |
| Dandelion             | Sowthistle                  |                   |
| Dock, curly           | Stinkgrass                  |                   |
| Foxtail               | Thistle, Canada             |                   |
| Geranium, Carolina    | Timothy                     |                   |
| Goosegrass            | Vaseygrass                  |                   |
| Lambsquarters, common |                             |                   |

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\*Partial control

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When applied as recommended under the conditions described, this product provides PREEMERGENCE control of many broadleaf and grass weeds, including the following:

- |                                     |                        |
|-------------------------------------|------------------------|
| Barley, little                      | Morningglory*          |
| Barnyardgrass                       | Mustard: black, wild*  |
| Bittercress                         | Nightshade, black*     |
| Bluegrass, annual                   | Oat, wild              |
| Brachiaria                          | Panicum: fall, Texas   |
| Carpetgrass                         | Pigweed: prostrate,    |
| Chickweed, common                   | redroot, rough,        |
| Crabgrass: large, smooth            | spring, tumble         |
| Crowfootgrass                       | Puncturevine           |
| Cupgrass, southwestern              | Purslane, common       |
| Fiddleneck, coast                   | Pusley, Florida        |
| Filaree: redstem, whitestem         | Ragweed, common*       |
| Foxtail: bottlegrass, bristlegrass, | Rocket, London         |
| giant, green, robust, yellow        | Rockpurslane, desert   |
| Groundsel, common                   | Ryegrass, annual       |
| Henbit                              | Sandbur, field         |
| Horseweed*                          | Shepherdspurse         |
| Johnsongrass(seedling only)         | Smartweed*             |
| Junglerice                          | Sowthistle*            |
| Knotweed, prostrate                 | Sprangletop, red       |
| Ladysthumb*                         | Spurge, prostrate      |
| Lambsquarter                        | Spurge, spotted*       |
| Lettuce, prickly*                   | Teaweed(Prickly sida)* |
| Lovegrass: Mexican, orcutt          | Velvetleaf*            |
| Mallow, common*                     | Wheat, volunteer       |
| Milkweed, climbing*                 | Witchgrass             |
|                                     | Woodsorrel, yellow     |

\* This product provides suppression of these species.

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**LIMIT OF WARRANTY AND LIABILITY**

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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.

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.

• Expedite and Multi Flow are registered trademarks of Honix Chipman Limited, UK.

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EPA Reg. No. 524-449

©MONSANTO COMPANY 1993

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

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

2/10/61

**EXPEDITE® GRASS & WEED PLUS HERBICIDE**

**LABEL for 1 GALLON CONTAINER**

**Label registered July 12, 1991**

**ACCEPTED**  
**MAR 24 1994**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 524-449

**MONSANTO COMPANY**  
**St. Louis, Missouri 63167**  
**November, 1993**

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**EXPEDITE®  
GRASS & WEED PLUS RESIDUAL HERBICIDE  
by Monsanto**

**FOR NONSELECTIVE POSTEMERGENCE AND RESIDUAL CONTROL**

**Contains glyphosate, the active ingredient in Roundup® herbicide.**

**[The Roundup Logo]**

**Specially formulated for Expedite® ~~and Nomix~~™ Application Equipment.**

**Complete Directions for Use**

**EPA Reg. No. 524-449**

**Covers from 10,600 to 14,100 square feet.**

~~®TM Expedite is a registered trademark of, and used under license from, Nomix Plc.~~  
\*Roundup is a registered trademark of Monsanto Company.

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

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(G&WPNEW.GAL)

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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 IS PROHIBITED. This package may be used to refill 750 ml containers that are specifically labeled for refilling with this product. Follow refilling instructions on side panel of this container.

**PRECAUTIONARY STATEMENTS**

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**Hazards to Humans (and Domestic Animals)**

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Keep out of reach of children.

**CAUTION!**

**HARMFUL IF INHALED.  
MAY CAUSE RESPIRATORY TRACT IRRITATION.**

Avoid breathing vapor or spray mist.

Remove contaminated clothing and wash before reuse.

**Personal Protective Equipment:**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

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

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**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.

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(G&WPNEW.GAL)

12.06.93

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

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

**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 cleaning solutions.

**Physical or Chemical Hazards**

Apply this product ONLY through Expedite ~~and Normal~~ 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 its isopropylamine salt ..... 12.4 %
- \* Oryzalin, 3,5-dinitro-N',N'-dipropylsulfanilamide ..... 11.8 %

INERT INGREDIENTS: ..... 75.8 %  
100.0 %

Contains petroleum distillates.

- \* Contains 125 grams per litre or 1.04 pounds per U.S. gallon of the active ingredient, glyphosate, in the form of its isopropylamine salt (Equivalent to 93 grams per litre or 0.77 pounds per U.S. gallon of the acid, glyphosate) and 120 grams per litre or 1.0 pounds per U.S. gallon of the active ingredient, oryzalin.

This product is protected by U.S. Patent No. 4,405,531. Other patents are pending. No license granted under any non-U.S. patent(s).

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260/61

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**DIRECTIONS FOR USE**

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

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**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 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.

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 plants, soil, or water, are:

- coveralls
- waterproof gloves
- shoes plus socks

**Storage and Disposal**

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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.

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12.06.93

280/61

**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, 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 mixture of a nonselective postemergence and a selective preemergence weed killer. Visible symptoms of postemergence control may require a week or more to appear, with complete browning usually occurring in 1 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.

The preemergence portion of this product will remain stable on the soil surface up to 21 days. In the absence of timely rainfall for activation, irrigation can be used to move this product into the soil surface. If this product is not activated by rainfall or irrigation within 21 days of application, erratic preemergence weed control may result.

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

This product may be used as a directed application to control undesirable vegetation growing around established ornamentals, trees or shrubs. To avoid injury on desirable plants, prevent spray or drift contact with foliage, stems or green (immature) tree bark.

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(G&WPNW.GAL)

12.06.93

Do not apply this product where the likelihood of runoff onto lawn areas containing dichondra or cool-season turfgrass species exist as severe injury may occur.

Reseeding of desirable species should be delayed by 120 days following an application of this product.

Rainfall or irrigation within 2 hours after application may wash the product off plant foliage resulting in reduced postemergence activity.

**THIS PRODUCT CAN INJURE OR DESTROY ALL VEGETATION CONTACTED. AVOID SPRAY CONTACT WITH THE FOLIAGE OF DESIRABLE TURF, ORNAMENTALS, SHRUBS OR TREES. DO NOT APPLY OVER THE TOP OF DESIRABLE PLANTS.**

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### How to Apply

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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 ~~and Noms~~ application equipment when applying this product.

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...G5) represent equipment settings for flow rates within the application range recommended for this product. If 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 in the range on established perennial weeds or where longer residual control is needed. For best results, make applications before weeds are allowed to form a dense canopy.

When the desired head setting is obtained, install the spinner as indicated in the following guide. Best results are obtained when the spinner is producing a uniform spray pattern. This is obtained by holding the lance head as close as practical to the top of the weed canopy (less than 4 inches) and increasing the spinner speed to obtain the correct swath width. The square spinner is recommended for applying this product.

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300461

**INSTRUCTIONS FOR SETTING UP AND CALIBRATION OF  
COMPACT MARK AND EXPEDITE**

**EXPEDITE • GRASS & WEED PLUS RESIDUAL HERBICIDE  
APPLICATION GUIDE**

**SET-N-SPRAY SETTINGS**

SPINNER TYPE	SPRAY	
	WIDTH	WALKING SPEED
	1.5 MPH	2.25 MPH

Spiral Spinner	6" — B2 to B4 — B5 to C3
	6" — B3 to B5

	12" — C3 to D2 — D3 to F2
	12" — C3 to D4

Square Spinner	18" — D3 to F2 — G4 to *
	18" — D5 to G1

	24" — F5 to *
--	---------------

The recommended rate range for this product represents 6 to 8 pounds total active ingredient or 3 to 4 gallons of product per acre.

\* The flow rate through the equipment may not be adequate to apply the recommended rates at these walking speed and width combinations.

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3/10/61

**EXPEDITE® GRASS & WEED PLUS RESIDUAL HERBICIDE  
EXPEDITE APPLICATION GUIDE**

[REDACTED]

**SPINNER TYPE** SPR 6" [REDACTED]  
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]  
[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

6" [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

**Spiral Spinner** 12" [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

**Square Spinner** 18" [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

**Spinner** [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]  
24" [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

**Serrated Spinner** 30" [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

**Spinner** [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]  
36" [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]

The recommended rate range for this product represents 6 to 8 pounds total active ingredient or 3 to 4 gallons of product per acre.

\* The flow rate through the equipment is not adequate to apply the recommended rates at these walking speed and swath width combinations.

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**HOW TO CALIBRATE  
THE COMPACT MARK AND EXPEDITE**

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 speed column. For example, for ~~12" swath width~~ a ~~15~~ 15 mph walking speed and a 12" swath width, ~~22 to 29~~ 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 spinner 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. To remove the product from the Calibration Flow 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. If required, adjust the head setting and repeat the process until the desired Multi Flow units are obtained.
7. When the desired head setting is obtained, remove the Calibration Flow Cup and reattach the ~~desired~~ square spinner and follow the instructions in the "HOW TO APPLY" section on how to spray this product.

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EXPEDITE® GRASS & WEED PLUS RESIDUAL HERBICIDE  
~~COMPACT MARKET~~ CALIBRATION GUIDE

30 SECOND MULTI FLOW® MEASUREMENT\*

SPINNER TYPE	SPRAY	
	WIDTH	SWATH WALKING SPEED
		1.5 MPH                      2.25 MPH
	6"	11 to 14                      16 to 22
Spiral Spinner	12"	22 to 29                      32 to 43
Square Spinner	18"	32 to 43                      48 to 65**
	24"	65 to 85**

The recommended rate range for this product represents 6 to 8 pounds total active ingredient or 3 to 4 gallons of product per acre.

- \* One Multi Flow equals 0.8 Milliliter.
- \*\* The flow rate through the equipment may not be adequate to apply the recommended rates at these walking speed and swath width combinations.

~~TM Multi Flow is a trademark of Nomix, Plc.~~

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**EXPEDITE® GRASS WEED PLUS RESIDUAL HERBICIDE  
EXPEDITE CALIBRATION GUIDE**

[REDACTED]

**SPINNER STRIP  
TYPE**

[REDACTED]

[REDACTED]

**Spiral  
Spinner**

[REDACTED]

**Square  
Spinner**

18" 32 to 43 43 to 57 54 to 72 72 to 86

24" 43 to 57 57 to 72 72 to 86 86 to 113

**Serrated  
Spinner**

30" 54 to 72 72 to 96\*\* 96 to 119\*\* 108 to 143\*\*

36" 65 to 86 86 to 114\*\* 108 to 144\*\* 129 to 173\*\*

The recommended rate range for this product represents 6 to 8 pounds total active ingredient or 3 to 4 gallons of product per acre.

- \* One Milti Flow equals 0.8 Milliliter
- \*\* The flow rate through the equipment may not be adequate to apply the recommended rates at these walking speed and swath width combinations

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**INSTRUCTIONS FOR THE SETTING UP AND CALIBRATION  
OF THE COMPACT MARK II**

**SPINNER TYPE**      **SWATH WIDTH**      **OPERATION TIME**

**SPINNER TYPE**      **SWATH WIDTH**      **OPERATION TIME**

**Spiral Spinner**      **6"**      **C4 to D2**

**12"**      **E4 to F4**

**Square Spinner**      **18"**      **G2 to "**

The recommended rate range for this product represents 6 to 8 pounds total active ingredient or 3 to 4 gallons of product per acre.

\* The flow rate through the equipment is not adequate to apply the recommended rates at these walking speed and swath width combinations.

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**CALIBRATION INSTRUCTIONS FOR COMPASS MARK**

**HOW TO CALIBRATE**

1. Remove the spinner and attach the Calibration Flow Cup.

2. Raise the lance head to the spraying position, depress the trigger for 3 seconds. The product should be delivered and depress the trigger to allow the product to flow back to the zero line of the Calibration Flow Cup.

3. Before calibrating, the lance should be primed. A primer should be applied to the lance. The Flow Rate control should be set to the desired spray swath. The lance should be held at the spraying position for a few seconds before the calibration process begins. The lance should be held at the spraying position for a few seconds before the calibration process begins.

4. Remove the spinner and attach the Calibration Flow Cup.

5. Raise the lance head to the spraying position, depress the trigger for 3 seconds. The product should be delivered and depress the trigger to allow the product to flow back to the zero line of the Calibration Flow Cup.

6. Lower the lance head to the spraying position, depress the trigger for the required calibration time and check the measured volume matches the desired spray swath width line on the Calibration Flow Cup.

7. If the measured volume does not match the line, adjust the Flow Rate control up or down and repeat the process until the desired volume is obtained.

8. To remove the product from the Calibration Flow Cup, raise the spray head to head height and depress the trigger to allow the Calibration Flow Cup to empty. Do not allow air to reach the lance. If air enters the lance, the Flow Rate window empties, the lance must be reprimed.

9. When the desired flow rate is obtained, remove the Calibration Flow Cup and reattach the desired spinner and follow the instructions in the HOW TO APPLY section on how to spray this product.

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### Cleaning of Equipment

The Expedite ~~and Norm~~ application equipment must be cleaned after each use and prior to storage. Use Expedite ~~and Norm~~ 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. With extended use of this product, periodic cleaning of the lance head cap is recommended to prevent product buildup. Follow the procedure outlined in the equipment operating instructions for removing and replacing the head cap. 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 ~~and Norm~~ 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.

### WEEDS CONTROLLED

When applied as recommended under the conditions described, this product provides POSTEMERGENCE control of many grasses and broadleaf weeds, including the following:

Bahiagrass	Fescues
Barnyardgrass	Johnsongrass
Bentgrass	Lettuce, prickly
Bermudagrass*	Nutsedge: purple, yellow
Bindweed, field*	Mustard, tansy
Bluegrass, annual	Orchardgrass
Brome, Downy	Quackgrass
Bromegrass, smooth	Pennycress, field
Cheat	Pigweed: redroot, smooth
Chickweed	Ragweed, common
Clover: red, white	Ryegrass: annual, perennial
Crabgrass	Sandbur, field
Dallisgrass	Shepherdspurse
Dandelion	Sowthistle
Dock, curly	Stinkgrass
Foxtail	Thistle, Canada
Geranium, Carolina	Timothy
Goosegrass	Vaseygrass
Lambsquarters, common	

\*Partial control

When applied as recommended under the conditions described, this product provides PREEMERGENCE control of many broadleaf and grass weeds, including the following:

Barley, little	Morningglory*
Barnyardgrass	Mustard: black, wild*
Bittercress	Nightshade, black*
Bluegrass, annual	Oat, wild
Brachiaria	Panicum: fall, Texas
Carpetgrass	Pigweed: prostrate,
Chickweed, common	redroot, rough,
Crabgrass: large, smooth	spring, tumble
Crowfootgrass	Puncturevine
Cupgrass, southwestern	Purslane, common
Fiddleneck, coast	Pusley, Florida
Filaree: redstem, whitestem	Ragweed, common*
Foxtail: bottlegrass, bristlegrass,	Rocket, London
giant, green, robust, yellow	Rockpurslane, desert
Groundsel, common	Ryegrass, annual
Henbit	Sandbur, field
Horseweed*	Shepherdspurse
Johnsongrass(seedling only)	Smartweed*
Junglerice	Sowthistle*
Knotweed, prostrate	Sprangletop, red
Ladysthumb*	Spurge, prostrate
Lambsquarter	Spurge, spotted*
Lettuce, prickly*	Teaweed(Prickly sida)*
Lovegrass: Mexican, orcutt	Velvetleaf*
Mallow, common*	Wheat, volunteer
Milkweed, climbing*	Witchgrass
	Woodsorrel, yellow

\*This product provides suppression of these species.



390/101

**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.

**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.

● **Expedite and Multi Flow are registered trademarks of Nomb Chipman Limited, UK.**

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12.06.93

EPA Reg. No. 524-449

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

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

410/b1

**EXPEDITE® GRASS & WEED PLUS HERBICIDE**

**LABEL for 1.32 GALLON CONTAINER**

**Label registered July 12, 1991**

**ACCEPTED**  
**MAR 24 1994**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 524-444

**MONSANTO COMPANY**  
**St. Louis, Missouri 63167**  
**November, 1993**

42061

**EXPEDITE**  
**GRASS & WEED PLUS RESIDUAL HERBICIDE**  
by Monsanto  
**FOR NONSELECTIVE POSTEMERGENCE AND RESIDUAL CONTROL**

Contains glyphosate, the active ingredient in Roundup® herbicide.

[The Roundup Logo]

Specially formulated for Expedite® ~~Application Equipment~~™ Application Equipment.

Complete Directions for Use

EPA Reg. No. 524-449

Covers from 14,000 to 19,000 square feet.

~~• Expedite and Multi Flow are registered trademarks of Nomix Shipman Limited, UK~~  
~~•™ Expedite is a registered trademark of, and used under license from, Nomix Plc.~~  
• Roundup is a registered trademark of Monsanto Company.

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

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(G&WPNEW.5LT)

12.06.93

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.**  
in refill/50 ml containers...  
refilling units...

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans (and Domestic Animals)**

Keep out of reach of children.

**CAUTION!**

**HARMFUL IF INHALED.  
MAY CAUSE RESPIRATORY TRACT IRRITATION.**

Avoid breathing vapor or spray mist.

**Personal Protective Equipment:**

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

**BEST AVAILABLE COPY**

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