1999/2004

((LABEL))

EXPEDITE (TM)

GRASS & WEED HERBICIDE

by Monsanto

Specially formulated for Expedite (TM) Application Equipment

INDUSTRIAL

SHAKE WELL BEFORE USING

READ THE LABEL AND ATTACHED BROCHURE BEFORE USING.

DANGER EYE IRRITANT

GUARANTEE:

Glyphosate, 147 grams per litre present as isopropylamine salt.

Read Notice Before Buying or Using.

If Notice Terms are not acceptable, return at once unopened.

REGISTRATION NO. 21593

PEST CONTROL PRODUCTS ACT

Notification Change

MONSANTO CANADA INC.

P.O. Box 667

Mississauga, Ontario

L5M 2C2

900 - One Research Road Winnipeg, MB R3T 6E3

NOMIX CHIPMAN
c/o PLANT PRODUCTS CO LTD
314 Orenda Road
Brampton, Ontario
L6T 1G1

Tel: (905) 793-7000 Fax: (905) 793-9157

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or flame. Use only with adequate ventilation. In case of FIRE: use water spray, foam, dry chemical or CO2. Wear a self- contained breathing apparatus and full protective clothing.

Apply this product ONLY through the Expedite (TM) 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.

ENVIRONMENTAL HAZARDS

Avoid direct applications to any body of water. Do not contaminate water by disposal of waste or cleaning of equipment.

STORAGE AND DISPOSAL

Avoid contamination of seed, feed, and foodstuffs. Store this product in its original container and in a secure, well-ventilated storage area away from heat or flame. Soak up small amount with absorbent clays.

Follow provincial instructions for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO BUYER

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

NOTICE TO USER

This control product is to be used only in accordance with the directions in this label and attached booklet. It is an offense under the Pest Control Products Act to use a control product under unsafe conditions.

PRECAUTION !

Keep out of reach of children. CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY. HARMFUL IF SWALLOWED OR INHALED. MAY CAUSE RESPIRATORY TRACT IRRITATION. Wear goggles, face shield or safety glasses during application. Avoid contact with eyes or prolonged contact with skin.

Avoid breathing vapour or spray mist. Wear chemical impervious gloves and boots at all times.

Excessive exposure to vapours may cause temporary dizziness and/or nausea.

FIRST AID: IF IN EYES, immediately flush with plenty of water for at least 15 minutes. Get medical attention or contact a poison control centre. IF ON SKIN, wash with plenty of soap and water. Remove contaminated clothing. Wash clothing before re-use. Get medical attention or contact a poison control centre if irritation persists.

IF INHALED, remove individual to fresh air. Seek medical attention or contact a poison control centre 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. DO NOT INDUCE VOMITING. Avoid alcohol. Get medical attention or contact a poison control centre.

Contains petroleum distillates.

Take container, label or product name and Pest Control Product Registration Number with you when seeking 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:

CANUTEC.....(613) 996-6666

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Expedite (TM) is a trademark of, and used under license from, Nomix Plc.

MONSANTO CANADA INC. is a proposed registered user.

DO NOT APPLY BY AIR.

NET CONTENTS 5 L

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INDUSTRIAL

Specially formulated for Expedite System

SHAKE WELL BEFORE USING

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1999-1 875.15-200.67/53

Distributed by:
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Toronto Winnipeg Saskatoon Red Deer

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Contains petroleum distillates.

Take container, label or product name and Pest Control Product

Registration Number with you when seeking medical attention.

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

Avoid direct applications to any body of water. Do not contaminate water by disposal of waste or cleaning equipment.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or flame.

Use only with adequate ventilation.

In case of: FIRE, use water spray, foam, dry chemical or CO2. Wear a self-contained breathing apparatus and full protective clothing.

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STORAGE AND DISPOSAL

Avoid contamination of seed, feed, and foodstuffs.

Store this product between 0'C and 38'C in its original container and in a secure, well-ventilated storage area away from heat or flame.

Soak up small amount with absorbent clays.

Follow provincial instructions for any required additional cleaning of the container prior to its disposal.

Make the empty container unsuitable for further use.

Dispose of the container in accordance with provincial requirements.

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NOTICE TO BUYER

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NOTICE TO USER: This control product is to be used only in accordance with the directions in this brochure. It is an offense under the Pest

Control Products Act to use a control product under unsafe conditions.

GENERAL INFORMATION

This product is a nonselective weed killer that is applied using the Expedite system 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 or industrial vegetation management in areas such as airports; golf courses; highways and roadsides; industrial plant sites; institutional sites; lumberyards; municipalities; nurseries; parking areas; recreational sites (including athletic fields, parks, playgrounds); petroleum tank farms; pipeline, power, telephone and utility rights-of-way; and storage areas and other non-crop sites; and prior to planting turfgrasses, shrubs, flower beds or vegetables.

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

Blue Grass (annual)
Poa annua

Brome, downy
Bromus tectorum

Buckwheat, wild Polygonum convolvulus

Crabgrass Digitaria sanguinalis

Foxtail, green Setaria viridis

Kochia Kochia scoparia

Lady's-Thumb

Mustard, common Brassica kaber

Oats, wild Avena fatua

Pigweed, red root Amaranthus retroflexus

Ragweed, common Ambrosia artemisiifolia

Shepherdpurse Capsella bursa-pastoris

Sowthistle, annual Sonchus oleraceus

Thistle, Russian

Polygonum persicaria

Salsola kali

Lambsquarters, common Chenopodium album

Vetch, narrow-leaved Vicia angustifolia

Lettuce, prickly Lactuca scariola

Annual weeds generally will continue to germinate from seed throughout the growing season. Repeat treatments may be necessary to control the later germinating weeds.

PERENNIAL WEEDS

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

Bindweed, field Convolvulus arvensis Milkweed, common Asclepias syriaca

Bluegrass, Canada Poa compressa Nutsedge, yellow Cyperus esculentus

Bluegrass, Kentucky Poa pratensis

Poison Ivy Rhus radicans

Brome grass, smooth Bromus inermis

Quackgrass

Agropyron repens

Cattail, common Typha latifolia Sowthistle, perennial Sonchus arvensis

Cress, hoary Cardaria draba Thistle, Canada Cirsium arvense

Dock, curled Rumex crispus

Toadflax

Dogbane, hemp Apocynum cannabinum Linaria vulgaris

Knotweed, Japanese

Wormwood, absinth Artemisia absinthium

Knotweed, Japanese Polygonum cuspidatum

WOODY BRUSH

A partial list of brush species includes:

Alder

Poplar

Alnus spp.

Populus spp.

Birch

Raspberry/Salmonberry

Betula spp.

Rubus spp.

Cherry Prunus spp. Snowberry, Western Sumphoricarpos occidentalis

Maple Acer spp.

Willow Salix spp.

NOTE: Do not apply to weed/brush species greater than 60 cm (24 in.) in height.

Repeat treatments may be necessary to control weeds regenerating from underground parts or seed.

HOW TO APPLY

For control or suppression of weeds listed in this label apply this product at the flow rates listed in the following chart. Apply as a uniform spray over undesired vegetation. Use only Expedite application equipment when applying this product. Do not spray during windy conditions, as spray drift or swath displacement may cause damage to any vegetation contacted. See the "HOW TO CALIBRATE" section of this label for more information.

HOW TO CALIBRATE

- 1. Expedite application equipment should be calibrated prior to each use of the product.
- 2. Determine walking speed and select the desired spray width.
- 3. Find where the walking speed column intersects the spray width row on the calibration quide.
- 4. Where the row and column intersect are numbers for the Multi-Flow(TM) units needed to deliver the desired rate.
- 5. 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.
- 6. Once the unit is primed, attach the Expedite calibration flow cup to the Expedite equipment. Remove spray disc, if attached.
- 7. Lower the lance head with attached calibration cup to spraying position. Depress the trigger with the power on, and collect product for 30 seconds.
- 8. Check the amount of product collected by turning the calibration cup upside down (cup still attached to spray unit) and reading the measurement. The amount of product collected should fall within the rate range selected for control of the desired weed species.
- 9. Raise the lance tip above head level with the calibration cup upside down, and depress the trigger long enough to allow product

to flow back into the lance.

- 10. Repeat procedure, changing the Multi-Flow(TM) setting on the spray head, until the correct volume is obtained.
- 11. If the temperature changes by 10'C or more during application, recalibrate for the desired application rate.

NOTE: When a mixture of weeds is present, calibrate for the weeds requiring the highest flow rate.

EXPEDITE(R) GRASS AND WEED HERBICIDE CALIBRATION GUIDE ANNUAL WEEDS

SPRAY SWATH WIDTH (Cm)	Multi Flow(TM) Measurement* per 30 seconds at various walking speeds:			
	2.4 km/hr (1.5 mph)	3.2 km/hr (2.0 mph)	4.0 km/hr (2.5 mph)	4.8 km/hr (3 mph)
Roll'n'Edger	A1**	A1	A1	A1
(5 cm)	1	1	1 -2	2
15	A1	A1	A1	A1
	2 - 3	3 - 4	4 - 5	5 - 6
23	A1	A1	A1	A2
	3 - 5	4 - 7	6 - 8	7 - 10
30	A1	A1	A2	A3
	4 - 6	6 - 9	8 - 11	9 - 13
38	A1	A2	A3	A5
	6 - 8	8 - 11	10 - 14	12 - 16
46	A2	A3	A5	B1
	7 - 10	10 - 13	12 - 16	14 - 20
53	A2	A4	B1	B2
	8 - 11	11 - 15	14 - 19	16 - 23
60	A3	A5	B2	B3
	9 - 13	12 - 17	15 - 21	18 - 26
90	B1	B3	B5	C1
	14 - 19	18 - 26	23 - 32	27 - 39

^{*} One Multi Flow unit equals 0.8 mL.

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.

^{**} Letters indicate the settings on the spray head to use when calibrating for the desired flow rate.

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QUACKGRASS, CANADA THISTLE, WOODY BRUSH

SPRAY SWATH WIDTH (cm)	Multi Flow(TM) Measurement per 30 seconds at various walking speeds:			
	2.4 km/hr (1.5 mph)	3.2 km/hr (2.0 mph)	4.0 km/hr (2.5 mph)	4.8 km/hr (3 mph)
Roll'n'Edger	A1	A1	A1	A1
(5 cm)	1 - 2	2 - 3	2 - 4	2 - 5
15	A1	A1	A2	A3
	3 - 7	4 - 9	5 - 11	6 - 13
23	A2	A3	A5	B1
	5 - 10	6 - 13	8 - 16	10 - 20
30	A3	A5	B1	B3
	6 - 13	8 - 18	11 - 22	13 - 26
38	A5	B1	B3	B5
	8 - 16	11 - 22	14 - 27	16 - 33
46	B1	B3	B5	C1
	10 - 20	13 - 27	16 - 33	20 - 39
53	B2	B4	C1	C3
	11 - 23	15 - 31	19 - 38	23 - 45
60	B3	B5	C2	C5
	13 - 26	17 - 35	21 - 43	26 - 51
90	C1	C5	D3	E3
	19 - 39	25 - 52	32 - 65	39 - 77

Use the lower rate when treating small actively growing brush. Use the higher range for thistle and quackgrass.

OTHER PERENNIALS

SPRAY SWATH WIDTH (cm)	Multi Flow(TM) Measurement per 30 seconds at various walking speeds:			
	2.4 km/hr (1.5 mph)	3.2 km/hr (2.0 mph)	4.0 km/hr (2.5 mph)	4.8 km/hr (3 mph)
Roll'n'Edger	A1	A1	A1	A1
(5 cm)	2 - 3	3 - 5	4 - 6	4 - 7
15	A2	A3	A5	B1
	7 - 11	9 - 14	11 - 18	13 - 22

23	A5	B2	B3	B5
	10 - 17	13 - 23	16 - 28	20 - 34
30	B2	B4	C1	C2
	13 - 22	17 - 30	22 - 37	26 - 44
38	B3	C1	C3	D1
	16 - 28	21 - 37	27 - 46	33 - 55
46	B5	C3	D1	D4
	20 - 34	26 - 45	33 - 56	39 - 67
53	C1	C5	D3	E3
	23 - 39	30 - 52	38 - 64	45 - 77
60	C2	D2	E2	F1
	26 - 44	34 - 59	43 - 73	51 - 87
90	D3	F1	F3	G1
	39 - 66	52 - 88	65 - 109	77 - 131

Increase the rate within the recommended range as height and density of vegetation increase.

Use the higher number for hard-to-control broadleaf perennials.

WHEN TO APPLY

Apply to vigorously growing plants. Apply to undesirable grasses and broadleaf weeds anytime after emergence and when sufficient foliage is present for good spray interception. After mowing, clipping 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, clipping, 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.

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 directed 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.

CLEANING OF EQUIPMENT

The Expedite system 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 the Expedite system.

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

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