

239-2640

03/25/1999

1/19

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval Expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

- Registration
- Amendment
- Other

OPP Identifier Number  
**266207**

### Application for Pesticide - Section I

1. Company/Product Number <b>239-2640</b>	2. EPA Product Manager <b>Joanne Miller</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Roundup Rainfast Concentrate Weed & Grass Killer	PM # <b>(PM 23)</b>	
5. Name and Address of Applicant (Include ZIP Code) <b>The SOLARIS Group of Monsanto P. O. Box 5006 San Ramon, CA 94583-0906</b>	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Check if this is a new address

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b> <b>MAR 25 1999</b>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification: Add: 1) alternate sprayer directions for alternate sprayer, and 2) add information on packaging. Both on page 4 of label.

"This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

### Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____					

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name <b>Grace D. Bourke</b>	Title <b>Registration Specialist</b>	Telephone No. (Include Area Code) <b>925-355-3336</b>
2. Signature 		6. Date Application Received (Stamped)
3. Title <b>Regulatory Affairs</b>		
4. Typed Name <b>Grace D. Bourke</b>	5. Date <b>March 18, 1999</b>	

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

2/19

GREENSWEEP® WEED & FEED 20-0-0

NOTIFICATION

EPA Reg No: 239-2640

MAR 25 1999

ABN: ORTHO YARD BASICS™ LAWN WEED & FEED

[Editor's note: Claims and text for Lock 'N Spray applicator appears after the standard label, starting on page 8]

[Editorial note: Some claims for Lock 'N Spray appear with the standard packaging and some appear in the Lock 'N Spray subset label. Precautionary, Storage and signature line appear both for base packaging and for Lock 'N Spray.

LIQUID LAWN CARE  
READY-TO-USE NO MIXING  
READY TO SPRAY

[9/15/98 Notification: Add claim] Fast Acting

[9/15/98 Notification: Alternate text] Covers /Treats up to 10,000 Sq Ft (1/2 gal) / 5000 Sq Ft (qt)

Read directions for different grasses

Water based [water icon]

Outdoor Use Only [outdoor icon]

Fertilizes your lawn / For lawns

Do not use on Floratam Lawns

[READY-SPRAY™APPLICATOR ONLY]Ready-To-Use concentrate mixes automatically with water through the attached hose-end sprayer. Attach to a garden hose, turn on water, and spray.

A Quick and Easy Way to a Beautiful / Quality Lawn.

Gives your lawn a quick boost of nitrogen while controlling broadleaf weeds

Gives your lawn a quick feeding while controlling broadleaf weeds

Quickly feeds your lawn while controlling broadleaf weeds

Fertilizes lawns and kills broadleaf weeds

Concentrate

Active Ingredients: [11/17/97 Notification]

2,4-D, Dimethylamine Salt \* of 2,4-Dichlorophenoxyacetic Acid ..... 2.29%

Mecoprop, Dimethylamine Salt \*\* of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid ..... 2.30%

Dichlorprop. [3/20/98 Notification] Dimethylamine Salt \*\*\* Dimethylamine Salt of 2-(2,4-Dichlorophenoxy)propionic Acid ..... 2.26%

[9/15/98 Notification] Other Inert Ingredients: ..... 93.15%

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS

[9/15/98 Notification] Press to reseal.

NET CONTENTS:

NET WEIGHT:

1/2 gal (64 fl oz) 1.89 l

4.6 lb (2.089 kg) [10/26/98 Notification: Correct weight, per Diane Wong correct weight is 2.0865; rounded down to 2.08]

notification: Correct weight, per Diane Wong correct weight is 2.0865; rounded down to 2.08

1 qt (32 fl oz) 946 mL

2.3 lb (1.04 kg)

3/19

**GREENSWEEP® WEED & FEED 20-0-0**

**EPA Reg No: 239-2640**

1 pt	(16 fl oz)	473 mL	1.15 lb	(0.52 Kg)
1 1/2 qt	(48 fl oz)	1.42 l	3.45 lb	(1.6 kg)

OPEN RESEALABLE LABEL FOR DIRECTIONS AND PRECAUTIONS [in arrow format]

**GUARANTEED ANALYSIS:**

Total Nitrogen (N) .....20%

20% Urea Nitrogen

Primary Plant Nutrient source: Urea

Fertilizer content guaranteed by SOLARIS

1138-1103 (WNF) 1138-1109 (YB) 1138-1110 (GS WNF 20-0-0)

[9/15/98 Notification: Add claim] GREENSWEEP liquid formula allows faster absorption and quicker results. A beautiful, weed-free lawn is just a spray away.

Goof Proof, GOOF PROOF™ Results: Purchase price refunded if unsatisfied

Controls broadleaf weeds and gives your lawn a quick feeding boost of nitrogen. When used as directed this product will supplement your regular fertilizer program. Use on Bluegrass, Fescue, Ryegrasses, Bentgrass, Bahia, Common Bermuda, Centipede, Zoysia and Common St. Augustine grasses. Do not use on Floratam or other improved varieties of St. Augustinegrass, Do not spray on Buffalo grass, Dichondra, Lippia, or desirable clovers. For grass lawns only. Do not use this product on flower or vegetable beds, or around shrubs, trees or ornamental plantings. Specially formulated for residential use.

(or)

Use GREENSWEEP Weed & Feed to kill broadleaf weeds in lawns including Dandelion, Clover, Oxalis, Chickweed, Knotweed, Plantain, Henbit, Spurge and many others, Won't harm Bahia, Bentgrass, Bermuda, Bluegrass, Centipede, Fescue, Rye or Zoysia. Can also be used on St. Augustine EXCEPT Floratam. For grass lawns only. Controls broadleaf weeds and gives your lawn a quick feeding boost of nitrogen. When used as directed this product will supplement your regular fertilizer program. Specially formulated for residential use.

[9/15/98 Notification: Alternate text, reworded for clarity] Use on bluegrass, fescue, ryegrass, bentgrass, bahiagrass, common Bermudagrass, centipedegrass, zoysiagrass and St. Augustinegrass (EXCEPT Floratam). When used as directed GreenSweep supplements your regular fertilizer program.

or  
[1/27/99 Notification] GreenSweep Weed & Feed fertilizes lawns and kills broadleaf weeds in one easy step.

Covers 3300-5000 (quart) /1650-2500(pint) square feet depending on lawn variety. See inside booklet for complete instructions.

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin or clothing. SEE ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS INSIDE

GREENSWEEP® WEED & FEED 20-0-0

EPA Reg No: 239-2640

BOOKLET.

or SEE PRECAUTIONARY STATEMENTS AND DIRECTIONS INSIDE BOOKLET.

or OPEN RESEALABLE LABEL FOR DIRECTIONS AND PRECAUTIONS [in arrow format]

☞ PULL HERE TO OPEN LABEL PRESS HERE TO RESEAL.

This product contains:

*2,4-Dichlorophenoxyacetic Acid .....	1.9%, .18 lb/gal
**2-(2-Methyl-4-Chlorophenoxy) propionic Acid .....	1.9%, .18 lb/gal
***2-(2,4-Dichlorophenoxy) propionic Acid .....	1.9%, .18 lb/gal

Isomer Specific AOAC Method No. 6.321.

[9/15/98 Notification: Delete duplicate text. This information appears at the end of the label]

~~☞ Medical Information call 1-800-454-2333~~

~~Product Information call 1-800-225-2883~~

Manufactured for  
 The SOLARIS Group of  
 Monsanto Company  
 P.O. Box 5008  
 San Ramon CA 94583-0808  
 Form \_\_\_\_\_  
 EPA REG. NO. 239-2640  
 EPA EST. NO. 239-1A-3<sup>1</sup>, 47427-OH-2<sup>A</sup>;  
 Superscript is first letter of lot number

[optional text] For Home Use Only

[9/15/98 Notification: Delete duplicate text] ~~Controls broadleaf weeds and gives your lawn a quick feeding boost of nitrogen. When used as directed this product will supplement your regular fertilizer program. Use on Bluegrass, Fescue, Ryegrasses, Bentgrass, Bahia, Common Bermuda, Centipede, Zoysia and Common St. Augustine grasses. Do not use on Floratam or other improved varieties of St. Augustinegrass. Do not spray on Buffalo grass, Dichondra, Lippia, or desirable clovers. For grass lawns only. Do not use this product on flower or vegetable beds, or around shrubs, trees or ornamental plantings. Specially formulated for residential use.~~

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
 [Stop sign icon] READ ENTIRE LABEL BEFORE USING THIS PRODUCT: USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

[Text reorganized from below to enhance consumer understanding]

HOW TO APPLY

239-2640.n9.doc239-2640.n7.doc

Notifications: 11/17/97, 11/20/97 3/20/98, 6/26/98, 9/15/98, 1/27/99  
 Non-notification 10/26/98

EPA Accepted 10/1/96

[9/15/98 Notification: Alternate text] Make sure ON/OFF valve is "OFF".

- Make sure ON/OFF valve is in OFF position
- Shake well.
- Connect spray nozzle to hose.
- Turn on the water at the tap.
- When ready to treat, point in direction away from face and body and pull the tab toward the hose and connection. Turn the ON/OFF valve to the ON position. [9/15/98 Notification: Alternate text] Turn the ON/OFF valve to "ON". The water mixes automatically with this product. [2/15/98 Notification: Alternate text] (GreenSweep) at the proper ratio.
- Walk and spray at a steady pace. Marks on side of bottle/ label indicate the number of square feet covered in 1,000's or approximate area covered.

[3/18/99 Notification: Add alternate text for alternate sprayer head]

- Set on/off switch to "OFF". Push button into closed position. (See directions on both sides of sprayer head.) Shake well.
- Connect sprayer to hose. Turn on water.
- Push button into open position.
- To BEGIN spraying, point sprayer towards lawn. Turn on/off switch forward until it stops. Spray evenly over measured area.
- To STOP spraying, turn on/off switch back to "OFF". Push button into closed position. Turn off water.
- To drain water from sprayer, turn on/off switch forward then back to "OFF". Disconnect from garden hose and store in a safe place.
- [3/18/99 Notification] (Marks on side of bottle represent square feet in 1,000's.)

[9/15/98 Notification: Add heading for emphasis and alternate text for clarity]

#### **AMOUNT TO APPLY**

Apply only the recommended amount for the area to be covered. Exceeding recommended rates may damage turf.

Warm Season Lawns (Grasses) - bahia, common Bermuda, centipede, zoysia and St. Augustine (EXCEPT Floratam): 1 quart covers 5,000 sq ft.

NOTE: Some temporary injury may occur with these lawns. Do not use on Floratam, a variety of St. Augustine grass widely grown in Florida, as damage may occur. In spring, do not apply until grass has reached full green-up. In fall, do not use when grass is going into dormancy. Some hybrid Bermuda grasses may be sensitive to this product.

Cool Season Lawns (Grasses)- bentgrass, bluegrass, fescue and ryegrass: 1 quart covers 3,300 sq ft.

NOTE: When applying to bentgrass, grass height should be 1 1/2" or more.

For Cool Season Grasses such as Bluegrass, Fescue, Ryegrasses and Bentgrass, 1 quart covers 3300 sq ft.

When applying to Bentgrass, grass height should be 1-1/2" or more. For Warm Season Grasses

6/19

**GREENSWEEP® WEED & FEED 20-0-0**

**EPA Reg No: 239-2640**

such as Bahá Common Bermuda, Common St. Augustine, Centipede, and Zoysia, 1 quart covers 5000 sq ft. Do not use on Floratam or other improved varieties of St. Augustine grass (as damage may occur). Some temporary injury may occur with these [warm season] grasses. In Spring, do not apply until grass has reached full green up. In Fall, do not use when grass is going into dormancy. Note: Some Bahá Bermuda grasses may be sensitive to this product.

Weeds will begin to curl within a few days. Some hard-to-control broadleaf weeds may require a second treatment or repeat application [9/15/98 Notification] in 3-4 weeks. The maximum number of broadcast applications per treatment site is 2 per year.

GREENSWEEP WEED & FEED controls Buckhorn, Chickweed, Clover, Dandelion, Ground ivy, Henbit, Knotgrass, Lambsquarters, Oxalis, Pigweed, Plantain, Poison Ivy, Ragweed, Spurge, and many other broadleaf weeds.

☎ For additional weeds controlled by this product call 1-800-225-2883

[9/15/98 Notification: Alternate heading] FOR BEST RESULTS / USE PRECAUTIONS/ IMPORTANT Lawns needs watering, water thoroughly 24 hours before application. Do not cut grass 1 to 2 days before and after application. Do not water for 48 hours after application as watering will wash off weed killing material. Spray when air is calm to avoid spray drift that might injure desirable ornamental plants. Do not use this product on flower or vegetable beds, or around shrubs, trees or ornamental plantings. Do not spray on Buffalo grass, Dichondra, Lippia, or desirable clover. Do not apply when temperatures exceed 85° F. Do not reseed, sod or plug lawns or plant stolons for 3 to 4 weeks after use. Do not apply to newly seeded grasses [9/15/98 Notification: Alternate text] /lawns until they have been mowed three times. Spray when weeds are actively growing.

[9/15/98 Notification: Add alternate text] For grass lawns only.

COVERAGE MEASURING GUIDE				
APPROXIMATE AMOUNT USED	COOL SEASON GRASSES	AREA DIMENSIONS	WARM SEASON GRASSES	AREA DIMENSIONS
1/4	825 SQ FT	16 X 50	1250 SQ FT	25 X 50
1/2	1650 SQ FT	33 X 50	2500 SQ FT	50 X 50
3/4	2500 SQ FT	50 X 50	3750 SQ FT	75 X 50
EMPTY	3300 SQ FT	66 X 50	5000 SQ FT	100 X 50

**[READY-SPRAY™ APPLICATOR ONLY ]**

Connect attached spray nozzle to garden hose. Turn water control "ON/OFF" valve on top of sprayer nozzle to "OFF" position. Turn on water at faucet. Extend hose to farthest area to be treated and walk backwards towards faucet so that you do not walk over treated areas. Using a coin or key, rotate the small product control valve located near front of nozzle to the "OPEN"

position. To BEGIN spraying, point spray nozzle towards lawn and turn water control valve to "ON" position. The sprayer automatically mixes the product into the spray stream. Walk at a steady pace while spraying, using an even sweeping motion, side to side, lightly overlapping treated areas. Refer to measuring scale on side of container to guide coverage. To STOP spraying, turn water control "ON/OFF" valve on spray nozzle to "OFF" position. Rotate small product control valve back to closed position. Turn off water at faucet. To relieve pressure, turn water control "ON/OFF" valve to the "ON " position before removing nozzle from hose, being careful to point nozzle away from you. After relieving hose pressure, turn water control "ON/OFF" valve to the "OFF " position.

**GREENSWEEP WEED & FEED controls [9/15/98 Notification: Alternate heading] WEEDS CONTROLLED**

Alders, Artichoke, Aster, Austrian Fieldcress, Beggarticks, Bidden, Bindweed, Bitterweed, Bitter Winter Cress, Black Medic, Blessed Thistle, Blue Lettuce, Box Elder, Broomweed, Buckhorn, Bull Thistle, Burdock, Bur Ragweed, Buttercup, Canada Thistle, Carpetweed, Catnip, Chickweed, Chicory, Clover, Cockle, Cocklebur, Coffeebean, Coffeeweed, Common Sowthistle, Creeping Jenny, Croton, Curly Indigo, Dandelion, Dock, Dogbane, Dogfennel, Elderberry, English Daisy, Fleabane (daisy), Flixweed, Florida Pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Gumweed, Hawkweed, Healall, Heartloaf, Drymary, Hemp, Henbit, Hoary Cress, Honeysuckle, Horsetail, Indiana Mallow, Ironweed, Jewelweed, Jimsonweed, Kochia, Knotweed, Lambsquarters, Locoweed, Lupines, Mallow, Marshelder, Mexicanweed, Morningglory, Musk Thistle, Mustard, Nettle, Nutgrass, Orange Hawkweed, Oxalis, Parsnip, Pennycress, Pennywort, Peppergrass, Pepperweed, Pigweed, Plantain, Poison Hemlock, Poison Ivy, Poison Oak, Pokeweed, Poorjoe, Povertyweed, Prickly Lettuce, Primrose, Puncture Vine, Purslane, Ragweed, RedClover, Red Sorrel, Rush, Russian Thistle, St. Johnswort, Sheep Sorrel, Shepherdspurse, Smartweed, Sneezeweed, Southern Wild Rose, Sowthistle, Spanishneedles, Spatterdock, Speedwell, Spurge, Spurweed, Stinkweed, Stitchwort, Sumac, Sunflower, Sweetclover, Tarweed, Thistle, Toadflax, Tumbleweed, Velvetleaf, Veronica, Vervain, Vetch, Virginia Buttonweed, Virginia Creeper, Wild Aster, Wild Carrot, Wild Garlic, Wild Geranium, Wild Lettuce, Wild Onion, Wild Radish, Wild Rape, Wild Strawberry, Wild Sweet Potato, Willow, Witchweed, Woodsorrel, Wormseed, Yarrow, Yellow Rocket, and (many) other broadleaf weeds.

 For additional weeds controlled by this product call 1-800-225-2883

[HOSE-END SPRAYER INSTRUCTIONS] [For refill]

HOW TO APPLY: Use an ORTHO DIAL 'n SPRAY, ORTHO Plant & Weed SPRAY-ETTE, tank sprayer or hose-end sprayer that is designed for use on lawns.

APPLICATOR	MIXING INSTRUCTIONS	AREA TO TREAT WARM SEASON GRASSES	AREA TO TREAT COOL SEASON GRASSES
ORTHO® DIAL 'n SPRAY®	Measure 3 fl oz into sprayer jar. DO NOT ADD WATER. Set dial to 1 1/2 oz and spray.	500 sq ft (25 x 20)	300 sq ft (15' x 20)

8/19

**GREENSWEEP® WEED & FEED 20-0-0**

**EPA Reg No: 239-2640**

ORTHO Plant & SPRAYETTE®	Measure 3 fl oz into sprayer jar. Add water to the 2 gal mark.	500 sq ft (25 x 20)	300 sq ft (15 x 20)
Tank Sprayer	Measure 3 fl oz in 2 gals of water.	500 sq ft (25 x 20)	300 sq ft (15 x 20)

The following are adjustable/dial sprayers:

MANUFACTURER	SETTING
Super K-G	20
Melnor #95	11
Melnor #97	13
Gilmour #35	4
Gilmour #45	12

Special Note: Some adjustable sprayers do not hold 32 oz. The above settings are based on using 64 oz per 4,160 to 6,666 sq ft on Cool Season grasses or 8,500 to 10,000 sq ft for application on Warm Season grasses. The entire contents of this bottle must be used to make the proper recommended application rate.

[Note: This text is duplicated at the end of the label for Lock 'N Spray] (Back Base Panel)

**STORAGE AND DISPOSAL**

**STORAGE:** Store product in original container in a safe place. Protect container from freezing.

**DISPOSAL:** Do not reuse container (except for GREENSWEEP refill). Securely wrap partially filled or empty container in newspaper and discard in trash.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin or clothing. Wear long pants, long-sleeved shirt, socks, shoes and chemical resistant gloves when handling or applying this product. After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

[Reentry icon] Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

**FIRST AID: IF SWALLOWED:** Get medical attention. **IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists. **IF ON SKIN:** Wash with plenty of soap and water. If irritation develops, get medical attention.

[9/15/98 Notification: Update telephone number] ☎ In case of emergency call 1- 300-454-2333-225-2833

9/19

GREENSWEEP® WEED & FEED 20-0-0

EPA Reg No: 239-2640

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters nor pour the washwaters on the ground. Spray or drain over a large area away from wells, other water sources and desirable plants. Do not apply this product through any type of irrigation system. Do not contaminate water used for irrigation or domestic purposes. If spills occur, collect the material and dispose of by following disposal instructions on this label.

[9/15/98 Notification: Update to current text] **NOTICE:** Buyer assumes all responsibility for safety and use not in strict accordance with directions, and instructions for use.  
(Additional copy for refill size)

For refill only: Use this bottle to refill the quart hose-end sprayer of GREENSWEEP® WEED & FEED. Follow directions for use on hose-end sprayer bottle.

[6/26/98 Notification] [OPTIONAL STATEMENT] For registration of fertilizer products in the State of Washington, Gov.

This product has been registered with the Washington State Department of Agriculture. When applied as directed, this fertilizer meets the Washington standards for arsenic, cadmium, cobalt, mercury, molybdenum, lead, nickel, selenium, and zinc. You have the right to receive specific information about Washington standards from the distributor of this product. Information received by the Washington State Department of Agriculture regarding the components in this product is available on the internet at <http://www.wa.gov/agr/>

[9/15/98 Notification: Update contact information]

**Questions, Comments or Medical Information**  
**call 1-800-225-2883    [www.ortho.com](http://www.ortho.com)**

☎ **Medical Information 1-800-454-2333.**  
**Product Information 1-800-225-2883**

ORTHO®, YardBasics™, SOLARIS®, Trademarks of Monsanto Company  
GREENSWEEP® is a registered trademark used under license.  
© MONSANTO Company 1998

Manufactured for  
The SOLARIS Group of Monsanto Company  
P.O. Box 5005  
San Ramon CA 94583-0808  
Form \_\_\_\_\_

EPA REG. NO. 239-2640

EPA EST. 288-1A-3<sup>1</sup>, 47427-OH-2<sup>A</sup> [10/29/98 Non-notification] 56100-LA-1<sup>G</sup>, 34313-TX-1<sup>H</sup>

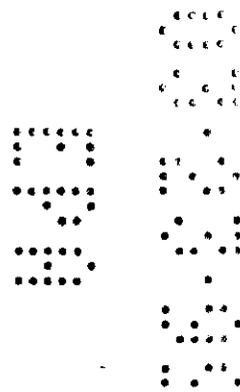
Superscript is first letter of lot number

10/19

GREENSWEEP® WEED & FEED 20-0-0

EPA Reg No: 239-2640

Made in USA



239-2640.n9.doc239-2640.n7.doc

Notifications: 11/17/97, 11/20/97 3/20/98, 6/26/98, 9/15/98, 1/27/99  
Non-notification 10/26/98

EPA Accepted 10/31/96

**GREENSWEEP® WEED & FEED 20-0-0**

EPA Reg No: 239-2640

[Text for Lock 'N Spray Applicator System]

**2. GREENSWEEP® WEED & FEED Lock 'N Spray 20-0-0**

NO MIXING

READY TO SPRAY

[11/17/97 Notification] For Lock 'N Spray

TREATS UP TO 10,000 SQ FT / 5000 sq ft (varies by size)

Read directions for different grasses

[water icon] Water based Outdoor Use Only [outdoor icon]

Fertilizes your lawn / For lawns

Do not use on Fioratam Lawns

Ready-To-Use concentrate mixes automatically with water through the attached hose-end sprayer.

Attach to a garden hose, turn on water, and spray.

A Quick and Easy Way to a Beautiful / Quality Lawn.

Lock 'N Spray - For / Use with the Lock 'N Spray System/Sprayer

An innovative technical breakthrough in spraying

For ORTHO's Lock 'N Spray smart versatile sprayer system

Kills Weeds - Won't harm lawns - Kills weeds without harming lawn grasses

Kills All major broadleaf lawn weeds including Dandelion, Clover, Oxalis, Chickweed, Knotweed, Plantain, Herbit, Spurge and many others.

Weed out lawns with GREENSWEEP Weed &amp; Feed / Weed &amp; Feed your lawn with GREENSWEEP

1 easy step to a weed free lawn - Helps promote a beautiful lawn

New/ Now No mixing, no measuring, no mess

No Mix, No Measure, No Messy Clean Up

Eliminates Mixing and Measuring, No mixing or measuring necessary

Easy to Use. Premeasured, Accurate, Accurate Dosage

Simple easy to use / one step application / Simple and easy

No Spill, No Leak, Clean and Convenient to useClosed system prevents spills and leaks

Gives your lawn a quick boost of nitrogen while controlling broadleaf weeds

Gives your lawn a quick feeding while controlling broadleaf weeds

Quickly feeds your lawn while controlling broadleaf weeds

Fertilizes lawn and kills broadleaf weeds

Cartridge sprayer refill, Self sealing refill

Automatic locking closure, Automatically mixes the right amount of product

Reusable, Disposable cartridges, / Cartridge for the Lock 'N Spray System/Sprayer

Just lock and spray - Snap 'n Spray

Concentrate

Active Ingredients: [11/17/97 Notification]

2,4-D, Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid\* ..... 2.29%

GREENSWEEP® WEED & FEED 20-0-0

EPA Reg No: 239-2640

Mecoprop, Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid.....	2.30%
<u>Dichlorprop, [3/20/98 Notification] Dimethylamine Salt</u> <del>Dimethylamine Salt of 2-(2,4-Dichlorophenoxy)propionic Acid***</del> .....	2.26%
<u>[10/16/98 Non-notification] Inert Other Ingredients:</u> .....	93.15%

KEEP OUT OF REACH OF CHILDREN  
 CAUTION  
 SEE BACK PANEL BOOKLET FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET CONTENTS: 1 PT (16 fl oz) 473 mL 1.15 LBS  
 1 QT (32 fl oz) 946 mL 2.3 LBS

[Back Panel]  
 OPEN RESEALABLE LABEL FOR DIRECTIONS AND PRECAUTIONS[in arrow format]

GUARANTEED ANALYSIS:  
 Total Nitrogen (N) ..... 20%  
 20% Urea Nitrogen  
 Primary Plant Nutrient source: Urea  
 Fertilizer content guaranteed by SOLARIS  
 1138-1103

[9/15/98 Notification: Reword for clarity] Controls broadleaf weeds and gives your lawn a quick feeding boost of nitrogen. ~~When used as directed this product will supplement your regular fertilizer program. [sentence moved to below]~~ Use on Bluegrass, Fescue, Ryegrasses, Bentgrass, Bahia, Common Bermuda, Centipede, Zoysia and Common St. Augustine grasses. Do not use on Floratam or other improved varieties of St. Augustinegrass. Do not spray on Buffalo grass, Dichondra, Lippia, or desirable clovers. For grass lawns only. Do not use this product on flower or vegetable beds, or around shrubs, trees or ornamental plantings. Specially formulated for residential use. When used as directed this product will supplement your regular fertilizer program.

(or)

Use GREENSWEEP Weed & Feed to kill broadleaf weeds in lawns including Dandelion, Clover, Oxalis, Chickweed, Knotweed, Plantain, Henbit, Spurge and many others. Won't harm Bahia, Bentgrass, Bermuda, Bluegrass, Centipede, Fescue, Rye or Zoysia. Can also be used on St. Augustine EXCEPT Floratam. For grass lawns only. Controls broadleaf weeds and gives your lawn a quick feeding boost of nitrogen. When used as directed this product will supplement your regular fertilizer program. Specially formulated for residential use.

Covers 3300-5000 (quart) /1650-2500(pint) square feet depending on lawn variety. See inside booklet for complete instructions.

*[advisory statements to aid consumer understanding that they will need the Lock N' Spray Sprayer to use the product]*

FOR USE WITH THE LOCK 'N SPRAY™ SYSTEM

13/19

**[11/17/97 Notification] FOR USE WITH THE LOCK 'N SPRAY® [logo] SYSTEM**

Lock 'N Spray makes lawn and garden care easy. Simply attach this cartridge to the Lock 'N Spray sprayer (sold separately). Eliminates mixing, measuring and messy cleanup. Automatically mixes the right amount of product and water.

Controls broadleaf weeds and gives your lawn a quick boost of nitrogen.

Use on Bluegrass, Fescue, Ryegrass, Bentgrass, Bahiagrass, Common Bermudagrass, Centipedegrass, Zoysiagrass & St. Augustinegrass (EXCEPT Floratam).

**[11/20/97 Notification]**

Lock 'N Spray™ makes lawn and garden care easy. simply choose the cartridge application that you need and attach it to the sprayer (sold separately) as shown. Eliminates mixing, measuring and messy clean up. Prevents spills and leaks. Automatically mixes the right amount of product and water for accurate dosage.

Picture 1. Connect sprayer to hose

Picture 2. Attach and lock cartridge to sprayer. Make sure sprayer nozzle tip is down.

Picture 3. Turn on water and spray. When finished spraying the cartridge reseals itself automatically. No spills. No leaks.

For complete Lock 'N Spray™ System directions see inside this label.

**[11/20/97 Notification] – Text for Cartridge Shroud Stickers-**

Peel Off, Free Sprayer, See back for details, New Lock 'N Spray System, Easy [illustration]

Fast [illustration] Clean [illustration]; Sprayer Sold Separately

**CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin or clothing. SEE ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS INSIDE BOOKLET.**

or SEE PRECAUTIONARY STATEMENTS AND DIRECTIONS INSIDE BOOKLET.

or OPEN RESEALABLE LABEL FOR DIRECTIONS AND PRECAUTIONS[in arrow format]

 **PULL HERE TO OPEN LABEL PRESS HERE TO RESEAL.**

This product contains:

*2,4-Dichlorophenoxyacetic Acid .....	1.9%, .18 lb/gal
**2-(2-Methyl-4-Chlorophenoxy) propionic Acid .....	1.9%, .18 lb/gal
***2-(2,4-Dichlorophenoxy) propionic Acid .....	1.9%, .18 lb/gal
Isomer Specific AOAC Method No. 6.321.	

[10/29/98 Non-notification. Delete duplicated text. See end of label]

 Medical Information call 1-800-454-2333

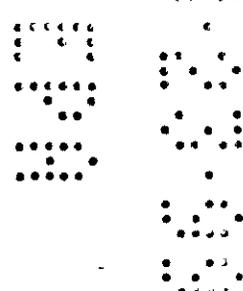
Product Information call 1-800-225-2883

Manufactured for  
The SOLARIS Group of

239-2640.n9.doc 239-2640.n7.doc

Notifications: 11/17/97, 11/20/97 3/20/98, 6/26/98, 9/15/98, 1/27/99

Non-notification 10/26/98



EPA Accepted 10/31/96

14/19

GREENSWEEP® WEED & FEED 20-0-0

EPA Reg No: 239-2640

Monsanto Company  
P.O. Box 5008  
San Ramon, CA 94583-0808  
Form \_\_\_\_\_  
EPA REG. NO. 239-2640  
EPA EST. NO. 239-A-3, 47427-OH-2<sup>A</sup>,  
Superscript is first letter of lot number

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. [Stop sign icon] READ ENTIRE LABEL BEFORE USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

[11/17/97 Notification] *Optional Directions for Use reformatted to fit on a more compact label*

**AMOUNT TO SPRAY**

- ◆ Measure lawn. Calculate square feet by multiplying length times width. [walking man icon]
- ◆ Use the amount indicated for your lawn variety:

**WARM SEASON LAWNS** - Bahia, Common Bermuda, Centipede, Zoysia & St. Augustine (EXCEPT Floratam, a variety of St. Augustine common in Florida, as damage may occur.): Each line on cartridge covers approximately 1,000 sq ft.

**NOTE:** Some temporary injury may occur with these grasses. In Spring, do not apply until grass has reached full green up. In Fall, do not use when grass is going into dormancy. Some hybrid Bermuda grasses may be sensitive to this product.

**COOL SEASON LAWNS** - Bentgrass, Bluegrass, Fescue & Ryegrass: Each line on cartridge covers approximately 700 sq ft.

**NOTE:** When applying to Bentgrass, grass height should be 1 1/2" or more.

<b>HOW TO USE THE LOCK 'N SPRAY® [logo] SYSTEM</b>	
<b>CONNECT</b> [illustration #1]	Connect sprayer to hose.
[illustration #2]	Attach cartridge to sprayer. Turn cartridge until it clicks into place.
<b>SPRAY</b> [illustration #3]	To begin spraying, make sure sprayer nozzle tip is down, turn on water and squeeze trigger. Spray evenly over measured area.
<b>FINISH</b> [Reverse illustration]	<ul style="list-style-type: none"> <li>• To stop spraying, release trigger, unlock cartridge and remove from sprayer. (No need to turn off water.)</li> <li>• To clean sprayer, flush with water, squeezing and releasing.</li> </ul>

#2]	<p>trigger in 2 short bursts. Turn off water.</p> <ul style="list-style-type: none"> <li>To disconnect sprayer, relieve water pressure by squeezing trigger.</li> </ul>
Cartridge reseals itself automatically - No spills, no leaks!	

**FOR BEST RESULTS**

- Water 1 to 2 days before application if soil is dry.
- Do not mow 1 to 2 days before and after application.
- Spray when weeds are small and actively growing.
- Spray when air is calm to avoid drift to desirable plants.
- Spray when daytime temperature is below 85°F.
- Rain or watering within 48 hours after treatment may reduce weed control.
- Hard-to-control weeds may require a repeat application in 2 to 3 weeks.
- Treated lawn can be planted with grass seed or sod after 3 to 4 weeks.
- Newly planted lawn can be treated after third mowing.

**[10/29/98 Non-notification: Add alternative text to match standard packaging]**

- If lawn needs watering, water thoroughly 24 hours before application.
- Do not cut grass 1 to 2 days after application.
- Do not water for 48 hours after application as watering will wash off weed killing material.
- Spray when air is calm to avoid spray drift that might injure desirable ornamental plants.
- Do not apply when temperatures exceed 85° F.
- Do not reseed, sod or plug lawns, or plant stolons for 3 to 4 weeks after use.

Do not apply to newly seeded lawns until they have been mowed three times.

Spray when weeds are actively growing.

Weeds will begin to curl within a few days. Some hard-to-control weeds may require a repeat application in 3 to 4 weeks.

**IMPORTANT**

For grass lawns only. Do not spray Buffalograss, Dichondra, Lippia or desirable clovers. Do not use on or around fruits, vegetables, flowers, or other ornamental plants. The maximum number of broadcast applications per treatment site is 2 per year. For spot treating individual weeds use Ready-to-Use Weed-B-Gon® Weed Killer.

**[10/29/98 Non-notification: Add alternative text to match standard packaging]** For grass lawns only. Do not spray Buffalograss, dichondra, lippia or desirable clovers. Do not use this product on flower or vegetable beds, or around shrubs, trees or ornamental plantings. The maximum number of broadcast applications per treatment site is 2 per year. For spot treating individual weeds use Ready-to-Use Weed-B-Gon® Weed Killer.

### How To Use The Lock 'N Spray System

1. Calculate square feet of lawn by multiplying length times width. [ Walking man icon]

2. Connect sprayer to garden hose by turning the sprayer hose connector.
3. Peel off sticker from the top of cartridge.
4. Point sprayer away from you. Hold cartridge so label faces you. Attach cartridge to sprayer.
5. Turn cartridge in either direction until it clicks into place.
6. ~~Rotate~~ Make sure sprayer nozzle tip down.
7. Turn on water.
8. Extend garden hose to farthest section of lawn to be treated. Squeeze (color) trigger and begin spraying.
9. Spray evenly over entire lawn following the listed coverage rates.
10. When finished, release (color) trigger then turn cartridge to unlock and remove from sprayer. (No need to turn off water.)
11. Flush sprayer with water, squeezing and releasing the (color) trigger in short bursts 2 or more times.
12. Turn off water and squeeze the (color) trigger to relieve water pressure.
13. ~~Leave sprayer on garden hose for use as a watering device, or~~ Disconnect sprayer, shake off excess water, and store in a safe place.
14. When finished spraying, cartridge reseals itself automatically. No spills. No leaks.  
*[aids consumer understanding that additional closure is not needed]*

[5 Lines for 16 oz size (or ½ liter)] or  
 [5 Lines for 32 oz size (or 1 liter)]

Where to Use & Coverage Rates

Important: Use GREENSWEEP Weed & Feed to kill broadleaf weeds in the cool and warm season lawns listed below without harming them. Do not spray Buffalograss, Dichondra, Lippia or desirable clovers. Do not use on or around fruits, vegetables, flowers, or other ornamental plants.

**COOL SEASON LAWNS**

Bentgrass, Bluegrass, Fescues, and Ryegrass:

[16 oz size] Each line on cartridge represents the amount of product needed to cover approximately 350 square feet of lawn. or

[32 oz size] Each line on cartridge represents the amount of product needed to cover approximately 700 square feet of lawn.

NOTE: When applying to Bentgrass, grass height should be 1-1/2" or more.

**WARM SEASON LAWNS**

Bahia, Common Bermuda, Centipede, Zoysia and Common St. Augustine (Do not use on Floratam lawns, a variety of St. Augustine common in Florida, as damage may occur.)

[16 oz size] Each line on cartridge represents the amount of product needed to cover

**GREENSWEEP® WEED & FEED 20-0-0**

EPA Reg No: 239-2640

approximately 500 square feet of lawn. or

[32 oz size] Each line on cartridge represents the amount of product needed to cover approximately 1000 square feet of lawn.

Note: Some temporary injury may occur with these grasses. In Spring, do not apply until grass has reached full green up. In Fall, do not use when grass is going into dormancy. Note: Some hybrid Bermuda grasses may be sensitive to this product.

**GREENSWEEP WEED & FEED controls [11/17/97 Notification] or WEEDS:**

Alders, Artichoke, Aster, Austrian Fieldcress, Beggarticks, Bidden, Bindweed, Bitterweed, Bitter Winter Cress, Black Medic, Blessed Thistle, Blue Lettuce, Box Elder, Broomweed, Buckhorn, Bull Thistle, Burdock, Bur Ragweed, Buttercup, Canada Thistle, Carpetweed, Catnip, Chickweed, Clover, Cockle, Cocklebur, Coffeebean, Coffeeweed, Common Sowthistle, Creeping Jenny, Croton, Curly Indigo, Dandelion, Dock, Dogbane, Dogfennel, Elderberry, English Daisy, Fleabane (daisy), Flixweed, Florida Pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Gumweed, Hawkweed, Healall, Heartloaf, Drymary, Hemp, Henbit, Hoary Cress, Honeysuckle, Horsetail, Indiana Mallow, Ironweed, Jewelweed, Jimsonweed, Kochia, Knotweed, Lambsquarters, Locoweed, Lupines, Mallow, Marshelder, Mexicanweed, Morningglory, Musk Thistle, Nettle, Nutgrass, Orange Hawkweed, Oxalis, Parsnip, Pennycress, Peppergrass, Pepperweed, Pigweed, Plantain, Poison Hemlock, Poison Ivy, Poison Oak, Pokeweed, Poorjoe, Povertyweed, Prickly Lettuce, Primrose, Puncture Vine, Purslane, Ragweed, Red Clover, Red Sorrel, Rush, Russian Thistle, St. Johnswort, Sheep Sorrel, Sheperdspurse, Smartweed, Sneezeweed, Southern Wild Rose, Sowthistle, Spanishneedles, Spatterdock, Speedwell, Spurge, Spurweed, Stinkweed, Stitwort, Sumac, Sunflower, Sweetclover, Tarweed, Thistle, Toadflax, Tumbleweed, Velvetleaf, Veronica, Vervain, Vetch, Virginia Buttonweed, Virginia Creeper, Wild Aster, Wild Carrot, Wild Garlic, Wild Geranium, Wild Lettuce, Wild Onion, Wild Radish, Wild Rape, Wild Strawberry, Wild Sweet Potato, Willow, Witchweed, Woodsorrel, Wormseed, Yarrow, Yellow Rocket, and (many) other broadleaf weeds.

 For additional weeds controlled by this product call 1-800-225-2883

[10/29/98 Non-notification: Add optional wording] (or) GREENSWEEP WEED & FEED controls  
Weeds Controlled: Buckhorn, Chickweed, Clover, Dandelion, Ground ivy, Henbit, Knotweed, Lambsquarters, Oxalis, Pigweed, Plantain, Poison Ivy, Ragweed, Spurge, and many other broadleaf weeds.

[10/29/98 Non-notification: Delete duplicate text. This text appears above.]

For Best Results

1. ~~Water 1 to 2 days before application if soil is dry.~~
2. ~~Do not mow 1 to 2 days before and after application.~~
3. ~~Spray when weeds are small and actively growing.~~
4. ~~Spray only when air is calm to avoid drift to desirable plants.~~
5. ~~Spray only when daytime temperature is below 85° F.~~
6. ~~Rain or watering within 48 hours after treatment may reduce weed control, and weeds may~~

~~require a repeat treatment.~~

- ~~7. Hard to control weeds may require a repeat application.~~
- ~~8. If a second application is necessary, wait 2 to 3 weeks.~~
- ~~9. Treated lawn can be planted with grass seed or sod after 3 to 4 weeks.~~
- ~~10. Newly planted lawn can be treated after third mowing.~~
- ~~11. For spot treating individual weeds use ready to use Weed-B-Gon Weed Killer.~~

**How It Works**

Because broadleaf weeds and grasses grow differently, GREENSWEEP Weed & Feed kills broadleaf weeds without harming lawn grasses. GREENSWEEP Weed & Feed singles out broadleaf [11/17/97 Notification] /weeds, enters through the leaves and moves inside the weed to the roots. Leaves begin to curl within a week with complete kill in 2 to 4 weeks. The maximum number of broadcast applications per treatment site is 2 per year.

GREENSWEEP Weed & Feed contains 20% nitrogen, the most important nutrient for lawns. Nitrogen gives lawns a deep / dark green color. When used as directed GREENSWEEP Weed & Feed supplements your regular fertilizer program[11/17/97 Notification]. ~~by giving your lawn a quick feeding boost of nitrogen.~~

[Back Base Panel]

**STORAGE AND DISPOSAL**

**STORAGE:** Store product in original container in a safe place. Protect container from freezing.

**DISPOSAL:** Do not reuse container. Securely wrap partially filled or empty container in newspaper and discard in trash.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin or clothing. Wear long pants, long-sleeved shirt, socks, shoes and chemical resistant gloves when handling or applying this product. After using this product, rinse gloves before removing, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. Remove saturated clothing as soon as possible and shower.

[Reentry icon] Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until spray has dried.

**FIRST AID: IF SWALLOWED:** Get medical attention. **IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists. **IF ON SKIN:** Wash with plenty of soap and water. if irritation develops, get medical attention.

[10/29/98 Non-notification: Update to match other contact statements]  In case of emergency call 1-800-225-2883 454-2333.

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic

19/19

invertebrates and non-target plants. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters nor pour the washwaters on the ground. Spray or drain over a large area away from wells, other water sources and desirable plants. Do not apply this product through any type of irrigation system. Do not contaminate water used for irrigation or domestic purposes. If spills occur, collect the material and dispose of by following disposal instructions on this label.

[11/17/97 Notification] Changes to update warranty statement to currently used text.

NOTICE: Buyer assumes all responsibility for safety and use not in strict accordance with directions. and instructions for use.

[6/11/98 Notification: OPTIONAL STATEMENT] For registration of fertilizer products in the State of Washington Only.

This product has been registered with the Washington State Department of Agriculture. When applied as directed, this fertilizer meets the Washington standards for arsenic, cadmium, cobalt, mercury, molybdenum, lead, nickel, selenium, and zinc. You have the right to receive specific information about Washington standards from the distributor of this product. Information received by the Washington State Department of Agriculture regarding the components in this product is available on the internet at <http://www.wa.gov/agr/>.

[9/15/98 Notification: Update contact information] Questions, Comments or Medical Information call 1-800-225-2883 [www.ortho.com](http://www.ortho.com)

~~☎ Medical Information 1-800-454-2333.  
Product Information 1-800-225-2883~~

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Manufactured for  
The SOLARIS Group of Monsanto Company  
P.O. Box 5008  
San Ramon CA 94583-0808

Form \_\_\_\_\_

EPA REG. NO. 239-2640

EPA EST. NO. 239-IA-3<sup>I</sup>, 47427-OH-2<sup>A</sup> [10/29/98 Non-notification] 56100-LA-1<sup>G</sup>, 34313-TX-1<sup>H</sup>

Superscript is first letter of lot number

Made in USA

