

228-340

7-12-2002

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Rease read instructions on reverse before completing form.

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

 <b>United States</b> <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number <h1 style="margin:0;">268494</h1>
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### Application for Pesticide - Section I

<b>1. Company/Product Number</b> 228-340	<b>2. EPA Product Manager</b> J. Miller	<b>3. Proposed Classification</b> <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
<b>4. Company/Product (Name)</b> Riverdale XRM-5202 Premium™ Weed And Feed	<b>PM#</b> 23	
<b>5. Name and Address of Applicant (Include ZIP Code)</b> Riverdale Chemical Company 1333 Burr Ridge Parkway, Suite 125A Burr Ridge, IL 60527-0866  <input type="checkbox"/> Check if this is a new zip code	<b>6. Expedited Review.</b> 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 _____	

### Section - II

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

# JUL 12 2002

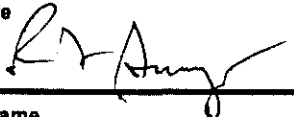
**Explanation: Use additional page(s) if necessary. (For section I and Section II.)**  
 Adding the optional statement "In Washington, this product may not be used on residential lawns. In Massachusetts, do not use grass clippings from turf treated with this product for composting and/or mulch in the growing season of application."

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 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

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

### Section - IV

<b>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</b>		
<b>Name</b> Russell F. Sawyer	<b>Title</b> Regulatory Affairs Manager	<b>Telephone No. (Include Area Code)</b> 708/754-3330
<b>Certification</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.		<b>6. Date Application Received</b>  (Stamped)
<b>2. Signature</b> 	<b>3. Title</b> Regulatory Affairs Manager	
<b>4. Typed Name</b> Russell F. Sawyer	<b>5. Date</b> July 3, 2002	

(Non-Commercial Label)

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RIVERDALE®

NOTIFICATION

JUL 12 2002

XRM-5202™ PREMIUM WEED AND FEED

THIS PRODUCT IS A PREMIUM GRADE HERBICIDE AND TURF FOOD COMBINATION WHICH CONTROLS A WIDE SPECTRUM OF BROADLEAF WEEDS WHILE PROVIDING BOTH FAST AND LONG FEEDING ACTION.

CONTAINS 2,4-D, TRICLOPYR, AND CLOPYRALID.

Weeds contacted by this product gradually die and disappear from the lawn.  
Treats (or covers) 5,000 Square Feet (50' x 100')

ACTIVE INGREDIENTS:

Triisopropanolamine Salt of 2,4-D*	1.069%
Triethylamine Salt of Triclopyr**	0.079%
Clopyralid Acid***	0.028%
INERT <sup>1</sup> INGREDIENTS:	98.824%
TOTAL	100.000%

By Isomer Specific AOAC Method, Equivalent to:

*2,4-D Acid	0.573%
**Triclopyr Acid	0.057%
***Clopyralid Acid	0.028%

GUARANTEED ANALYSIS:°

Total Nitrogen (N)	X%
X% Ammoniacal Nitrogen	
X% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	X%
Soluble Potash (K <sub>2</sub> O)	X%
Primary Plant Foods derived from Ammonium Phosphate, Sulfur Coated Urea, Urea, Triple Super Phosphate, and Muriate of Potash.	
Chlorine (Cl) Maximum	X%
The urea nitrogen in this product has been coated to provide X% coated slow release urea nitrogen.	
Fertilizer guaranteed by (Name of fertilizer registrant)	

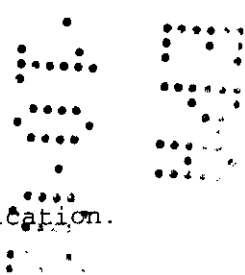
XRM-5202™ is a Trademark of Riverdale Chemical Company  
Riverdale is a Registered Trademark of Riverdale Chemical Company Patent No. 5,266,553

**IN NEW YORK STATE, THIS PRODUCT MAY ONLY BE SOLD TO AND USED BY PROFESSIONAL APPLICATORS AND IS PROHIBITED FROM SALE AND USE IN NASSAU AND SUFFOLK COUNTIES.  
IN WASHINGTON, THIS PRODUCT MAY NOT BE USED ON RESIDENTIAL LAWNS.  
IN MASSACHUSETTS, DO NOT USE GRASS CLIPPINGS FROM TURF TREATED WITH THIS PRODUCT FOR COMPOSTING AND/OR MULCH IN THE GROWING SEASON OF APPLICATION.**

**KEEP OUT OF REACH OF CHILDREN  
CAUTION  
SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS  
AND STATEMENT OF PRACTICAL TREATMENT**

EPA REG. NO. 228-340 NET WEIGHT LBS. EPA EST. NO. 228-IL-1

MANUFACTURED BY  
RIVERDALE CHEMICAL COMPANY  
BURR RIDGE, ILLINOIS 60527-0866



**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS****CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. When using this product, wear long pants, long-sleeved shirt, socks and shoes. After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. The maximum number of broadcast applications per treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until dust has settled.

**STATEMENT OF PRACTICAL TREATMENT<sup>2</sup>**

**IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. 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 washwaters.

Clopyralid is a chemical which can travel (seep or leach) through soil and under certain conditions contaminate groundwater which may be used for irrigation or drinking purposes. Users are advised not to apply clopyralid where soils have a rapid to very rapid permeability throughout the profile (such as loamy sand to sand) and the water table of an underlying aquifer is shallow, or to soils that would allow direct introduction into an aquifer. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

**DIRECTIONS FOR USE**

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

XRM-5202™ PREMIUM WEED AND FEED is a stable mixture of three broad-spectrum herbicides. It is for use on Ornamental Turf such as Lawns, Parks, Cemeteries, and Golf Courses (Fairways, Aprons, and Roughs).

This product may be used on established Bahia, Bent\* (excluding golf course greens and tees), Bermuda\*, Blue Grass, Buffalo, Centipede\*, Fescue, Rye, and Zoysia\* grass. DO NOT USE on Centipede, Dichondra, St. Augustine, and Carpet grass. DO NOT USE this product where desirable clovers are present or allow the product to "wind drift" onto flowers, vegetables, ornamentals, shrubs, trees or other desirable plants.

\*Do not apply to these turfgrasses unless potential turf injury can be tolerated. To minimize grass injury, an additional application should be made no sooner than four weeks later. Avoid overlapping.

This product is designed to promote lush green growth in lawns and control many broadleaf weeds such as: Acacia, Alder, Artichoke, Aster, Austrian fieldcress, Bachelor button, Beggartick, Bident, Bindweed, Bitterweed, Bitter wintercress, Black medic, Blessed thistle, Blue lettuce, Box elder, Broomweed, Buckhorn, Buckwheat, Buffalobur, Bull thistle, Burdock, Bur ragweed, Buttercup, Canada thistle, Carpetweed, Catnip, Chamomile, Chickweed, Chicory, Clover, Cockle, Cocklebur, Coffeebean, Coffeeweed, Common sowthistle, Cornflower, Creeping jenny, Croton, Curly indigo, Dandelion, Dock, Dogbane, Dog fennel, Eljerberry, Fanweed, Flea bane (daisy), Flixweed, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Groundsel, Gumweed, Hawksbeard, Hawkweed, Healall, Hemp, Herbit, Hoary cress, Honeysuckle, Horsetail, Horseweed, Indiana mallow, Ironweed, Jewelweed, Jimsonweed, Kochia, Knapweed, Knotweed, Kudzu, Ladythumb, Lambsquarter, Lespedeza, Locoweed, Lupine, Mallow, Marshelder, Meadow salsify, Mexicanweed, Morningglory, Musk thistle, Mustard, Nettle, Nightshade,, 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, Red clover, Red sorrel, Rush, Russian thistle, St. Johnswort, Shepherdspurse, Sicklepod Smartweed, Sneezeweed, Southern wild rose, Sowthistle, Spanishneedle, Spatterdock, Speedwell, Spurge, Starthistle, Stinkweed, Sumac, Sunflower, Sweet clover, Tansy Ragwort, Tarweed, Teasel, Thistle, Toadflax, Tumbleweed, Velvet leaf, Veronica, Vervain, Vetch, Virginia creeper, Wild aster, Wild carrot, Wild geranium, Wild lettuce, Wild radish, Wild rape, Wild strawberry, Wild sweet potato, Willow, Witchweed, Wormseed, Yarrow, Yellow rocket, and other broadleaf weeds.

WHEN TO APPLY: Best results are obtained when weeds are growing actively in Spring or early Fall. Avoid contact with desirable shrubs, plants, vegetables, or flowers; especially when applying with a rotary (spinner) type spreader. Do not reseed for at least 3 to 4 weeks after application. Do not apply to newly seeded or sodded lawn until after 3 mowings. For optimum results (1) Avoid mowing 1 to 2 days before and after application; (2) Apply when grass is moist (after a rain, sprinkling or dew); (3) Avoid unnecessary disturbances, including watering of treated areas for 48 hours after application. Watering will wash off weed killing material; and (4) Avoid applying if rainfall is expected within 48 hours following treatment. Possible retreatment in approximately 30 days may be necessary if lawn is heavily overrun with weeds or if adverse low moisture conditions prevail and weeds are in a state of poor growth. Do not exceed recommended rates because damage to turf may occur.

NOTE: When applying to listed Warm Season Grasses - under conditions of inadequate moisture, high temperature and high humidity, over-application may cause minor transitory discoloration. It is recommended that during hot, dry conditions, application rates should be reduced 50% to avoid possible dehydration or browning of grass.

HOW TO APPLY: This 20 (or 18) pound bag should be used on 5,000 square feet. Apply evenly with a lawn spreader as a one pass application. A two pass application, criss-crossing the area at half the rate each time is also acceptable.

The following settings are approximate for applying contents of this package at a suggested rate of 4 (or 3.6 for 18 lb. bag) pounds per 1,000 square feet. Settings are based on an average walking speed. Reduce setting for slower speed; raise setting for higher speed. Check your spreader on 250 square feet and adjust to apply at the rate of 1 (.9 for 18 lb. Bag) pound per 250 square feet.

#### SPREADER SETTINGS

##### ONE PASS APPLICATION: °

<u>MAKE</u>	<u>SETTING</u>
Central Calibrated	5
Cyclone Broadcast	3-3/4
Jackson	5
Sears Broadcast	3
Sears	5
Scotts Calibrated	4

Sweep (do not wash) all fertilizer materials from surfaces immediately after application, because certain fertilizer ingredients can cause permanent stains. Wash out spreader after each use and allow it to dry thoroughly. Treat any exposed metal spreader areas with oil to reduce corrosion.

(The following paragraph is mandatory in Kentucky when the nitrogen analysis does not provide 1 pound of nitrogen per 1,000 square feet; otherwise, this information is optional.)

A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed, this product will supplement your regular fertilizer program by providing \*(No. of lbs.) pounds of nitrogen per 1,000 square feet (optional P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O levels) and herbicide to control listed weeds. Please consult your local extension office for questions regarding a regular fertilizer program.

\*Based on Inert fertilizer claimed.

**STORAGE AND DISPOSAL**

**STORAGE:** Store in original container and keep any bags containing unused product in locked storage area inaccessible to children and domestic animals. Do not store near feed or foodstuffs. To prevent cross-contamination, do not store near open containers of fertilizers, seed or other pesticides.

**PESTICIDE DISPOSAL:** To dispose of bag which contains unused product, securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse empty bag. Fold empty bag and discard in trash.

**NOTICE:** Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.  
(RV 031000A)

**OPTIONAL SPREADER INSTRUCTIONS:**

(Illustration) For Drop Spreaders: First apply two strips at ends. Then apply product along the length of the lawn, overlapping very slightly and shutting off spreader when turning.

(Illustration) For Rotary Spreaders: Apply in a circular path, starting on the outside and working toward the center, overlapping very slightly.

**OPTIONAL MARKETING STATEMENTS**

Contains XRM-5202™ - A Premium Selective Herbicide

**Environmental Benefits**

(Grasscycling Logo)

Besides increasing property values, did you know a well-maintained lawn provides the following benefits to your home and environment:

*Grass clippings and yard waste are approximately 20% of the volume in our nation's landfills. To do your part to reduce this amount, leave grass clippings on your lawn. Increased mowing height and frequency will produce smaller grass clippings that will decompose more readily so nutrients go back into your lawn.*

- ✓ A 50' x 50' lawn produces enough oxygen for a family of 4 every day
- ✓ Reduces Glare & Reduces Noise
- ✓ Traps Dust, Smoke Particles & other Pollutants
- ✓ Purifies Water & Modifies Temperature
- Improves Soil Condition & Controls Erosion

The following note will not be part of the actual label copy.

\*Note: Guaranteed (fertilizer) Analysis and Spreader Settings will vary among various commercial fertilizer manufacturers. Chlorine declaration and fertilizer guarantee are optional except where mandated by State fertilizer regulation.

**Optional Marketing Statement(s)**

For Both Cool Season & Warm Season Grasses

**Alternate Statements**

- <sup>1</sup>OTHER\*
- <sup>2</sup>FIRST AID

\*Please note, some states may still require the term INERT and/or the full chemical name of the Active Ingredients.

**Editor's Note:**

<sup>3</sup>The State Sale and Use Prohibitions of this product must be part of printed label text for any product which might possibly enter the channels of trade in the states of New York, Washington and/or Massachusetts. The label prohibitions are optional for all other states.

(Commercial Label)

RIVERDALE®

XRM-5202™ PREMIUM WEED AND FEED

6/9  
NOTIFICATION  
JUL 12 2002

THIS PRODUCT IS A PREMIUM GRADE HERBICIDE AND TURF FOOD COMBINATION WHICH CONTROLS A WIDE SPECTRUM OF BROADLEAF WEEDS WHILE PROVIDING BOTH FAST AND LONG FEEDING ACTION.

CONTAINS 2,4-D, TRICLOPYR, AND CLOPYRALID.

Weeds contacted by this product gradually die and disappear from the lawn.  
Treats (or covers) 5,000 Square Feet (50' x 100')

ACTIVE INGREDIENTS:

Triisopropanolamine Salt of 2,4-Dichlorophenoxyacetic Acid*	1.069%
Triethylamine Salt of 3,5,6-Tricloro-2-Pyridinyloxyacetic Acid**	0.079%
3,6-Dichloro-2-Pyridinecarboxylic Acid***	0.028%
INERT INGREDIENTS:	98.824%
TOTAL	100.000%

By Isomer Specific AOAC Method, Equivalent to:

*2,4-Dichlorophenoxyacetic Acid	0.573%
**3,5,6-Tricloro-2-Pyridinyloxyacetic Acid	0.057%
***3,6-Dichloro-2-Pyridinecarboxylic Acid	0.028%

GUARANTEED ANALYSIS:°

Total Nitrogen (N)	X%
X% Ammoniacal Nitrogen	
X% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	X%
Soluble Potash (K <sub>2</sub> O)	X%
Primary Plant Foods derived from Ammonium Phosphate, Sulfur Coated Urea, Urea, Triple Super Phosphate, and Muriate of Potash.	
Chlorine (Cl) Maximum	X%
The urea nitrogen in this product has been coated to provide X% coated slow release urea nitrogen.	

Fertilizer guaranteed by (Name of fertilizer registrant)

XRM-5202™ is a Trademark of Riverdale Chemical Company  
Riverdale is a Registered Trademark of Riverdale Chemical Company Patent No. 5,266,553

**IN NEW YORK STATE, THIS PRODUCT MAY ONLY BE SOLD TO AND USED BY PROFESSIONAL APPLICATORS AND IS PROHIBITED FROM SALE AND USE IN NASSAU AND SUFFOLK COUNTIES.  
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IN MASSACHUSETTS, DO NOT USE GRASS CLIPPINGS FROM TURF TREATED WITH THIS PRODUCT FOR COMPOSTING AND/OR MULCH IN THE GROWING SEASON OF APPLICATION.**

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND STATEMENT OF PRACTICAL TREATMENT

NET WEIGHT LBS.

EPA REG. NO. 228-340

EPA EST. NO. 228-IL-1

MANUFACTURED BY  
RIVERDALE CHEMICAL COMPANY  
BURR RIDGE, ILLINOIS 60527-0866

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS****CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. When using this product, wear long pants, long-sleeved shirt, socks and shoes when applying this product. After using this product, remove clothing and launder separately before reuse, and promptly and thoroughly wash hands and exposed skin with soap and water. The maximum number of broadcast applications per treatment site is 2 per year. Do not allow people (other than applicator) or pets on treatment area during application. Do not enter treatment areas until dust has settled.

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Flush eyes with plenty of water. Call a physician if irritation persists.

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic invertebrates. Drift or runoff may adversely affect aquatic invertebrates and nontarget plants. 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 washwaters.

Clopyralid, an active ingredient in this product, may leach through soil into groundwater under certain conditions of use. Use of this product where soils are permeable, particularly where the water table is shallow, may result in leaching to groundwater. Caution should be exercised when handling this product at mixing, loading, and disposal sites to prevent contamination of groundwater supplies. Use of closed systems for mixing or transferring this product will reduce the probability of spills. Placement of mixing/loading equipment on an impervious pad to contain spills will help prevent groundwater contamination.

**DIRECTIONS FOR USE**

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

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This product may be used on established Bahia, Bent\* (excluding golf course greens and tees), Bermuda\*, Blue Grass, Buffalo, Centipede\*, Fescue, Rye, and Zoysia\* grass. DO NOT USE on Centipede, Dichondra, St. Augustine, and Carpet grass. DO NOT USE this product where desirable clovers are present or allow the product to "wind drift" onto flowers, vegetables, ornamentals, shrubs, trees or other desirable plants.

\*Do not apply to these turfgrasses unless potential turf injury can be tolerated. To minimize grass injury, an additional application should be made no sooner than four weeks later. Avoid overlapping.

This product is designed to promote lush green growth in lawns and control many broadleaf weeds such as: Acacia, Alder, Artichoke, Aster, Austrian fieldcress, Bachelor button, Beggartick, Bident, Bindweed, Bitterweed, Bitter wintercress, Black medic, Blessed thistle, Blue lettuce, Box elder, Broomweed, Buckhorn, Buckwheat, Buffalobur, Bull thistle, Burdock, Bur ragweed, Buttercup, Canada thistle, Carpetweed, Catnip, Chamomile, Chickweed, Chicory, Clover, Cockle, Cocklebur, Coffeebean, Coffeeweed, Common sowthistle, Cornflower, Creeping jenny, Croton, Curly indigo, Dandelion, Dock, Dogbane, Dog fennel, Elderberry, Fanweed, Flea bane (daisy), Flixweed, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Groundsel, Gumweed, Hawksbeard, Hawkweed, Healall, Hemp, Henbit, Hoary cress, Honeysuckle, Horsetail, Horsetweed, Indiana mallow, Ironweed, Jewelweed, Jimsonweed, Kochia, Knapweed, Knotweed, Kudzu, Ladysthumb, Lambsquarter, Lespedeza, Locoweed, Lupine, Mallow, Marshelder, Meadow salsify, Mexicanweed, Morningglory, Musk

thistle, Mustard, Nettle, Nightshade,, 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, Red clover, Red sorrel, Rush, Russian thistle, St. Johnswort, Shepherdspurse, Sicklepod Smartweed, Sneezeweed, Southern wild rose, Sowthistle, Spanishneedle, Spatterdock, Speedwell, Spurge, Starthistle, Stinkweed, Sumac, Sunflower, Sweet clover, Tansy Ragwort, Tarweed, Teasel, Thistle, Toadflax, Tumbleweed, Velvet leaf, Veronica, Vervain, Vetch, Virginia creeper, Wild aster, Wild carrot, Wild geranium, Wild lettuce, Wild radish, Wild rape, Wild strawberry, Wild sweet potato, Willow, Witchweed, Wormseed, Yarrow, Yellow rocket, and other broadleaf weeds.

WHEN TO APPLY: Best results are obtained when weeds are growing actively in Spring or early Fall. Avoid contact with desirable shrubs, plants, vegetables, or flowers; especially when applying with a rotary (spinner) type spreader. Do not reseed for at least 3 to 4 weeks after application. Do not apply to newly seeded or sodded lawn until after 3 mowings. For optimum results (1) Avoid mowing 1 to 2 days before and after application; (2) Apply when grass is moist (after a rain, sprinkling or dew); (3) Avoid unnecessary disturbances, including watering of treated areas for 48 hours after application. Watering will wash off weed killing material; and (4) Avoid applying if rainfall is expected within 48 hours following treatment. Possible retreatment in approximately 30 days may be necessary if lawn is heavily overrun with weeds or if adverse low moisture conditions prevail and weeds are in a state of poor growth. Do not exceed recommended rates because damage to turf may occur.

NOTE: When applying to listed Warm Season Grasses - under conditions of inadequate moisture, high temperature and high humidity, over-application may cause minor transitory discoloration. It is recommended that during hot, dry conditions, application rates should be reduced 50% to avoid possible dehydration or browning of grass.

HOW TO APPLY: This 20(or 18)pound bag should be used on 5,000 square feet. Apply evenly with a lawn spreader as a one pass application. A two pass application, criss-crossing the area at half the rate each time is also acceptable.

The following settings are approximate for applying contents of this package at a suggested rate of 4(or 3.6 for 18 lb. Bag)pounds per 1,000 square feet. Settings are based on an average walking speed. Reduce setting for slower speed; raise setting for higher speed. Check your spreader on 250 square feet and adjust to apply at the rate of 1(.9 for 18 lb. Bag) pound per 250 square feet.

#### SPREADER SETTINGS

ONE PASS APPLICATION:°

<u>MAKE</u>	<u>SETTING</u>
Central Calibrated	5
Cyclone Broadcast	3-3/4
Jackson	5
Sears Broadcast	3
Sears	5
Scotts Calibrated	4

Sweep (do not wash) all fertilizer materials from surfaces immediately after application, because certain fertilizer ingredients can cause permanent stains. Wash out spreader after each use and allow it to dry thoroughly. Treat any exposed metal spreader areas with oil to reduce corrosion.

(The following paragraph is mandatory in Kentucky when the nitrogen analysis does not provide 1 pound of nitrogen per 1,000 square feet; otherwise, this information is optional.)

A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 square feet per growing season. When used as directed, this product will supplement your regular fertilizer program by providing \*(No. of lbs.) pounds of nitrogen per 1,000 square feet (optional P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O levels) and herbicide to control listed weeds. Please consult your local extension office for questions regarding a regular fertilizer program.

\*Based on Inert fertilizer claimed.



**STORAGE AND DISPOSAL**

**STORAGE:** Always use original container to store pesticides in a secured warehouse or storage building. Do not store near open containers or fertilizers, seeds, or other pesticides. Do not stack more than two pallets high. Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. If container is damaged or if pesticide has leaked, clean up all spilled material. Improper disposal of excess pesticide, spray mixtures or rinsate is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay away from smoke.

**NOTICE:** Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

(RV 031000A)

**OPTIONAL SPREADER INSTRUCTIONS:**

(Illustration)

For Drop Spreaders: First apply two strips at ends. Then apply product along the length of the lawn, overlapping very slightly and shutting off spreader when turning.

(Illustration)

For Rotary Spreaders: Apply in a circular path, starting on the outside and working toward the center, overlapping very slightly.

**OPTIONAL MARKETING STATEMENTS**

Contains XRM-5202™ - A Premium Selective Herbicide

**Environmental Benefits**

(Grasscycling Logo)

Besides increasing property values, did you know a well-maintained lawn provides the following benefits to your home and environment:

*Grass clippings and yard waste are approximately 20% of the volume in our nation's landfills. To do your part to reduce this amount, leave grass clippings on your lawn. Increased mowing height and frequency will produce smaller grass clippings that will decompose more readily so nutrients go back into your lawn.*

- ✓ A 50' x 50' lawn produces enough oxygen for a family of 4 every day
- ✓ Reduces Glare & Reduces Noise
- ✓ Traps Dust, Smoke Particles & other Pollutants
- ✓ Purifies Water & Modifies Temperature
- ✓ Improves Soil Condition & Controls Erosion

The following note will not be part of the actual label copy.

\*Note: Guaranteed (fertilizer) Analysis and Spreader Settings will vary among various commercial fertilizer manufacturers. Chlorine declaration and fertilizer guarantee are optional except where mandated by State fertilizer regulation.

**Editor's Note:**

<sup>1</sup>The State Sale and Use Prohibitions of this product must be part of printed label text for any product which might possibly enter the channels of trade in the states of New York, Washington and/or Massachusetts. The label prohibitions are optional for all other states.