

PM 23

228-281

6-26-98

10/11

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
247991

Application for Pesticide - Section I

1. Company/Product Number 228-281	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Riverdale Dissolve (R) Weed and Feed	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Riverdale Chemical Company 425 West 194th Street Glenwood, IL 60425-1584 <input type="checkbox"/> Check if this is a new address	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 _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION JUN 26 1998
<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.)

Added another optional marketing claim.

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 Russell F. Sawyer	Title Regulatory Affairs Manager	Telephone No. (Include Area Code) 708/754-3330
Certification 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.		6. Date Application Received (Stamped)
2. Signature	3. Title Regulatory Affairs Manager	
4. Typed Name Russell F. Sawyer	5. Date June 17, 1998	

RIVERDALE

JUN 26 1998

DISSOLVE® 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.

Weeds contacted by this product gradually die and disappear from the lawn.

Treats (or covers) 5,000 Sq. Ft. (50' x 100')

ACTIVE INGREDIENTS:†

Dimethylamine Salt of 2,4-Dichlorophenoxyacetic Acid*	0.56%
Dimethylamine Salt of 2-(2-Methyl-4-Chlorophenoxy)propionic Acid**	0.29%
Dimethylamine Salt of 2-(2,4-Dichlorophenoxy)propionic Acid***	0.29%

INERT INGREDIENTS:	98.86%
TOTAL	100.00%

ISOMER SPECIFIC AOAC METHOD, EQUIVALENT TO:

*2,4-Dichlorophenoxyacetic Acid	0.46%
**2-(2-Methyl-4-Chlorophenoxy)propionic Acid	0.24%
***2-(2,4-Dichlorophenoxy)propionic Acid	0.24%

GUARANTEED ANALYSIS:°

Total Nitrogen (N)	X%
X% Ammoniacal Nitrogen	
X% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	X%
Soluble Potash(K ₂ 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)

†DISSOLVE® - A Registered Trademark of Riverdale Chemical Company Patent No. 5,266,553

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. 228-281

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584

(Back Panel)

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

Causes moderate eye injury. Harmful if absorbed through skin. Avoid inhalation of dust and contact with eyes, skin, or clothing. 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 SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Flush eyes with water for 15 minutes. Get medical attention.

IF ON SKIN: Wash skin with soap and water. Get medical attention.

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.

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.**

DISSOLVE® WEED AND FEED is a stable mixture of three herbicides. It is for use on Ornamental Turf such as Lawns, Parks, Cemeteries, Golf Courses (Fairways, Aprons, Tees, and Roughs) and similar non-crop areas.

This product may be used on Bahia, common Bermuda, Bluegrass, Centipede, Fescue, Rye, St. Augustine, and Zoysia grass. **DO NOT USE** on Dichondra 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.

This product is designed to promote lush green growth in lawns and control many broadleaf weeds such as: Alder, Artichoke, Aster, Austrian fieldcress, Beggartick, Bident, Bindweed, Bitterweed, Bitter wintercress, 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, Flea bane (daisy), Flixweed, Florida pusley, Frenchweed, Galinsoga, Goatsbeard, Goldenrod, Ground ivy, Gumweed, Hawkweed, Healall, Heartleaf drymary, Hemp, Henbit, Hoary cress, Honeysuckle, Horsetail, Indiana mallow, Ironweed, Jewelweed, Jimsonweed, Kochia, Knotweed, Lambsquarter, Locoweed, Lupine, 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, Red clover, Red sorrel, Rush, Russian thistle, St. Johnswort, Sheep sorrel, Shepherdspurse, Smartweed, Sneezeweed, Southern wild rose, Sowthistle, Spanishneedle, Spatterdock, Speedwell, Spurge, Spurweed, Stinkweed, Stitchwort, Sumac, Sunflower, Sweet clover, Tarweed, Thistle, Toadflax, Tumbleweed, Velvet leaf, 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 other broadleaf weeds.

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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 Southern Grasses - under conditions of inadequate moisture, high temperature and high humidity, over-application may cause minor transitory discoloration on Centipede and St. Augustine grasses. 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 (18 or 16) 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 equal to one application.

The following settings are approximate for applying contents of this package at a suggested rate of 4 pounds (3.6 pounds for 18# bag, 3.2 pounds for 16# bag) 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 pound (.9 pound for 18# bag, .8 pound for 16# bag) 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/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 P₂O₅ and K₂O levels) and herbicide to control listed weeds. Please consult your local extension office for questions regarding a regular fertilizer program.

*Based in 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.

PRODUCT 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.

5011

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. (ERP 061594) (PR938 042194/RV 061798)

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 Dissolve® A Premium Broadleaf 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: Subregistrant Warranty Statements previously accepted by U.S.EPA for use on their own registered products are not included in this label.



60711

Alternate (Optional) Marketing and Fertilizer Statements

Provides Fast Green-Up & Slow Release for Long Feeding.

Easy to Use

Satisfaction Guaranteed

If you are not satisfied with the product results, simply send proof of purchase to (Name of Distributor) for replacement product voucher.

If you apply (product name) as directed, and are not completely satisfied, send proof of purchase from this bag and the cash register receipt to the address provided. We will promptly send your money back.

CONTAINS ELEVEN ESSENTIAL ELEMENTS, INCLUDING EXTENDED TIME-RELEASE NITROGEN, TO PRODUCE EXCELLENT RESULTS REGARDLESS OF GRASS TYPE OR SOIL QUALITY.

DUAL ACTION

SPECIAL FALL GRASS TIME-RELEASE FERTILIZER

GREENS IN AUTUMN HASTENS SPRING RECOVERY

KILLS WEEDS AND FORTIFIES YOUR LAWN.

FOR A LONG-LASTING QUICK GREEN LAWN

WITH SLOW-RELEASE NITROGEN FOR EXTENDED FEEDING

MONEY BACK GUARANTEE

NEVER SPREAD BY HAND (CR) NEVER APPLY BY HAND

DO NOT APPLY WHEN TEMPERATURE EXCEEDS 90°F

SATISFACTION GUARANTEED

KILLS OVER 140 TYPES OF WEEDS

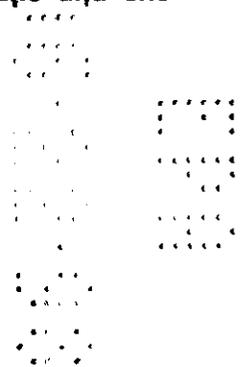
SOLD EXCLUSIVELY THROUGH (NAME OF STORES)

THE COUNTRY COTTAGE STORY

Country Cottage products are designed with the home gardener in mind. They are produced with only high quality ingredients and are designed to help you have a better garden and be a better gardener.

When you shop at an authorized Country Cottage Dealer you are getting more than just the best quality products. What you are also getting is years of experience and strong horticultural know-how to answer all your gardening questions and solve all of your gardening problems.

When you think about projects in your lawn and garden, think about your Country Cottage Dealer, the hometown neighbor, a premier garden center. The products you want and the advice you need, all at one convenient location.



Alternate (Optional) Marketing and Fertilizer Statements

EFFECTIVELY KILLS (OR CONTROLS) DANDELIONS AND BROADLEAF WEEDS

NITROGEN: Slow release for growing a thick green lawn

PHOSPHATE: Improves root growth and plant food storage capabilities.

POTASH: Vital for growth. Improves plant hardiness and drought resistance.

*Provides phosphate and potash plus time-released Nitrogen which encourages grass to fill in bare spots weeds leave behind.

*Contains Sulfur which helps maintain dark green color and encourages plants and root growth.

Controls a wide range of broadleaf weeds and feeds your lawn to help it grow thick and green!

Greens up to three times longer than ordinary soluble lawn fertilizers.

<p>_____ Length</p> <p>X _____ Width</p> <p>= _____ Total Sq. Ft.</p> <p>- _____ Non-Lawn Areas</p> <p>= _____ Total Sq. Ft. Coverage Needed</p>	<p>ILLUSTRATION</p>	<p>To determine how much you need, multiply the length of your lawn by its width. This equals your total square footage. Deduct any non-lawn areas (house, garden, etc). One bag covers 5,000 square feet.</p>
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Spreader settings are approximate. Differences may occur due to condition of spreader, speed at which applied and roughness of area treated. Be sure to check spreader at the beginning of the application; adjust spreader if necessary. Consult owner's manual. DO NOT HAND SPREAD. Close spreader openings when loading, turning or when stopped.

<p>ILLUSTRATION</p>	<p>Broadcast Spreader Settings One Pass Application</p> <p>Apply in a circular path, starting on the outside and working toward the center, overlapping very slightly.</p>	<p>ILLUSTRATION</p>
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<p>ILLUSTRATION</p>	<p>Drop Spread Settings One Pass Application</p> <p>First apply two strips at ends. Then apply product along the length of the lawn, overlapping very slightly and shutting off spreader when turning.</p>	<p>ILLUSTRATION</p>
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Rids your lawn of undesirable weeds and feeds it to help it grow thick and green! For best results, water lawn first. Apply (product name) while lawn is wet. Wait 48 hours, then water lawn as needed. DO NOT APPLY DURING TIME PERIODS WHEN THE MAXIMUM DAILY TEMPERATURE IS IN EXCESS OF 90° F.



<p>ILLUSTRATION</p>	<p>Broadcast Spreader Settings One Pass Application</p> <p>For best results, apply in a circular path starting on the outside and working toward the center. A little overlap of product will insure complete coverage.</p>	<p>ILLUSTRATION</p>
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<p>ILLUSTRATION</p>	<p>Drop Spread Settings One Pass Application</p> <p>First, apply 2 border strips along the edge of each end of the lawn. Then apply product along the length of the lawn, overlapping slightly and shutting off the spreader before turning as you reach the edge of the border strips.</p>	<p>ILLUSTRATION</p>
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Most fertilizers will stain sidewalks, patios, swimming pools and other concrete surfaces. Remove spillage promptly by sweeping, or vacuuming.

(Additional Optional Fertilizer and Advertising Information)

For use on Fescue, Rye, Blue and other listed grasses

Controls over 140 common lawn weeds while feeding your lawn with a premium blend of fertilizer nutrients that provide quick and extended greening.

Contains the 3 way power of Dissolve® for broadleaf, creeping and woody weeds.

For thick, green, weed-free turf.

Contains Poly-S® controlled released nitrogen for extended greening.

(For best results, use with other lawn care products in the [Seller-name] Fertilizer Program)

Sam Walton believed in the ability of American workers to produce the finest products in the world.

That's why we're searching the USA to create something special. Innovative products, made to our own higher standards, that we're proud to call Sam's American Choice™. We believe these products, available at Wal-Mart and Wal-Mart Supercenters, offer better value than the leading national brands at the always low Wal-Mart prices. We think you'll agree, or we'll refund your money, no questions asked!

"Better products at the always low Wal-Mart prices..."

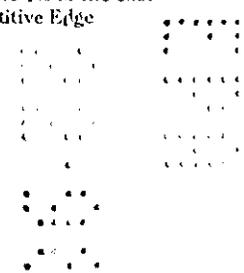
Always
We guarantee it.

Sam Walton
Sam Walton

BARRICADE® IS A REGISTERED TRADEMARK OF NOVARTIS.

COMPETITIVE EDGE SCHOLARSHIP FUND

In the next 10 years, the United States will have the jobs Americans need, but Americans may not have the skills these jobs demand. To have a competitive edge in the future, America must have a well-educated, trained work force. To help achieve this goal, Wal-Mart and our vendor partner will each donate 10% of the cost of this product to our Competitive Edge Scholarship Program.



OUR ENVIRONMENT:

(ILLUSTRATION)

- * Exclusive DeepGreen® Feeding System Helps Improve A Lawn's Winter Hardiness While Eliminating Weeds.
- * Exclusive DeepGreen® Feeding System Keeps Lawns Green Whatever the Growing Conditions - Hot or Cold, Wet or Dry, While Controlling Weeds.
- * Builds Strong Root Systems And Promotes Spring Green-Up.
- * Greens up to Three Times Longer than Ordinary Soluble Lawn Fertilizer.
- * 100% Satisfaction Guaranteed. * Toll-Free Help line: 1-888-XXXXX-1

(Logo) DeepGreen - Whatever the Weather - Hot, Cold, Wet, Dry

EXPERIENCE THE (SELLER'S NAME) ADVANTAGE™

(Seller's Name) has the extraordinary DeepGreen® nutrient delivery system containing an exclusive (or both IBDU® and) polymer-coated time-release nitrogen source(s), assuring you the predictable, continuous feeding ordinary soluble lawn fertilizers can't deliver. So you'll enjoy the advantage of a consistently beautiful lawn week after week.

(Illustration)

Greening Effect

(Seller's) DeepGreen® System Feeds Your Lawn Continuously When Ordinary Soluble Fertilizers Can't.

Effectively Controls/kills Dandelions and Other Broadleaf Weeds.

The above suggested spreader settings are approximate. In general, spreaders should be calibrated to apply 1 lb. of this fertilizer product per 275 square feet of lawn.

Be sure to close spreader openings when loading, turning or when stopped.

(SELLER'S NAME) 100% GUARANTEE OF SATISFACTION

If not totally satisfied with the results of this product, simply send proof of purchase and a brief description of your problem to (Seller name & address) for a prompt refund.

(SELLER'S NAME) HELP LINE

Questions concerning lawn care or fertilizer application? Just call toll free 1-888-XXXXXX-1

Made in the U.S. (with flag illustration)

For Professional Use Only

OPTIONAL LIABILITY STATEMENTS:

Do not apply this product to "Floratam" St. Augustine grass in Florida.

Do not allow animals to graze on areas treated with this product.



Sam's Choice™ Fertilizer Program

The following represents the suggested application timing of the products listed in the Sam's Choice™ Program. Abnormal climatic conditions can affect appropriate timing.

U.S. Climate Zones:



- Bluegrass, Ryegrass, Fine & Tall Fescues
- Bluegrass, Ryegrass, Fine & Tall Fescues, Bermudagrass, Zoysiagrass
- Common Bermudagrass, Zoysiagrass, Centipedegrass, Bahiagrass, St. Augustine

Four steps to a more beautiful lawn! Begin the program by simply applying the product that corresponds to the current season - it's that easy!

Step 1. Sam's Choice™ CRABGRASS PREVENTER plus LAWN FOOD

- Nourishes your lawn while aiding in the prevention of crabgrass and grassy weeds. ■ Apply March - April
- Contains Barricade® non-staining, pre-emergent herbicide. ■ Apply early March - mid April
■ Apply mid February - late March



Step 2. Sam's Choice™ WEED & FEED

- Premium blended fertilizer provides weed control and nutrients to encourage quick and extended greening. ■ Apply mid April - late June
- Contains a herbicide that controls most common lawn weeds. ■ Apply late March - May
■ Apply mid March - mid May



Step 3. Sam's Choice™ LAWN FOOD

- A premium blend of fertilizer nutrients for quick and extended greening, with added iron for more luxuriant color. ■ Apply June - August
- Apply mid May - early September
■ Apply mid April - September



Step 4. Sam's Choice™ WEED & FEED or LAWN FOOD

- Weed & Feed fertilizes while controlling existing weeds; if weeds are not evident use Lawn Food to nourish your lawn. ■ Apply mid August - mid October
- Both contain a premium blend of fertilizer nutrients that provide quick and extended greening. ■ Apply September - late October
■ Apply mid September - mid November



GreenThumb Fertilizer Program

The following represents the suggested application timing of the products listed in the GreenThumb Program. Abnormal climatic conditions can affect appropriate timing.

U.S. Climate Zones:



- Bluegrass, Ryegrass, Fine & Tall Fescues
- Bluegrass, Ryegrass, Fine & Tall Fescues, Bermudagrass, Zoysiagrass
- Bermudagrass, Zoysiagrass, Centipedegrass, Bahiagrass, St. Augustinegrass

GreenThumb Premium Crabgrass Preventer + Lawn Fertilizer

- Promotes a lush, green lawn while controlling crabgrass and most other annual weed grasses. ■ Apply mid March - April
- Contains the pre-emergent herbicide, Team® ■ Apply early March - mid April
■ Apply mid February - late March

GreenThumb Premium Weed & Feed Lawn Fertilizer

- Controls over 140 broadleaf weeds, including Dandelion, Plantain, Chickweed, Knotweed, Henbit and Spurge. ■ Apply mid April - late June
- Contains the premium broadleaf herbicide Dissolve- ■ Apply late March - May
■ Apply mid March - mid May

GreenThumb Premium Lawn Fertilizer

- Specially formulated to promote even, lush growth of your grass. ■ Apply June - August
- Contains slow release nitrogen to extend feeding of the lawn. ■ Apply mid May - early September
■ Apply mid April - September

GreenThumb Premium Summerizer Lawn Fertilizer

- Special non-burning formula, when used as directed, for light summer application. ■ Apply June - August
- Contains slow release nitrogen to extend feeding of the lawn. ■ Apply mid May - early September
■ Apply mid April - September

GreenThumb Premium Winterizer Lawn Fertilizer

- Formulated for fall application to prepare your turf for winter. ■ Apply September - late mid October
- Contains slow release nitrogen to extend feeding of the lawn. ■ Apply September - late October
■ Apply September - mid November

NAME & TITLE, THE OFFICE/WORK, REGION, REGIONAL CHEMICAL CO., PHONE NO. 5.284.553

11/27/11

Special nutrient formulation greens and thickens fall lawns and encourages root development for quicker greenup in the spring. Controls over 140 weeds.

Contains the 3-Way Power of Dissolve® for fall control of Broadleaf, Creeping and Woody Weeds.

For thick, green lawns this fall and next spring.

Controls dandelions and over 140 other weeds.

X% Nitrogen: Gives lawns their green color. Fertilizers with controlled release nitrogen formulas will feed and green your lawn over a longer period of time.

X% Phosphate: This nutrient is important for normal root development. Good roots are vital for grass to take up water and nutrients.

X% Potassium: Also called potash, helps lawns better tolerate extreme weather conditions. Contributes to the overall vigor of grass.

Additional Step 4 to Sam's Choice Fertilizer Program:

Step 4. Sam's Choice™ WINTERIZER LAWN FOOD OR WEED & FEED

- * Winterizer Weed & Feed fertilizes while controlling existing weeds; if weeds are not evident, use Winterizer Lawn Food to nourish your lawn and prepare it for winter.
- * Both contain a premium blend of fertilizer nutrients that help your lawn through the winter and speed greening in the spring.

Apply mid August-mid October

Apply September - late October

Apply mid September - mid November

(Diagram of bags)

To determine square footage of application area, follow calculation to the right.

