



OFFICE: 425 WEST 194th STREET, GLENWOOD, IL 60425-1584  
PLANT: 220 EAST 17th STREET, CHICAGO HEIGHTS, IL 60411-3899

April 30, 1993

Ms. Joanne I. Miller  
Product Manager (23)  
Registration Division - H7505C  
U.S. Environmental Protection Agency  
Crystal Mall Bldg. #2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Dear Ms. Miller:

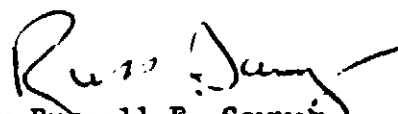
Subject: 2,4-D Exposure Reduction Program Label Revisions Due 3/1/93  
Label Corrections

Following the submission of approximately sixty (60) labels, we conducted an audit and found, for more reasons than we care to go in to, it became necessary to correct the majority of the labels previously submitted.

We have made two copies of each corrected label. We respectfully request that they be entered in to our registration file as replacements. We apologize for any inconvenience this may cause the Agency.

Sincerely yours,

RIVERDALE CHEMICAL COMPANY

  
By Russell F. Sawyer  
Regulatory Affairs Manager

RFS:ls

Enc.

## RIVERDALE

FERTILIZER PLUS 2,4-D  
X - X - X

FOR ORNAMENTAL TURF USE

This product is designed for the control of dandelions and many other broadleaf weeds. Weeds contacted by this product gradually die and disappear from the lawn. Non-burning when used as directed. See back panel for a complete list of weeds controlled by this product.

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

## ACTIVE INGREDIENT:

Isooctyl (2-ethylhexyl) Ester of 2,4-Dichlorophenoxyacetic Acid\* ..... 1.00%

INERT INGREDIENTS: ..... 99.00%

TOTAL ..... 100.00%

\*Isomer Specific by AOAC Method, Equivalent to 2,4-Dichlorophenoxyacetic Acid .. 0.66%

## GUARANTEED ANALYSIS:°

Total Nitrogen (N) ..... XZ

XZ Ammoniacal Nitrogen

XZ Urea Nitrogen

Available Phosphoric Acid (P<sub>2</sub>O<sub>5</sub>) ..... XZSoluble Potash (K<sub>2</sub>O) ..... XZ

Primary Plant Foods derived from Ammonium Phosphate, Sulfur  
Coated Urea, Urea, Triple Super Phosphate, and Muriate of Potash

Chlorine Maximum ..... XZ

The urea nitrogen in this product has been coated to provide  
XZ coated slow release urea nitrogen.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT - 20 LBS.

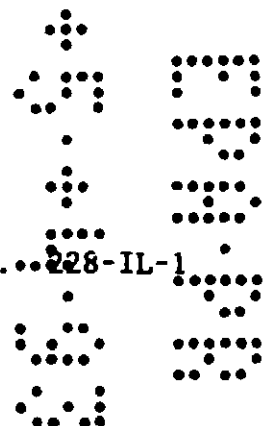
EPA REG. NO. 228-153

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

Avoid inhalation of dust and contact with eyes, skin, or clothing. When using this product, wear long-sleeved shirt, long pants, 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 dusts have settled.

## STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Get Medical Attention.  
 IF IN EYES: Flush Eyes with Water for 15 Minutes. Get medical attention.  
 IF ON SKIN: Wash skin with Soap and Water.

## 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, 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.

Most cases of groundwater contamination involving phenoxy herbicides such as 2,4-D have been associated with mixing/loading and disposal sites. Caution should be exercised when handling 2,4-D pesticides at such sites to prevent contamination of groundwater supplies. Use of closed systems for mixing and transferring this pesticide will reduce the probability of spills. Placement of the 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.

NOTE: Do not apply on Lippia, St. Augustine, Bentgrass or Dichondra. DO NOT USE this product where desirable clovers are present.

This product is designed to promote lush green growth and control many broadleaf weeds in lawns, such as:

Bindweed	Fanweed	Lambsquarters	Pigweed
Buckhorn	Goldenrod	Mallow	Plantain
Burdock	Ground ivy	Morningglory	Purslane

429

Chickweed	Healall	Mustard	Ragweed
Chicory	Henbit	Nettles	Smartweed
Cocklebur	Jewelweed	Oxalis	Speedwell
Creeping Jenny	Jimsonweed	Pennywort	Thistle
Dandelion	Kochia	Peppergrass	Yarrow

and many other weeds susceptible to 2,4-D

**WHEN TO APPLY:** Best results are obtained when weeds are growing actively in Spring or early Fall. Apply when grass is moist (after a rain, sprinkling or dew). For most effective broadleaf weed killing action, avoid unnecessary disturbances, including watering, of treated areas for 48 hours after application. Watering will wash off weed killing material. Do not apply if rainfall is expected within 48 hours following treatment. Avoid contact with desirable shrubs, plants, vegetables, or flowers. 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 over-apply. 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.

**HOW TO APPLY:** This 20 pound bag should be used on 5000 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 suggested rate of 4 lbs. per 1000 sq. ft. Settings are based on an average walking speed. Reduce setting for slower speed; raise setting for higher speed. Check your spreader on 250 sq. ft. and adjust to apply at the rate of 1 lb. per 250 sq. ft. Clean spreader thoroughly after use.

#### SPREADER SETTINGS FOR ONE PASS APPLICATION:°

MAKE	SETTING	MAKE	SETTING
Cyclone	5-1/4 - 5-3/4	Montgomery Ward's	
Scott's 35	4-1/2	1091,1093,1095	6-3/4
Scott's C-1	J - L	Montgomery Ward's	
Central	7 - 8	1080,1081	5
K-Mart	7 - 8	Precision	6

Sweep all fertilizer materials from concrete surfaces immediately after application. Do not wash material from concrete surfaces because fertilizers which contain iron may cause discoloration upon oxidation.

#### STORAGE AND DISPOSAL

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

**PRODUCT 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 you State Pesticide or Environmental Control

529  
Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

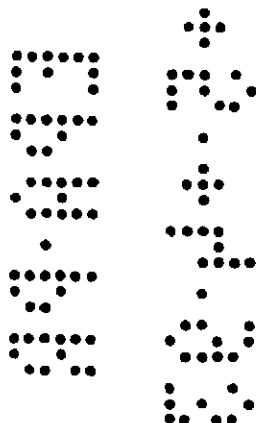
CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay away from smoke.

OPTIONAL GUARANTEE: Seller Policy - 100% satisfaction guaranteed. If for any reason you are not satisfied with the results after using this premium product, you are entitled to get your money back. Simply bring proof of purchase to any seller location.

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)

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

\*NOTE: Guaranteed (fertilizer) Analysis and Spreader Settings will vary among various commercial fertilizer manufacturers.



(Non-Commercial Label)

6 of 9

RIVERDALE

FERTILIZER PLUS 2,4-D

X - X - X

FOR ORNAMENTAL TURF USE

This product is designed for the control of dandelions and many other broadleaf weeds. Weeds contacted by this product gradually die and disappear from the lawn. Non-burning when used as directed. See back panel for a complete list of weeds controlled by this product.

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

ACTIVE INGREDIENT:

Isooctyl (2-ethylhexyl) Ester of 2,4-Dichlorophenoxyacetic Acid\* ..... 1.00%

INERT INGREDIENTS: ..... 99.00%

TOTAL ..... 100.00%

\*Isomer Specific by AOAC Method, Equivalent to 2,4-Dichlorophenoxyacetic Acid .. 0.66%

GUARANTEED ANALYSIS:

Total Nitrogen (N) ..... XZ

XZ Ammoniacal Nitrogen

XZ Urea Nitrogen

Available Phosphoric Acid (P<sub>2</sub>O<sub>5</sub>) ..... XZ

Soluble Potash (K<sub>2</sub>O) ..... XZ

Primary Plant Foods derived from Ammonium Phosphate, Sulfur Coated Urea, Urea, Triple Super Phosphate, and Muriate of Potash

Chlorine Maximum ..... XZ

The urea nitrogen in this product has been coated to provide XZ coated slow release urea nitrogen.

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT - 20 LBS.

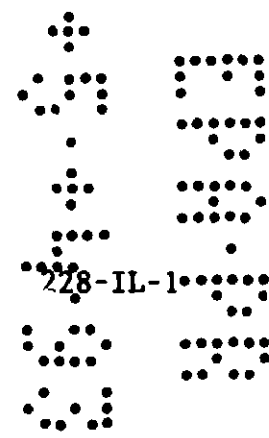
EPA REG. NO. 228-153

EPA EST. NO. 228-IL-1

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY

GLENWOOD, ILLINOIS 60425-1584



7 of 9

## (Back Panel)

## PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## CAUTION

Avoid inhalation of dust and contact with eyes, skin, or clothing. When using this product, wear long-sleeved shirt, long pants, 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 dusts have settled.

## STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Get Medical Attention.  
 IF IN EYES: Flush Eyes with Water for 15 Minutes. Get medical attention.  
 IF ON SKIN: Wash skin with Soap and Water.

## 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, 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.

NOTE: Do not apply on Lippia, St. Augustine, Bentgrass or Dichondra. DO NOT USE this product where desirable clovers are present.



This product is designed to promote lush green growth and control many broadleaf weeds in lawns, such as:

••••• Birdweed	••••• Fanweed	••••• Lambsquarters	••••• Pigweed
••••• Buckhorn	••••• Goldenrod	••••• Mallow	••••• Plantain
••••• Burdock	••••• Ground ivy	••••• Morningglory	••••• Purslane
••••• Chickweed	••••• Healall	••••• Mustard	••••• Ragweed
••••• Chicory	••••• Henbit	••••• Nettle	••••• Smartweed
••••• Cocklebur	••••• Jewelweed	••••• Oxalis	••••• Speedwell
••••• Creeping Jenny	••••• Jimsonweed	••••• Pennywort	••••• Thistle
••••• Dandelion	••••• Kochia	••••• Peppergrass	••••• Yarrow

and many other weeds susceptible to 2,4-D

**WHEN TO APPLY:** Best results are obtained when weeds are growing actively in Spring or early Fall. Apply when grass is moist (after a rain, sprinkling or dew). For most effective broadleaf weed killing action, avoid unnecessary disturbances, including watering, of treated areas for 48 hours after application. Watering will wash off weed killing material. Do not apply if rainfall is expected within 48 hours following treatment. Avoid contact with desirable shrubs, plants, vegetables, or flowers. 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 over-apply. 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.

**HOW TO APPLY:** This 20 pound bag should be used on 5000 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 suggested rate of 4 lbs. per 1000 sq. ft. Settings are based on an average walking speed. Reduce setting for slower speed; raise setting for higher speed. Check your spreader on 250 sq. ft. and adjust to apply at the rate of 1 lb. per 250 sq. ft. Clean spreader thoroughly after use.

#### SPREADER SETTINGS FOR ONE PASS APPLICATION:°

MAKE	SETTING	MAKE	SETTING
Cyclone	5-1/4 - 5-3/4	Montgomery Ward's	
Scott's 35	4-1/2	1091,1093,1095	6-3/4
Scott's C-1	J - L	Montgomery Ward's	
Central	7 - 8	1080,1081	5
K-Mart	7 - 8	Precision	6

Sweep all fertilizer materials from concrete surfaces immediately after application. Do not wash material from concrete surfaces because fertilizers which contain iron may cause discoloration upon oxidation.

#### 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 other feed or foodstuffs. To prevent cross-contamination, do not store near other fertilizers, or near herbicides, insecticides, fungicides or seeds.

**PRODUCT DISPOSAL:** To dispose of bag which contain 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.

**OPTIONAL GUARANTEE:** Seller Policy - 100% satisfaction guaranteed. If for any reason you are not satisfied with the results after using this premium product, you are entitled to get your money back. Simply bring proof of purchase to any seller location.