

Reg # 228-296

PM 23

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (M7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
228-296

Date of Issuance:
NOV 02 1994

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:
Conditional

Name of Pesticide Product:
Riverdale Veteran
2010 Herbicide

Name and Address of Registrant (include ZIP Code):

Riverdale Chemical Company
425 West 194th Street
Glenwood, IL 60425-1584

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes before you release the product for shipment:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 228-296".
3. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Signature of Approving Official:

Date: NOV 02 1994

CONCURRENCES

SYMBOL	EPA Form 8570-6						
SURNAME	Cooke						
DATE	11/2/94						

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Joanne I. Miller
Product Manager 23
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

MARY M. COOKE; FHB:11/02/94: X 7830

CONCURRENCES

SYMBOL							
SIRNAME							
DATE							

3.94
H.R.C.

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
DANGER

Corrosive. Causes eye damage. Do not get in eyes, on clothing, harmful if swallowed. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Applicators and other handlers must wear eye protection.

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with water for 15 minutes. Get medical attention.
IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by sticking finger down back of throat. Never induce vomiting or give anything by mouth to an unconscious person.
IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

USER SAFETY RECOMMENDATIONS

USERS SHOULD: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

Keep out of lakes, streams or ponds. Drift or run-off may adversely affect nontarget plants. For terrestrial uses, 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. When cleaning equipment, do not pour washwater on the ground; spray or drain over a large area away from wells and other water sources.

Most cases of groundwater contamination involving phenoxy herbicides such as MCPA have been associated with mixing/loading and disposal sites. Caution should be exercised when handling MCPA 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.

IMPORTANT: Do not apply Veteran™ 2010 herbicide directly to or allow spray drifts to come in contact with vegetables, flowers, grapes, tomatoes, potatoes, sugar beets, beans, or other desirable plants. (Coarse sprays are less likely to drift.) Do not contaminate domestic or irrigation water. Do not store in direct contact with fertilizer, seed, insecticides or fungicides. Thoroughly clean spray equipment with a suitable chemical cleaner before using for other purposes. When container is empty, immediately wash thoroughly and destroy. Do not graze treated areas or harvest for dairy feed prior to crop maturity. Do not apply (except as recommended) or clean equipment on or near desirable trees or other plants, or on areas where roots may extend, or in locations where the chemical may be washed or moved into contact with their roots.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Apply this product only as directed on the label.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Not for use on (1) turf being grown for sale or other commercial use as sod, (2) trees being grown for sale or other commercial use, or for the production of timber or wood products, (3) turf, trees, crops, timber or other plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

NONCROPLAND USE: (Roadsides, fence rows and similar areas.) For top growth control of field bindweed, Canada thistle, perennial sowthistle, Russian knapweed and leafy spurge, apply 3.2 to 6.4 pints of Veteran™ 2010 herbicide (1/2 to 1 pound of dicamba and 1 to 2 pounds of MCPA) per acre. For spot treatment, apply 1 teaspoonful of Veteran™ 2010 herbicide per 1 to 2 square rods. Apply as a foliar spray to actively growing plants.

BRUSH AND BROADLEAF WEED CONTROL
SPECIES CONTROLLED

When used as directed, Veteran 2010 Herbicide will control or suppress many herbaceous broadleaf weeds (annual, biennial, and perennial) as well as many unwanted woody plant and vine species. Species controlled include:

Buckwheat	ANNUALS	Pigweed
Carpetweed	Daisy, English	Purslane
Chickweed	Henbit	Ragweed
Clover	Knawel	Smartweed
Cocklebur	Wild Lambsquarters	Velvetleaf
	Morningglory	
	Mustard	

ACCEPTED
with COMMENTS
In EPA Letter Dated

NOV 02 1994

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

728-296

Riverdale

VETERAN™ HERBICIDE

FOR COMMERCIAL USE ONLY

ACTIVE INGREDIENTS:

Dimethylamine salt of dicamba (3,6-dichloro-o-anisic acid)
Dimethylamine salt of related acids
Dimethylamine salt of 2-methyl-4-chlorophenoxy-acetic acid

INERT INGREDIENTS:

Contains: 1.25 Pounds Per Gallon Dicamba
2.50 Pounds Per Gallon MCPA

SHAKE WELL BEFORE USING
READ THE LABEL
FOLLOW DIRECTIONS

KEEP OUT OF THE REACH OF CHILDREN
DANGER - PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique.
(If you do not understand the label, find someone to explain it.)

STATEMENT OF PRACTICAL TREATMENT
If in eyes, flush with water for 15 minutes.
See Back Panel for additional precautionary information.

NET CONTENTS:

GAL

EPA Reg. No. 228-

MANUFACTURED BY
RIVERDALE CHEMICAL COMPANY
425 WEST 194TH STREET
GLENWOOD, IL 60425-1584

BEST AV

48 in

BIENNIALS		Thistle, M
Ragwort, Tansy		
PERENNIALS		
Bindweed, Field	Dogfennel	Sorrel, S.
Carrot, Wild	Knapweed, Russian	Spurge, Leafy
(Queen Anne's Lace)	Milkweed	Thistle, Canada
Dock, Curly	Ragweed, Perennial	Toadflax, Dalmanion
WOODY BRUSH AND VINES		
Alder	Hemlock	Sagebrush
Ash	Honeysuckle	Brazil Peppertree,
Aspen	Ivy, Poison	Christmas-berry)
Basswood	Kudzu	(Florida Holly,
Beech	Locust	Serviceberry
Birch	Maple	Snowberry
Blackberry	Oak	Spruce
Cherry	Olive, Russian	Sumac
Creeper, Virginia	Persimmon	Sycamore
*Creosotebush	Pine	Trumpetcreeper
Cucumber-tree	Plum, Wild	Waxmyrtle
Dogwood	Poplar	Willow
Elderberry	Puncturevine	Witchhazel
Elm	Raspberry	Yaupon
Gum	Redcedar, Eastern	
Hawthorn	Redvine	
	Rinse, Multiflora	

*Suppression

APPLICATION DIRECTIONS

Regardless of the species to be controlled, spray volumes should be high enough to allow for good spray coverage. Make applications when weeds and brush are actively growing. The addition of surfactants can increase control. Biennials are best controlled when treated in the rosette stage. Regrowth may occur on resistant species. Retreatments may be made as needed, however, do not exceed a total of 4.8 gallons (6 lbs. a.i. dicamba + 12 lbs. a.i. MCPA) of Veteran 2010 Herbicide per treated acre during a growing season. For control of hard-to-kill woody species, a tankmix may be necessary. Tankmix recommendations are for use only in states where the tank mix product and application site are registered. Read and follow all label directions.

HERBACEOUS BROADLEAF WEED CONTROL

Apply 3/4 to 3 1/4 quarts Veteran 2010 Herbicide in 20 to 100 gallons of water per treated acre. 3/4 to 2 quarts of Veteran 2010 Herbicide is recommended for annuals, 2 to 3-1/4 quarts for biennials and easy-to-kill perennials, and 3-1/4 quarts for established perennials. Do not apply more than 2-1/3 gallons of product per treated acre.

WOODY BRUSH AND VINE CONTROL

High Volume Foliar Spot Applications: Mix 1 to 2-1/3 gallons of Veteran 2010 Herbicide in enough water to make 100 gallons of spray mix. Spray volume applied will depend on the size and density of the brush to be treated, but do not apply more than 2-1/3 gallons of product per treated acre. Direct the spray to treat all foliage, stems, and root collars to wet.

Broadcast Applications with Ground Equipment: Apply 1 to 2-1/3 gallons Veteran 2010 Herbicide in 20 to 100 gallons of water per treated acre. Spray volume applied will depend on the size and density of the brush to be treated, but do not apply more than 2-1/3 gallons of product per treated acre. Spray all foliage, stems, and root collars to wet.

AERIAL APPLICATIONS

Aerial applications may be made to control either herbaceous or woody plants. Apply 1 to 3-1/4 quarts Veteran 2010 Herbicide (for herbaceous weeds) or 1 to 2-1/3 gallons Veteran 2010 Herbicide (for woody brush and vines) in 5 to 40 gallons of water per treated acre. Coverage is important, so increase spray volume when treating dense stands of brush or weeds. Do not apply more than 2-1/3 gallons of product per treated acre.

TANK MIX TREATMENTS

TANK MIX RECOMMENDATIONS ARE FOR USE ONLY IN STATES WHERE THE TANK MIX PRODUCT AND APPLICATION SITE ARE REGISTERED. READ AND FOLLOW THE LABEL OF EACH TANK MIX PRODUCT USED FOR PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE, AND OTHER RESTRICTIONS. For broader spectrum control, Veteran 2010 Herbicide may be tank mixed with one or more of the following Herbicides for noncropland uses (e.g. railroad, highway, pipeline, etc.) including forest management applications, if permitted by product labeling (e.g. MCPA). Add water to the spray tank prior to the addition of the tank mix products. Do not premix concentrates.

HERBICIDE	Rate (lbs. a.i./Acre)
Austlan (Asulox®)	2.92 to 6.68
Bromach (Hyvar®)	1.6 to 24.0
Chlorosulfuron (Telar®)	0.1875 to 2.25 oz.***
Dicamba (Banvel®)	0.25 to 8.0****
Duron (Karmex®)	4.0 to 48.0
Fosamine ammonium (Krenite®)	6.0 to 12.0
Glyphosate (Roundup®)	0.75 to 3.75
Hexazinone (Velpar®)	0.675 to 10.6
Imazapyr (Arsenal®)	0.5 to 1.5
MSMA	1.0 to 2.475
Picloram* (Tordon®)	2.0 to 3.0
Simazine* (Princep®)	4.8 to 40.0
Sulfometylon methyl (Oust®)	0.75 to 9.0 oz.***
Tebuthiuron (Spike®)	1.0 to 16.0
Triclopyr (Garlon®)	0.75 to 12.0
2,4-D	0.475 to 16.92****
2,4-DB	0.5 to 11.1

Due to variations that may occur in formulated products and specific use ingredients (e.g. water supplies) a COMPATIBILITY TEST as described on this label is recommended prior to actual tank mixing.

- * Restricted use pesticides limited to certified applicators.
- ** Telar = 0.1875 to 2.25 oz. a.i./A (0.25 to 3.0 oz. product/A)
- *** Oust = 0.75 to 9.0 oz. a.i./A (1.0 to 12.0 oz. product/A)
- **** Do not exceed a total of 8 lbs. a.i. dicamba per treated acre per growing season (Veteran 2010 Herbicide contains 1.25 lb. a.i. dicamba per gallon)
- ***** Use of extremely hard water (500 ppm) may cause this product to form a precipitate when used in a tank mix with Veteran 2010 Herbicide. Do not exceed 16 lbs. total MCPA acid equivalent per treated acre per growing season. (Veteran 2010 Herbicide contains the equivalent of 2.5 lbs./gal. MCPA acid)
- + Not registered for use in California

COMPATIBILITY TEST

Before mixing in the spray tank, it is advisable to test compatibility by mixing all components in a small container in proportional quantities (see following table).

Amount of Herbicide to Add to One Pint of Spray Carrier (Assuming Volume is 25 Gallons per Acre)		
HERBICIDE FORMULATIONS	RATE PER ACRE	LEVEL TEASPOONS
Dry	1 lb	1-1/2
Liquid	1 Pt	2

If herbicides do not ball-up or form flakes, sludge, gels, oily films or layers, or other precipitates, then the tested components are compatible. Usually incompatibility in any of the above described forms will occur within 5 minutes after mixing.

If components are incompatible, the use of a compatibility agent is recommended. Rerun the above COMPATIBILITY TEST with a suitable compatibility agent (1/4 teaspoon is equivalent to 2 pints per 100 gallons of spray solution).

PROCEDURE FOR CLEANING SPRAY EQUIPMENT

- The steps listed below are suggested for thorough cleaning of spray equipment following applications of Veteran 2010 Herbicide or tank mixes of Veteran 2010 Herbicide plus MCPA amine.
- 1) Hose down thoroughly the inside as well as outside surfaces of equipment while filling the spray tank half full of water. Flush by operating sprayer until the system is purged of the rinse water.
 - 2) Fill tank with water while adding 1 quart of household ammonia for every 25 gallons of water. Operate the pump to circulate the ammonia solution through the sprayer system for 15 to 20 minutes and discharge a small amount of the ammonia solution through the boom and nozzles. Let the solution stand for several hours, preferably overnight.
 - 3) Flush the solution out of the spray tank through the boom.

- 4) Remove the nozzles and screens and flush the system with two full tanks of water. The steps listed below are suggested for thorough cleaning of spray equipment used to apply Veteran 2010 Herbicide as a tank mix with wettable powders (WP), emulsifiable concentrates (EC), or other types of water-dispersible formulations. Veteran 2010 Herbicide tank mixes with water-dispersible formulations require the use of a water/detergent rinse.
- 5) Complete step 1.
- 6) Fill tank with water while adding 2 lbs. of detergent for every 40 gallons of water. Operate the pump to circulate the detergent solution through the boom and nozzles. Let the solution stand for several hours. Preferably overnight.
- 7) Flush the detergent solution out of the spray tank through the boom.
- 8) Repeat step 1, and follow with steps 2, 3, and 4.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or 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. Store at temperature above 32°F. If allowed to freeze, warm to at least 40°F and remix before using. Freezing does not alter this product. Containers should be opened in well-ventilated areas. Keep container tightly sealed when not in use. Do not stack cardboard cases more than two pallets high.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residue is a violation of Federal Law. If container is damaged or if pesticide has leaked, contain all spillage. Absorb and remove all spilled material with granules or sand. Place in a closed labeled container for proper disposal. 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: Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or if allowed by State and Local authorities by burning. If burned, stay out of smoke.

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 Princep® is a registered trademark of Ciba-Geigy Corporation.
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 Spike® is a registered trademark of DowElanco.
 Roundup® is a registered trademark of Monsanto Agricultural Products Co.
 Asulox® is a registered trademark of Rhone-Poulenc Chemical Company.
 Banvel® is a registered trademark of Sandoz Ltd.
 Mondak® is a registered trademark of Sandoz Agro Inc.

LIMITED WARRANTY AND LIABILITY

NOTICE: Read this Limited Warranty and Liability before buying or using this product. If the terms are not acceptable, return it at once unopened. It is critical that this product be used and mixed only as specified on the label. The laws of a State may make some or all of this paragraph inapplicable or may give you rights in addition to your rights hereunder. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of this Company or any other Seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved. Except to the extent prohibited by State law, there is no warranty, and this Company and other Sellers disclaim all liability for losses, personal injury or damages (i) arising from any use of this product in a manner or for a purpose not recommended in its label directions, or from mixing this product before use with any substance except as recommended by the product's label, (ii) arising from handling or storage in violation of label instructions, (iii) for all indirect, special or consequential damages, (iv) when not reported to this Company within one year of discovery, and (v) arising from product not used within the label-designated shelf life of four years from date of purchase, whichever first occurs. THERE ARE NO IMPLIED WARRANTIES AND NO WARRANTIES OF MERCHANTABILITY OR FITNESS.

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