

M C P

For Selective Control of Certain Weeds

ACTIVE INGREDIENTS:

DIRECTIONS FOR USE:

NON-CROP SPRAYING

CANADA THISTLE, WHITE TOP AND MEADOW BUTTERCUP (In Non Crop Areas such as Road sides, Fence Rows, Rights-of-Ways and similar Places). For spot treatment use $\frac{1}{2}$ pint to 3 to 4 gallons of water, or $\frac{1}{4}$ gallon per acre in sufficient water to give coverage for most extensive areas. Spray to wet weeds thoroughly when in bud to early bloom and again on fall regrowth.

Local conditions may affect the use of this chemical. Consult State Agricultural Extension or Experiment Station weed specialists for specific recommendations for local weed problem and for information on possible lower dosages.

EFFECTIVENESS ON WEEDS

Riverdale MCP is effective on a large number of broadleaf weeds. On mustard, thistle, and white top or hoary cress, it has superiority over 2,4-D. The following are some of the weeds readily killed:

Wild Petunia	Red Root
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Wild Petunia	Red Root
Pigweed	Fat Hen Lamb'squarter
Halbert-Leaved Salt Brush	Perennial Ragweed
Spanish Needle	Daisy
Wild Marigold	Canada Thistle
Prickly Lettuce	Sow Thistle
Dandelion	Yellow Daisy
Field Bindweed	Perennial Morning Glory
Yellow Charlock, Mustard	Hoary Cress
Port Grass	Wild Sage
Small Plantain	Mexican Poppy
Purslane	Narrow Leaf Plantain
Witchweed	Dock
Thornapple Jimson Weed	Wild Gooseberry
Wild Jute	Tree Of Heaven
Wild Carrot	Poison Hemlock
Dwarf Nettle	Perennial

INERT INGREDIENTS:	47.8%
TOTAL	100.0%

* Equivalent to 2-methyl-4-chlorophenoxyacetic acid: 3.7 lbs./gal.
Equivalent to 4 Pounds MCP Acid Per Gallon. TSCA# 1512-10-1 BY NCHC
EPA# 111-101-01-6 A15-1 (1974-10)

EPA Reg. No. 228-143
EPA Est. No. 228-11-1

CAUTION:

Keep out of Reach of Children

[illegible]

- Carry and keep away from face and eyes. Do not get in eyes, on skin or clothing. In case of contact, flush eyes with plenty of water. Get immediate attention. Wash skin with soap and water. Remove clothing and wash before reuse. Do not **graze dairy animals** in treated areas for 24 hours after application.
- Do not use **near** or **freezing** water to dilute or add to and mix thoroughly before use.
- Do not use against killing or to injury any desirable form of vegetation. Do not apply directly to flowers, fruits, seed pods, leaves, ornamentals, cotton or other desirable plants. Do not use when there is **wind** or **rain** in the forecast. (Coarse sprays are less likely to drift.)
- When using this product, only injure susceptible plants in the immediate vicinity.
- Do not use on or near water. Do not use for domestic purposes and not for purposes. Excessive amounts of this product in the air may temporarily inhibit seed **germination** and **plant growth**.
- Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of excess spray.
- Do not use near fertilizers, seeds, insecticides or fungicides.
- Do not contamination of feed and feedstuffs.
- Do not use in early drums. Return to drum conditioner or destroy by peeling or crushing and burning in a place. Do not burn.
- Any equipment used in applying this product should be thoroughly cleaned before using for any other use. Use repeated washing with soap and warm water or suitable chemical cleaner. It is best to use separate sprays for application of insecticides and fungicides.
- Do not inhale spray mist.
- Do not use in or near food.

[illegible]

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY
CHICAGO HEIGHTS, ILLINOIS



Riverdale

MCP

For Selective Control of Certain Weeds

ACTIVE INGREDIENTS:

Dimethylamine Salt of 2-methyl-4-chlorophenoxyacetic acid 58.8% 48.58%

INERT INGREDIENTS: 41.2% 51.42%

TOTAL 39.67% 100.0%

*Equivalent to 2-methyl-4-chlorophenoxyacetic acid: 3.7 lbs / gal

Equivalent to 4 Pounds MCP-Acid Per Gallon. TSC# 80000-01-0000

EPA Reg. No. 228-143
EPA Est. No. 228-IL-1

CAUTION:

Keep out of Reach of Children

Harmful if Swallowed

- Causes irritation of skin and eyes. Do not get in eyes, on skin or clothing. In case of contact, flush eyes with plenty of water and get medical attention. Wash skin with soap and water. Remove clothing and wash before re-use. Do not graze dairy animals on treated areas for 7 days after application.
- If product is subject to freezing, warm to at least 40°F. and mix thoroughly before use.
- This product will kill or seriously injure many desirable forms of vegetation. Do not apply directly to flowers, fruits, vegetables, grapes, ornamentals, cotton or other desirable plants. Do not use when there is hazard from drifting mists. (Coarse sprays are less likely to drift.)
- Vapors from this product may injure susceptible plants in the immediate vicinity.
- Avoid contamination of water used for domestic purposes and irrigation purposes. Excessive amounts of this product in the soil may temporarily inhibit seed germination and plant growth.
- Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.
- Do not store near fertilizers, seeds, insecticides or fungicides.
- Avoid contamination of feed and foodstuffs.
- Do not reuse empty drums. Return to drum reconditioner or destroy by perforating or crushing and burying in safe place. Do not burn.
- Spray equipment used in applying this product should be thoroughly cleaned before using for any other purpose. Use repeated flushing with soap and warm water or suitable chemical cleaner. It is best to use separate sprayer for application of insecticides and fungicides.
- Do not inhale spray mist.
- Do not use on hard sandy soil.

NOTE: For directions carefully, timing and method of application, weather and crop conditions, mixing with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not mentioned in accordance with directions given herewith.

MANUFACTURED BY

RIVERDALE CHEMICAL COMPANY
CHICAGO HEIGHTS, ILLINOIS

DIRECTIONS FOR USE

SELECTIVE SPRAYING: Weeds, Grains, Barley and Rye. Apply by ground sprayer or airplane. Use 1 to 3 pints per acre for most susceptible weeds after crop has reached the 1 to 4 leaf stage up to boot stage. Use up to 4 pints per acre for less susceptible weeds after crop has bloomed and up to early boot stage. Do not spray from height of much more.

For small grains under head with leaves, use the following paragraph.

SMALL GRAINS: Underseeded with Alfalfa, Brome, Blue Top, Leptochloa, and White Clover. For emergency control of various infestations of marestail, yellow rocket, and other susceptible broadleaf weeds, apply 1 to 3 pints per acre with 5 to 10 gallons of water per acre. Make application after weeds are well tillered (4 to 6 inches tall) and before reaching a boot stage. The nurse crop and weeds should provide a protecting canopy which, together with the use of low pressure, will reduce the risk of damage to the leaves. Do not apply to small grains covered with wet or heavy dew, which are very susceptible. There is also some risk to other leaves if only thinly protected by a canopy.

FLAX: Use 1 to 3 pints of Riverdale MCP. Apply by ground sprayer or by airplane. Use sufficient water to give uniform and adequate coverage. Apply only when weeds are up and when flax is 4 to 6 inches high and before it comes into bud. Treatment after early bud stage may result in severe damage. If Canada thistle is present it may be necessary to go as high as 4 pints per acre to the point of seed production. Some injury to the flax may result.

ESTABLISHED GRASSLAND AND PASTURES: Use 1 to 3 pints per acre in sufficient water (10 to 100 gallons) in airplane or ground sprayer application and give thorough coverage. Use higher rate for White Top, Canada Thistle and other less easy to kill weeds, spray perennials in early bud to full bloom stage and regrowth in fall. Other weeds in spring or fall.

GRASSES GROWN FOR SEED: Use 1 to 2 pints per acre in sufficient water to give adequate coverage. Use higher rate where weed stands are heavy. In established grasses apply in spring before head comes into bud and on seedling grass after grass has tillered.

NOTE: In weed control in grasses, repeat treatment may be needed for less susceptible weeds. White clover and other legumes may be temporarily injured or killed. In some areas, bent, buffalo, carpet and St. Augustine grasses may also be injured by the treatment.

RANGE AND TIMBER LANDS: For control of Whitebrush. Use 1 1/2 quarts in a mixture of 1 gallon of diesel oil and sufficient water to make 8 gallons of solution per acre. Apply in spring or fall under good moisture conditions, full leaf, before blossoms begin to fall.

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GAL.

James K. Champion
Riverdale Chemical Company
220 E. 17th Street
Chicago Heights, IL 60411

Dear Mr. Champion:

Subject: Amendment - label and Formula
Revision (HPLC)
Riverdale MCP
EPA Registration No. 228-143
Your Submission Dated October 27, 1982

The amendment referred to above, submitted in connection with registration under FIFRA is acceptable, provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- a. Add the general heading "Precautionary Statements" followed by precautions grouped under the appropriate subheadings "Hazards to Humans and Domestic Animals" and "Environmental Hazards." (Note: The precautionary paragraph appearing under "Hazards to Humans" must be immediately preceded by the appropriate hazard signal word.)
- b. Under "Environmental Hazards," change "Keep out of lakes, streams or ponds" to "Do not apply directly to water."
- c. Immediately following the heading "Directions for Use" add "It is a violation of Federal law to use this product in a manner inconsistent with its labeling."
- d. Add a "Storage and Disposal" heading followed by specific instruction for disposal of pesticide and container. (Refer to sample statements - Appendix V-5 - mailed with the MCPA Guidance Package). Also, delete reference to burying empty drums in a safe place.

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

The following label revisions are required for reregistration of this product under the MCPA Registration Standard:

- a. Add "Avoid use of small-diameter spray nozzles" to the drift precautions.
- b. Add "Do not forage or graze meat animals on treated areas within seven days of slaughter" to the directions for use in small grains and flax.
- c. It is suggested that the restriction "Do not graze dairy animals on treated areas for 7 days after application" be changed to "Do not forage or graze livestock on treated areas within 7 days of treatment." This statement should appear under directions for use in noncrop areas.

Note: We may have further comments on precautionary statements following review of product-specific data submitted or cited for this product as required for reregistration.

Sincerely yours,

Richard F. Mountfort *RFM*
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (TS-767)

TS-767;Mountfort;DCR-04141;WANG-1071C;hk;Raven:479-2013:11/8/82