

PM 23 100-706-4-12

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460  <b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREГИSTRATION <i>(Under the Federal Insecticide, Fungicide          and Rodenticide Act, as amended)</i>	EPA REGISTRATION NO. 100-706	DATE OF ISSUANCE MAY 11 1990
	TERM OF ISSUANCE Conditional	
	NAME OF PESTICIDE PRODUCT atb herbicide	

NAME AND ADDRESS OF REGISTRANT (include ZIP code)

CHRYSLER CORPORATION  
 AGRICULTURAL DIVISION  
 P.O. BOX 1000  
 TORRINGTON, CT 06478

**NOTE:** Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 section 5(c)(7)(C) provided that you:

submit the required studies a list of which appears on page 2 of this notice in accordance with the timetables indicated.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

ENCLOSURE

James L. Hill  
 Acting, Deputy Director (25)  
 Fungicide - atb herbicide  
 registration 100-706 (atb herbicide)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL <i>James L. Hill</i>	DATE 5-11-90
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- a. Information on the relative mobilities of primisulfuron-methyl in soil (EPA Guideline Data 163-1) and its major phenyl and pyrimidine ring-labeled [<sup>14</sup>C] degradates must be submitted within 12 months from the date of this registration.
- b. A new field dissipation study in soil (EPA Guideline Data 164-1) in which residues at the level of 10% of the applied rate are measured with the appropriately sensitive methodology. In lieu of a new study, you may submit data that characterize the residues detected in the submitted soil dissipation study. This study must be submitted within 27 months from the date of this registration.
- c. A small-scale prospective ground-water monitoring study that addresses the mobility of the parent compound and its degradates must be submitted within 30 months from the date of this registration.
- d. Aquatic organism testing with a warmwater freshwater fish and a coldwater freshwater fish (EPA Guidelines Data 72-1) must be submitted 9 months from the date of this registration.

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Rifle®

Herbicide

For nonselective weed control in  
noncropland and for selective weed  
control in certain perennial turf grasses

Active Ingredient:

3-[4,6-Bis-(difluoromethoxy)-pyrimidin-2-yl]-  
1-(2-methoxycarbonylphenylsulfonyl)urea .. 75%

Inert Ingredients: 25%

Total: 100%

Made in Switzerland.

Rifle is a water dispersible granule.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements on back of bag.

See directions for use on panel at right.

EPA Est. 100-

EPA Reg. No. 100-

Three Pounds  
Net Weight

CIBA-GEIGY

<b>ACCEPTED</b>
MAY 11 1990
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg No. 100-706

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

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Conditions of Sale and Warranty

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The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of CIBA-GEIGY or the Seller. All such risks shall be assumed by the Buyer.

CIBA-GEIGY warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. CIBA-GEIGY makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall CIBA-GEIGY or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. CIBA-GEIGY and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CIBA-GEIGY.

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## DIRECTIONS FOR USE

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It is a violation of federal law to use this product in a manner inconsistent with its labeling.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL AND/OR INJURY TO NONTARGET PLANTS/CROPS.

### General Information

Rifle Herbicide is formulated as a 75% water dispersible granule. Rifle should be mixed with water plus a nonionic surfactant and sprayed postemergence for control of weeds. This herbicide is intended for nonselective weed control in certain noncropland situations as well as for selective weed control in certain unimproved perennial turf grasses along roadsides and similar areas. Rifle provides effective control or partial control of such problem weeds as johnsongrass (Sorghum halepense), quackgrass (Agropyron repens), shattercane (Sorghum bicolor), sorghum-almum (Sorghum alnum) and numerous broadleaf weeds at rates within the ranges suggested in this label.

Rifle is most effective when applied to young, actively growing weeds. The degree of weed control is dependent upon the weed species, weed size at time of application, rate of Rifle applied, and growing conditions. Following a postemergence application of Rifle, growth of a susceptible weed is inhibited, leaves gradually turn yellow, followed by death of the growing point and then the entire plant. This process generally takes 7-21 days.

Some weeds species not fully controlled by Rifle are partially controlled. When reference is made to weeds partially controlled, partial control can mean either erratic control, ranging from good to poor, or consistent control at a level below that generally considered acceptable for commercial weed control.

Note: Because most crops are sensitive to Rifle, avoid application of Rifle directly or indirectly (such as spray drift) to nontarget crops or other desirable plants.

### Application Procedures

Ground Application: Apply by ground equipment using stainless steel, aluminum, fiberglass, or polyethylene spray tanks. Spray nozzles should provide accurate and uniform application.

To assure accuracy, calibrate sprayer at the beginning of the use season and periodically thereafter. Use a minimum of 10 gals. of water/A when applying Rifle.

Use a pump with capacity to (1) maintain at least 35-40 psi at nozzles, and (2) provide sufficient agitation in tank to keep product in suspension. Use centrifugal pumps which provide propeller shear action for dispersing and mixing the product. The pump should provide a minimum of 20 gals./minute/100 gals. tank size circulated through correctly positioned sprayer tubes or jets. Good agitation during both mixing and application is essential.

Use screens to protect the pump and to prevent nozzles from clogging. Screens placed on the suction side of the pump should be 16-mesh or coarser. Do not place a screen in the recirculation line. Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles. Check nozzle manufacturer's recommendations.

For ground sprayers, use flat fan nozzles for applications of 10 to 20 gals./A.

Avoid application under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur. To reduce spray drift, do not apply under windy conditions.

To minimize the chance that Rifle may be washed from vegetation and lose some of its weed controlling activity, do not apply Rifle within 4 hours of expected rainfall.

Within rate ranges on this label, use the lower rate on coarse-textured soils and where light weed infestation is expected. Use the higher rate on fine-textured soils and where heavy weed infestation is expected.

Note: Do not apply this product through any type of irrigation system.

### Mixing Instructions

1) Make sure the spray tank is clean before mixing. If it is contaminated with any material other than recommended tank mix partners, clogging of spray nozzles may occur. 2) Fill the spray tank 1/4 - 1/2 full with clean water, and begin agitation. 3) Make certain that the agitation system is working properly and creates a rippling or rolling action on the liquid surface.

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4) Add Rifle to the tank. 5) Follow by adding either a nonionic surfactant with a minimum of 80% of the constituents effective as a spray adjuvant (e.g., X-77®), at the rate of 1 qt. per 100 gals. of spray volume (0.25% v/v) or a petroleum- or vegetable-based crop oil concentrate containing not less than 10% emulsifier at 1 to 4 pints per acre equivalent as specified on the oil adjuvant label. The concentration of the oil adjuvant should not exceed 2.5% v/v. 6) Complete filling the tank, maintaining sufficient agitation at all times to ensure surface action. 7) Do not leave spray in the spray tank without adequate agitation. Always maintain agitation to avoid separation and buildup of undesirable residues on the walls of the spray tank. 8) An anti-foaming agent may be added to reduce excessive foaming, if it occurs. 9) Use the spray mixture as soon as it is prepared, because the product may lose its herbicidal activity with prolonged standing after mixing. 10) If a recommended tank mix partner is applied with Rifle, add the Rifle to the spray tank first, maintaining agitation until the Rifle is fully dispersed, then add the tank mix partner, while maintaining agitation.

#### Cleaning Application and Mixing Equipment

To clean the spray tank, boom and nozzles after applying Rifle, follow these directions:

For spray tanks with a large filling port, use a pressurized water hose and completely flush the interior of the empty spray tank thoroughly with water for several minutes immediately after applying Rifle, spraying a portion of the rinsate through the spray boom and nozzles. The remaining rinsate should be drained from the tank. Repeat the procedure. This method for cleaning the spray tank will only successfully remove traces of Rifle if the complete interior of the spray tank is thoroughly rinsed using the pressurized water hose.

For spray tanks not equipped with a large filling port, fill the tank with water while maintaining constant agitation. Spray much of the rinsate through the nozzles, and drain the remaining portion until the tank is empty. Repeat the process at least two additional times.

To ensure more complete removal of the Rifle from the sprayer after following one of the above cleaning procedures, rinse with a bleaching solution, i.e., Clorox, at the equivalent of 1/2 gal./100 gals. of water. Follow with an additional rinsing to remove bleach.

Notes: (1) The former method for cleaning the spray tank will only successfully remove traces of Rifle if the complete interior of the spray tank is thoroughly rinsed using the pressurized water hose. (2) Spray rinsate onto target areas or on to

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areas where rinsate can be safely collected and reused or properly disposed of.

For recommended tank mix partners, follow cleaning instructions on the respective product label.

Nonselective Weed Control

For weed control in noncropland areas such as fence rows, highway rights-of-way, industrial sites, lumberyards, petroleum tank farms, pipeline rights-of-way, plant sites, railroads, storage areas, and utility rights-of-way, broadcast Rifle postemergence to actively growing weeds in a minimum of 10 gals. of water/A. See Rates to Use section for weeds controlled or partially controlled.

For best results, applications should be made after most of the target weeds have emerged, but before they exceed 4 inches in height or diameter unless indicated otherwise. Although weeds sensitive to Rifle are often controlled by applications made when they are taller than 4 inches, the results are generally not as consistent as when applications occur before the weeds exceed 4 inches.

Rates to Use

Use the following rates of Rifle for use in nonselective weed control programs to control or partially control the weeds listed. Successively higher rates of Rifle will also control or partially control those weeds listed as controlled at lower rates.

0.4 to 0.75 oz./A

- burcucumber
- common cocklebur
- common ragweed
- devilsclaw
- fall panicum (less than 1 1/2 inches in height under normal growing conditions)
- giant ragweed
- ladysthumb
- Pennsylvania smartweed
- purslane\*
- shattercane
- sorghum alnum
- smooth pigweed
- spurred anoda
- sunflower
- wild mustard
- wild radish

0.75 to 1.5 oz./A

fall panicum\* (in excess of 1 1/2 inches in height)  
hemp sesbania\*  
kochia\*  
lambsquarters\*  
redroot pigweed  
venus mallow

1.5 to 3 oz./A

Canada thistle\*  
dandelion  
eastern black nightshade  
giant foxtail\*  
green foxtail\*  
jimsonweed  
morningglory\*  
purslane  
prickly sida  
quackgrass  
rhizome johnsongrass (more effective control when plants are  
6-10 inches tall at application than  
smaller or more advanced plants)  
sicklepod\*  
velvetleaf  
wild carrot  
yellow foxtail\*  
yellow nutsedge

\*partial control.

Note: Control of weeds claimed as partially controlled (especially annual grasses) is more effective when Rifle is applied before the weeds exceed 1 1/2 inches in height.

Precautions: 1) Do not apply when wind conditions will likely cause drift to nontarget area or onto desirable plants. 2) Do not apply over root zones of desirable trees, ornamentals, or other desirable plant species. 3) Do not apply to frozen ground.

Weeds Controlled with Mixtures of Rifle + Atraton® 90

In addition to weed species listed above, Rifle applied postemergence at 0.4 to 3 ozs./A to weeds not exceeding 4 inches in height in tank mixture with Atraton 90 at 3.3 lbs./A will control and provide residual control of such weeds as barnyardgrass, cheatgrass, downy brome, morningglory, sicklepod, etc. Weeds in excess of 4 inches in height may not be controlled as consistently as weeds less than 4 inches.

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Other Tank Mixtures

Rifle at 0.4 to 3 ozs./A in tank mix combination with Arsenal® 2AS at rates shown on the Arsenal label will control weeds listed on this label as well as on the Arsenal label. The Rifle portion of the tank mix will also assist with residual preemergence control of some weeds such as ragweed and yellow foxtail.

Tank mixtures with other herbicides registered for non-crop use (and which are not prohibited from use with Rifle) should be tested for compatibility and sprayability before attempting application. Observe all precautions and limitations appearing on labeling for all products used in tank mixtures.

Note: Tank mixtures are permitted only in states where the recommended tank mix partner is registered.

Selective Weed Control

Rifle is recommended for use on established low maintenance turfgrass along roadsides, airports, industrial sites, fence rows, etc.

Rifle may be applied to low maintenance turf at any time during the growing season, but should be applied postemergence to actively growing weeds when the majority of them are less than 4 inches tall unless specified elsewhere in this label. Broadcast Rifle in a minimum of 10 gallons of water/A.

For control of the weeds listed in the previous rate tables, use the following rates of Rifle where maintenance of established stands of bermudagrass, tall fescue, buffalograss, crested wheatgrass or western wheatgrass is desired:

	<u>Apply up to</u>
Bermudagrass	2.25 oz.
Tall Fescue	2.0 oz.
Buffalograss, Crested Wheatgrass, Western Wheatgrass	1.5 oz.

Notes: (1) Any discoloration to turf following application of Rifle should be temporary. (2) Rifle should provide residual control of many germinating weed seedlings when ample rainfall occurs soon after application moving the herbicide into the soil. However, rainfall within 4 hours after application may lessen the activity of Rifle on emerged weeds by reducing the opportunity for adequate foliar uptake. (3) Application of Rifle may suppress growth of the desirable turfgrass and inhibit its formation of seedheads. (4) Do not graze or feed forage from Rifle-treated bermudagrass, tall fescue, buffalograss, ...

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crested wheatgrass, or western wheatgrass to livestock, or illegal residues may result.

Precautions: To avoid injury, 1) Do not use on turf grasses less than 1 year old. 2) Do not apply when wind conditions will likely cause drift to nontarget species or onto desirable plants. 3) Do not apply over root zones of trees or ornamentals. 4) Do not apply to frozen ground. 5) Use spray soon after mixing as it will gradually lose its weed control activity. 6) Do not use on turf under stress from drought, insects, fungi, low fertility or other causes.

Storage and Disposal

Pesticide Storage and Disposal

Store in a cool, dry place. Do not contaminate water, food or feed by storage, disposal, or cleaning of equipment. Open dumping is prohibited. Wastes resulting from the use of this product are toxic. Improper disposal of unused pesticide, spray mixture, or rinsate is a violation of federal law. Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to federal, state or local procedures. For guidance in proper disposal methods, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office.

Container Disposal

Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill, or by incineration, or by open burning; if allowed by state and local authorities. If burned, keep out of smoke.

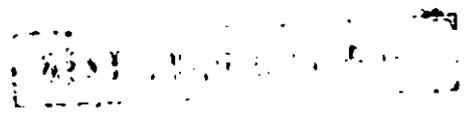
For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire or other emergency, call 1-800-888-8372 day or night.

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Harmful if inhaled or absorbed through skin. Avoid contact with skin, eyes, or



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clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Statement of Practical Treatment

If in eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

If inhaled: Remove victim to fresh air.

If on skin: Wash with plenty of soap and water. Get medical attention.

Environmental Hazards

Do not contaminate water when disposing of equipment wash waters. Do not apply directly to water or wetlands.

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Atritol® and Riflo® are trademarks of CIBA-GEIGY Corporation  
X-77® trademark KALO Agricultural Chemicals, Inc.

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Agricultural Division  
CIBA-GEIGY Corporation  
Greensboro, North Carolina

CGA 95L1

Revised

May 3, 1990

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