

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Reg # 62719-92

PM 25

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AFF 10/11

Larry E. Hammond
 Product Registration Manager
 DowElanco
 Agricultural Products Department
 9008 Building
 P.O. Box 1706
 Midland, MI 48641-1706

Dear Mr. Hammond:

Subject: Confront Herbicide
 EPA Registration No. 62719-92
 Re: Label Revisions
 Your Submission Dated January 29, 1990

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data or other material required for registration/-reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.
3. Add or revise Statements of Practical Treatment to include the following: "If Inhaled: Remove victim to fresh air. Get medical attention. If On Skin: Wash with plenty of water. Get medical attention."
4. Please identify the "XRM - 5085" used to conduct the acute toxicity studies. (Is XRM-5085 a code designation for the subject product?)
5. Please submit an updated Confidential Statement of Formula (CSF) reflecting the new registration number for the subject product.

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.

Sincerely yours,

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CONCURRENCE Robert J. Taylor						
SYMBOL					Product Manager (25)	
SURNAME					Fungicide-Herbicide branch	
DATE					Registration Division (H7505C)	

Specimen Label

ACCEPTED
with COMMENTS
in EPA Letter Dated:

Confront*

Herbicide

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

62719-92

*Confront

For the Control of Annual and Perennial Broadleaf Weeds
in Ornamental Turf

To be used only under the direct supervision of commercial applicators
responsible for turf weed control programs.

Active Ingredient(s):

Triclopyr (3,5,6-trichloro-2-pyridinyloxyacetic acid), as the triethylamine salt 33.0%
Clopyralid (3,6-dichloro-2-pyridinecarboxylic acid), as the triethylamine salt 12.1%

Inert Ingredient(s): 54.9%

ACID EQUIVALENT:

Triclopyr 23.7% - 2.25 lb/gal
Clopyralid 7.9% - 0.75 lb/gal

E.P.A. Registration No. ~~464-644~~ 62719-92

E.P.A. Est. 464-MI-1

Prolonged or frequently repeated
skin contact may cause allergic
skin reactions in some individuals.

KEEP OUT OF REACH OF CHILDREN

DANGER

PELIGRO:

PRECAUCION AL USUARIO:

Si usted no lee inglés, no use este producto hasta que la
etiqueta le haya sido explicada ampliamente.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

**CAUSES IRREVERSIBLE EYE
DAMAGE • ~~MAY CAUSE ALLERGIC
SKIN REACTION (CONCENTRATE
PRODUCT ONLY) • HARMFUL IF
ABSORBED THROUGH SKIN, OR IF
SWALLOWED OR INHALED~~**

**Do Not Get In Eyes, On Skin, Or Clothing
~~• Wear Goggles Or Face Shield And Rubber
Gloves When Handling • Avoid Breathing
Vapors • Wash Thoroughly With Soap And
Water After Handling And Before Eating Or
Smoking • Remove Contaminated Clothing
And Wash Before Reuse~~**

**Note To Applicator: In The Dilute Mix, No Skin
Reaction Is Expected When Used As Directed**

STATEMENT OF PRACTICAL TREATMENT: In case of
contact, immediately flush eyes with plenty of water for at
least 15 minutes and get medical attention promptly. Flush
skin with water and get medical attention if signs of irritation
develop. If **swallowed**, promptly drink a large quantity of
milk, egg whites, gelatin solution or, if these are not available,
drink large quantities of water. **Avoid alcohol.**
Call a physician.

Physical or Chemical Hazards

Do Not Cut or Weld Container.

Environmental Hazards

Keep out of lakes, streams or ponds. Do not contaminate
water when disposing of equipment washwaters.

NOTICE

Read and understand the entire label before using. Use only
according to label directions.

Before buying or using this product, read "WARRANTY
LIMITATIONS AND DISCLAIMER" elsewhere on this label. If
terms are not acceptable, return unopened package at once
to seller for full refund of purchase price paid. Otherwise, use
by the buyer or any other user constitutes acceptance of the
terms under WARRANTY LIMITATIONS AND DISCLAIMER.

IN CASE OF AN EMERGENCY

**endangering life or property involving this
product, call collect 517-636-4403**

AGRICULTURAL CHEMICAL

**Do Not Ship or Store with Food, Feeds,
Drugs, or Clothing**

See Side Panel for Important Use Precautions

• When Handling Concentrate Wear Eye
Protection And Protective Clothing Such As
Long-Sleeved Shirt, Long-Legged Pants,
Rubber Gloves And Footwear, i.e. Neoprene
or Nitrile Butadiene Rubber

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GENERAL INFORMATION

CONFRONT Herbicide is a broad-spectrum non-phenoxy weed killer for control of broadleaf weeds in ornamental turf.

DIRECTIONS FOR USE

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

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

Do not use for manufacturing or formulating.

Weeds Controlled and Use Rate Recommendations

Weeds	Suggested Use Rate		
	pt/A	fl. oz./1000 sq. ft.	tsp/1000 sq. ft.
Black medic Red clover Hop clover White clover	1†	0.37 (11 ml)	2½
Chickweed, House ear Chickweed, Common Common Cocklebur Common Vetch Creeping beggarweed Dwarf beggarweed False Lantana Henbit Matchweed Rough Leaf Mallow Spotted Catsear Sheep Sorrel Spurweed	1.5	0.55 (16 ml)	3½
Broadleaf Plantain Burdock Coffee-weed Common Dandelion Common Ragweed Ground Ivy Lambsquarters Narrowleaf (Buckhorn) Plantain Shepherd's Purse Virginia pepperweed	1.5-2	0.55 to 0.74 (16 to 22 ml)	3½ to 4½
Canada Thistle Curly Dock English Lawn Daisy Germander-Speedwell Goldenrod Lespedeza Musk Thistle Poison Ivy Smartweed Wild Buckwheat	2	0.74 (22 ml)	4½
(REPEAT TREATMENT MAY BE NECESSARY) Common Yellow Woodsorrel Creeping Woodsorrel Wild Violet	2	0.74 (22 ml)	4½

†For faster activity under good growing conditions, 1.5 pt/acre is recommended. For extended weed control, repeat applications are recommended. *4 to 8 weeks required for control.

Preparing the Spray

Add about one-half the desired amount of clean water to spray tank. Add CONFRONT, and complete addition of water with agitation running. Mix thoroughly and continue moderate agitation while spraying.

Apply CONFRONT in a manner to avoid contacting nearby susceptible crops or other desirable plants. Very small amounts of spray drift may injure susceptible plants, including ornamental trees or shrubs. DO NOT apply to exposed roots of shallow rooted trees or shrubs.

Application Directions

Preseason Treatment of Ornamental Turf: Foliage spray should be applied during warm weather when weeds are actively growing. Application under drought conditions may provide less than desirable results. Use low spray pressures to minimize spray drift. (See Use Precautions) When hard-to-control species are prevalent and during applications made in late summer when the plants are mature and during drought conditions, use the higher rates.

Apply 1 to 2 pints of CONFRONT to enough water to make 25 to 175 gallons total spray per acre to control broadleaf weeds growing in perennial bluegrass, tall fescue, or perennial ryegrass. DO NOT use on other grass species, such as bentgrass or St. Augustine grass, unless injury can be tolerated. Apply from early spring through fall when weeds are actively growing. Broadleaf weed species germinate at different times. Only emerged weeds present at time of application are controlled. A maximum of 2 pt/acre per

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application is recommended. Do not use more than 5 pints per acre per year of treatment. Additional applications should not be made less than four weeks apart to minimize grass injury. Newly seeded turf should be mowed two or three times before being treated. Do not water for 24 hours after application. Do not reseed for 3 weeks after application.

Make application using equipment that will insure uniform coverage of the spray volumes applied. To improve spray coverage, the addition of an agricultural surfactant (such as ORTHO X-77 or TRONIC) at a rate of 1/4 to 1 pint per acre is suggested. Use the higher rates of surfactant for lower rates of product and lower spray volumes.

Spot Treatment of Ornamental Turf Using Portable Sprayers: Mix 0.5 to 1.0 fluid ounces of CONFRONT in enough water to make 3 gallons of spray (1 to 2 pints per 100 gallons of spray) and apply at any time broadleaf weeds are susceptible by wetting foliage of undesirable plants to point of runoff.

DO NOT apply to exposed roots of shallow-rooted trees or shrubs.

USE PRECAUTIONS

Apply this product only as specified on this label.

Do not apply CONFRONT directly to, or otherwise permit it to come into direct contact with, cotton, grapes, tobacco, vegetable crops, flowers, fruit or ornamental trees, or other desirable broadleaf plants and do not permit spray mists containing it to drift onto them.

DO NOT apply to exposed roots of shallow rooted trees and shrubs.

Avoid Injurious Spray Drift. Applications should be made only when hazards from spray drift are at a minimum. Very small quantities of spray, which may not be visible, may seriously injure susceptible plants. Do not spray when wind is blowing toward susceptible crops or ornamental plants near enough to be injured.

With ground broadcast equipment, drift can be reduced by keeping the spray boom as low as possible, by applying no less than 25 gallons of spray per acre; by using no more than 20 pounds spraying pressure with flat fan or flooding flat fan nozzle tips; and by spraying when wind velocity is low.

In handgun applications drift can be reduced by using low pressure Teejet flat fan, Raindrop or other drift controlling nozzles. Standard flat fan nozzles may also be used at no more than 20 psig. At this pressure the spray pattern may be narrower.

Do not apply on ditches used to transport irrigation water. Do not apply where runoff or irrigation water may flow onto susceptible crops as injury may result.

PRECAUTIONARY STATEMENTS

Environmental Hazards

Clopyralid is a chemical which can travel (seep or leach) through soil and under certain conditions contaminate groundwater which may be used for irrigation or drinking purposes. Users are advised not to apply clopyralid where soils have a rapid to very rapid permeability throughout the profile (such as loamy sand to sand) and the water table of an underlying aquifer is shallow, or to soils containing sinkholes over limestone bedrock, severely fractured surfaces, and substrates which would allow direct introduction into an aquifer. Your local agricultural agencies can provide further information on the type of soil in your area and the location of groundwater.

The use of a mistblower is not recommended.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store above 28°F or agitate before use.

DISPOSAL:

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. 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, after triple rinsing, may be incinerated if allowed by state and local authorities. If burned, stay out of smoke.

General: Consult federal, state, or local disposal authorities for approved alternative procedures.

Be sure that use of this product conforms to all applicable regulations.

WARRANTY LIMITATIONS AND DISCLAIMER

The Dow Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions therein under normal conditions of use. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc.), under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.

When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability, or other legal theories), buyer or user must promptly notify in writing The Dow Chemical Company of any claims to be eligible to receive either remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of The Dow Chemical Company or any other seller will be one of the following, at the election of The Dow Chemical Company:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

The seller will not be liable for consequential or incidental damages or losses.

The terms of this Warranty Limitations And Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations And Disclaimer in any manner.

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The Dow Chemical Company
Midland, Michigan 48674 U.S.A.

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Do not reseed for 3 weeks after application. Grass clippings from turf treated with CONFRONT Herbicide are not recommended to be used for mulch or compost following treatment.

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Application Directions

Make application using equipment that will insure uniform coverage (see specific application directions below). Foliage sprays should be applied during warm weather when weeds are actively growing. Application under drought conditions may provide less than desirable results. Broadleaf weed species germinate at different times. Only emerged weeds present at time of application are controlled. When hard-to-control species are prevalent and during applications made in late summer when the plants are mature and during drought conditions, use the higher rates.

Apply CONFRONT Herbicide in a manner to avoid contacting nearby susceptible crops or other desirable plants. Very small amounts of spray drift may injure susceptible plants, including ornamental trees and shrubs. Use low spray pressures to minimize spray drift. (See Use Precautions) DO NOT apply to exposed roots of shallow rooted trees and shrubs.

Apply 1 to 2 pints of CONFRONT Herbicide per acre to control broadleaf weeds growing in perennial bluegrass, tall fescue, fine fescues, zoysia, buffalograss or perennial ryegrass. DO NOT use on other grass species such as bentgrass or St. Augustine grass, unless injury can be tolerated. A maximum of 2 pints per acre of CONFRONT Herbicide per application is recommended. Do not use more than 5 pints per acre per year of treatment. Additional applications should not be made less than four weeks apart to minimize grass injury. Newly seeded turf should be mowed two or three times before being treated. Do not water for 24 hours after application. Do not reseed for 3 weeks after application. Grass clippings from turf treated with CONFRONT Herbicide is not recommended to be used for mulch or compost following treatment.

Standard Broadcast Applications: Apply 1 to 2 pints of CONFRONT Herbicide in enough water to deliver 40 to 200 gallons of total spray mix per acre (1 to 5 gallons spray per 1,000 square feet). Higher application volumes may be used when CONFRONT Herbicide is tank mixed with fertilizers.

Low Volume Applications: Apply 1 to 2 pints of CONFRONT Herbicide in enough water to deliver from 5 to 40 gallons to total spray mixture per acre (1 pint to 1 gallon spray per 1,000 square feet). Use low pressures and application equipment capable of delivering a uniform droplet size that can wet the weed leaf surface. To improve spray coverage, the addition of an agricultural surfactant (such as ORTHO X-77 or TRONIC) at a rate of 1/4 to 1 pint per acre is suggested. Use the higher rates of surfactant for lower rates of product and lower spray volumes.

The use of ULV applications is not recommended.

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Tank Mixtures for Ornamental Turf: 1/2 to 1 pint per acre of CONFRONT Herbicide may be tank mixed with the herbicides listed below:

Active Ingredient/ Product Name		Amount of Product per Acre
2,4-D 2,4-D Amine or Ester	4 lb a.e./gal	1 1/2 - 3 pt
MCPA MCPA Amine or Ester	4 lb a.e./gal	2 - 3 pt

Insert "C"

by applying no less than 40 gallons of spray per acre (except under "Low Volume Applications"), by keeping the operating spray pressures at the lower end of the manufacturers recommended pressures for the specific nozzle type used (low pressure nozzles are available from spray equipment manufacturers); and by spraying when the wind velocity is low. In hand-gun applications, select the minimum spray pressure that will provide adequate plant coverage (without forming a mist).