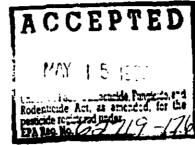
### **Specimen Label**



# Pathfinder\*

Ready-to-Use Herbicide

Rangeland and Permanent Pastures.

For the Control of Woody Plants on Rights-of-Way Industrial Sites, Non-Crop Areas, A Non-Irrigation Ditch Banks, and Wildlife Openings, Including Grazed Areas on These Sites

Active ingredient(s):

Acid Equivalent: Triclopyr - 12.01% - 1 lb/gal

Contains petroleum distillates E.P.A. Registration No. 62719-176

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

### **KEEP OUT OF REACH OF CHILDREN**

## CAUTION PRECAUCION:

PRECAUCION AL USUARIO:

S: 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
HARMFUL IF SWALLOWED,
INHALED OR ABSORBED
THROUGH SKIN • CAUSES EYE
IRRITATION

Avoid Contact With Eyes, Skin, Or Clothing • Avoid Breathing Mists or Vapors • Avoid Contamination Of Food

- Wash Thoroughly After Handling
- Remove And Wash Contaminated Clothing Before Reuse

STATEMENTS OF PRACTICAL TREATMENT
In case wi skin contact, flush skin with plenty of water.
Get medical attention if irritation persists. If awallowed, do not induce vurniting. Call a physician. If In eyes, flush with plenty of water. Call a physician if irritation

Physical or Chemical Hazards
COMBUSTIBLE • Do Not Use or Store
Near Heat or Open Flame. • Do Not Cut or
Weld Container,

### **Environmental Hazards**

This pesticide is toxic to fish. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes. 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 517-636-4400 AGRICULTURAL CHEMICAL

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

See Back Panel for Important Use Precautions.

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### BEST AVAILABLE COPY

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#### **GENERAL INFORMATION**

PATHFINDER Herbicide is a ready-to-use product which is recommended for the control of unwanted woody plants through the use of basai bark application techniquesiand on non-crop areas including industrial manufacturing and storage sites, rights-of-way such as electrical power lines communication lines, piplines, road sides and railroads fence rows, non-irrigation dituh banks and around farm buildings. Use on these sites may include application to grazed areas as well as establishment and maintainence of wildlife openings.

Among the woody plant species controlled are:

Alder, Speakled Alder, Red Ash, Green Australian Pine Ash, White

Basswood Beech,
Aspen(1)
Besswood Beech,
American
Birch, Black
Birch, Gray
Birch, Paper
Blackberry
Black Locus

Hackberry

Hazai

Pepper

Brazilian

Elm.
Winged (1)

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Allanhus Hercules Club Persimmon. Common Hickory, Mockernut Ash, Green Hickory, Pignut Pine, Jack Honeylocust Pine, Loblolly Hombeam Pine, (Blue Beach) Ponderosa Locust, Black<sup>(1)</sup> Pine, Red Pine. White Birch, Black Madrone, Pacrtic Manzanita, Poison Ivy Birch, Paper Greenlest Poison Oak Maple, Mountain Poplar, Balsam **Black Locust** Maple, Red Redcedar, Maple, Silver Eastern (Sassafrasi) Blackgum Boxelder Maple, Sugar Cherry Black<sup>(1)</sup> Cherry, Choke Sumac. Smooth(i) Manle Vine Mesquite (/3) Sumac. Cherry, Pin Mountain-Laurel Staghorn(1) Cottonwood Oak, Black(2) Sweetgum Dogwood. Oak, Blackjackj2) Sycamore Flowering Oak, Chestnut Tamarack Dogwood. Oak, Post (2) Tanoak **Red-Osier** Oak, Red Walnut Oak, Scarlet Elm, American Waxmyrtle Gallberry Oak, Water Willow Guava Oak, White Yaupon

(1) Some resprouting may occur. Maple, Bigleaf (1) DIRECTIONS FOR USE Haple, Stripped

Olive, Autumn

Olive, Russian

Yellow Poplar

(Ready-To-Use, No Mixing Required)

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not use for manufacturing or formulating.

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

LOW VOLUME BASAL BARK TREATMENT: To control susceptible woody plants with stems less than 6 inches in basal diameter, apply PATHFINDER Herbicide with a backpack or knapsack sprayer using low pressure and a solid cone or flat fan nozzle. Spray the basal parts of brush and tree trunks in a manner which thoroughly wets the lower 12 to 15 inches of stems, including the root collar area, but not to the point of runoff. Herbicide concentration should vary with size and susceptibility of species treated. Apply at any time, including the winter months, except when show or water prevent spraying to the ground line.

TREATMENT OF CUT STUMPS: To control resprouting, apply undiluted PATHFINDER Herbicide to wet the area adjacent to the canibium and bark around the entire circumference and the sides of freshly cut stumps. Sides of stumps should be thoroughly wetted down to the root collar area, but not to the point of runoff. Treatments may be applied throughout the year, except when snow or water prevent spraying to the ground line. Control may be reduced with treatment during periods of moisture stress as in late summer. Stumps should be cut so that they are approximately level to facilitate uniform PATHFINDER Herbicide coverage.

(2) Not recommended for streamline basel treatment.

· (3) Suppression only with streamline basal bark treatment.

NOTE. These treatment methods may be used to treat susceptible woody species on range and permanent pasture land provided that no more than 1.5 gallons of PATHFINDER Herbicide are applied per acre. Large plants or species requiring higher rates PATHFINDER, may not be completely controlled.

### **USE PRECAUTIONS**

Apply this product only as specified on this label.

Do not apply PATHFINDER Herbicide directly to, or otherwise permit it to come into direct contact with grapes, topacco, vegetable crops, flowers or other desirable broadleaf plants and do not permit spray mists containing it to drift onto them.

AVOID INJURIOUS SPRAY DRIFT: Applications should be made only when there is little or no hazard from spray drift. 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 equipment, spray drift can be reduced by using spray pressures no greater than are required to obtain adequate coverage; by using large droplet producing nozzle tips; and by spraying when wind velocity is low. Do not apply with nozzles that produce a fine droplet spray. Do not use a mistblower

Do not apply on snow or frozen ground

Untreated trees occasionally can be affected by movement of the herbicide through root grafting with the treated trees. Since this herbicide moves within the treated plant, do not use Pathfinder Herbicide on parts of a multiple stem plant if njury to the untreated portions (cut or standing stems) cannot be tolerated.

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

Do not graze lactating dairy animals or harvest hay from treated areas for one year following treatment.

Do not graze areas treated with more than 1.5 gallons PATHRINDER per acre for one year following treatment.

Withdraw livestock from forage treated with 1.5 gallons or less of PATHFINDER Herbicide at least 3 days before slaughter during the year of treatment

### STORAGE AND DISPOSAL

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

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

Prohibitions - Open dumping is prohibited

Pesticide Disposal - Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to applicable federal, state, or local procedures.

Container Disposal - Triple rinse (or equivalent) with 10 drops or more of a liquid hand soap and water or an oil basal product such as kerosene or diesel fuel and spray rinsate on undesirable vegetation, in target area. Offer containers for recycling or reconditioning where allowed, or puncture and dispose of in a sanitary landfill, or by uncineration if approved by state and/local procedures.

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

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

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Container Pidensel for Refillable Containers: Circle o'll openings which have been opened during use and replace all cape. Between the capty container to a collection site designated by DouRlands. If the centainer has been damaged and cannot be returned a strong to the recommended procedures, contact the DouBlance Contact at 1-800-258-1470 to obtain proper handling instructions.

#### WARRANTY LIMITATIONS AND DISCLAIMER

DowElanco 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 lincluding 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, stnct liability, or other legal theories). buyer or user must promptly notify in writing DowElanco 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 DowElanco or any other seller will be one of the following, at the election of DowElanco:

- 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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or in rangeland and pasture

STREAMLINE BASAL BARK TREATMENT (Southern

States): To control or suppress susceptible woody plants for conifer release own, apply DowElanco BASAL Herbicide with a backback or knapsack sprayer using equipment which provides a directed straight-stream spray. Apply sufficient spray to one side of stems less than 3 inches in basal diameter to form a treated zone that is 6 inches in height. When the optimum amount of spray mixture is applied, the treated zone should widen to encircle the stem within approximately 30 minutes. Treat both sides of stems which are 3 to 4 inches in basal diameter. Direct the spray at bank that is approximately 12 to 24 inches above ground. Pines (lobloily, slash, shortleaf, and Virginia) up to 2 inches in diameter breast height (dbh) can be controlled by directing the spray at the point approximately 4 feet above ground. Best results are achieved when applications are made to young vigorously growing stems which have not developed the thicker bank characteristic of slower growing, undelstory trees in older stands. This technique is not recommended for scrub and live oak species, including blackjack, turkey, post, live, bluejack and laurel oaks. Apply from approximately 6 weeks prior to hardwood leaf expansion in the spring until approximately 2 months after leaf expansion is completed. Do not apply when snow or water prevent spraying at the desired height above ground level.

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DowElanco
Indianapolis, Indiana 46268 U.S.A.

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