



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JAN 27 1994

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AMERICAN CYANAMID COMPANY
AGRI RESEARCH DIV.
P.O. Box 400
Princeton, NJ 08543

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/10/93 in Response to PR Notice 93-7
EPA Reg. No. 241-325
PASSPORT HERBICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

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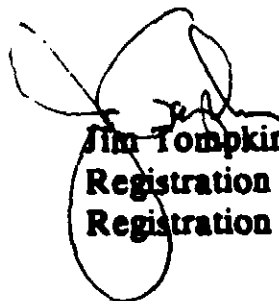
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

AMERICAN CYANAMID COMPANY
241-325 09/10/93
PASSPORT HERBICIDE

Original Submission

Add the following statement to the "Personal Protective Equipment" section of your label: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry." The exact location for this statement is shown in Section A on Part 1 of the Product Worksheet in Supplement Three to PR Notice 93-7.

JAN 27 1994

**PASSPORT®
herbicide**

FOR USE IN SOYBEANS

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

241-325

ACTIVE INGREDIENTS:

| | |
|---|--------------|
| Ammonium salt of imazethapyr: (±)-2-[4,5-dihydro-4-methyl-4-(1-methyl-ethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid* . . . | 2.2% |
| trifluralin: <<<-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine . . . | 27.5% |
| INERT INGREDIENTS** | <u>70.3%</u> |

TOTAL 100.0%

*Equivalent to 2.1% (±)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid.

**Contains petroleum distillates

PASSPORT contains 2.6 pounds of active ingredients per gallon (2.4 pounds ai of trifluralin and 0.2 pounds acid equivalent of imazethapyr).

EPA Reg. No. 241-325

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

DANGER/PELIGRO!

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

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Call a physician.

IF SWALLOWED: DO NOT induce vomiting. Call a physician or Poison Control Center immediately.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

NOTE TO PHYSICIAN: Because of increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent, vomiting should be induced only under professional supervision.

In case of an emergency endangering life or property involving this product, call collect, day or night, Area Code 201-835-3100.

See Next Page for Additional Precautionary Statements

American Cyanamid Company
Agricultural Products Division
Crop Protection Chemicals Department
Wayne, NJ 07470 ©1993

Net Contents: 2.5 gallons
(9.45 liters)

• Registered Trademark of American Cyanamid Company

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (and Domestic Animals)**

DANGER

Causes irreversible eye damage. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or spray mist.

Personal Protection Equipment (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate or butyl rubber ≥ 14 mils or nitrile rubber ≥ 14 mils or viton ≥ 14 mils
- Shoes plus socks
- Protective eyewear

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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. DO NOT apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish in neighboring aquatic sites. DO NOT contaminate water when disposing of equipment washwaters.

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 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.

This label must be in the possession of the user at the time of pesticide application.

Observe all cautions and limitations in this leaflet. Do not use PASSPORT other than in accordance with the instructions set forth on this label. The use of PASSPORT not consistent with this label can result in injury to crops, animals, or persons. Keep container closed to avoid spills and contamination.

DO NOT apply this product through any type of irrigation system.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical resistant gloves, such as barrier laminate or butyl rubber \geq 14 mils or nitrile rubber \geq 14 mils or viton \geq 14 mils
- Shoes plus socks
- Protective eyewear

STORAGE AND DISPOSAL

STORAGE: KEEP FROM FREEZING. DO NOT STORE BELOW 40°F. SHAKE WELL BEFORE USING.

DO NOT contaminate water, food or feed by storage or disposal.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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 incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DISCLAIMER

The label instructions for the use of this product reflect the opinion of experts based on research and field use. 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 use of, or application of the product contrary to label instructions, all of which are beyond the control of American Cyanamid Company. All such risks shall be assumed by the user.

American Cyanamid Company shall not be responsible for losses or damages resulting from use of this product in any manner not set forth on this label. User assumes all risks associated with the use of this product in any manner not specifically set forth on this label.

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use, subject to the risks referred to above. **CYANAMID DOES NOT MAKE OR AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED AND EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

BUYER'S EXCLUSIVE REMEDY AND AMERICAN CYANAMID'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF PASSPORT. In no case shall Cyanamid or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product.

USES WITH OTHER PRODUCTS (TANK MIXES)

If this product is used in combination with any other product except as specifically recommended in writing by American Cyanamid Company then American Cyanamid Company shall have no liability for any loss, damage or injury arising out of its use in any such combination not so specifically recommended. If used in combination recommended by American Cyanamid Company, the liability of American Cyanamid Company shall in no manner extend to any damage, loss or injury not directly caused by the inclusion of the American Cyanamid Company product in such combination use, and in any event shall be limited to return of the account of the purchase price of the American Cyanamid Company product.

GENERAL INFORMATION

PASSPORT is effective in providing weed control in reduced tillage (fields not tilled the previous fall) as well as conventional tillage production systems. Apply PASSPORT preplant incorporated from 45 days prior to planting up to planting. Incorporate PASSPORT within 24 hours of application. After PASSPORT is applied, some susceptible weeds emerge, growth stops, and the weeds either die or are not competitive with the crop.

The weed killing activity of PASSPORT involves herbicide uptake by weed roots and rapid translocation to the growing points. Therefore, adequate soil moisture is important for optimum PASSPORT activity. When adequate soil moisture is present, PASSPORT will provide residual control of susceptible germinating weeds.

Occasional internode shortening and/or temporary yellowing of soybean plants may occur following PASSPORT applications. This will not affect soybean yields.

Replanting: If replanting is necessary in a field previously treated with PASSPORT, the field may be replanted to soybeans. Rework the soil no deeper than the treated zone. Do not apply a second treatment of PASSPORT.

MIXING INSTRUCTIONS

Fill the spray tank one-half to three-quarters full with clean water. While agitating add the required amount of product and then fill the remainder of the tank with water. Maintain agitation while spraying to ensure a uniform spray mixture.

To avoid injury to sensitive crops, spray equipment used for PASSPORT applications must be drained and thoroughly cleaned with water before being used to apply other products.

HERBICIDE COMBINATIONS

PASSPORT may be applied preplant incorporated in tank mix combination with metribuzin (Sencor¹ or Lexone²) PASSPORT may also be applied preplant incorporated, followed by a preemergence application of metribuzin or linuron (Lorox² or Linex³). The tank mix or sequential application of PASSPORT and metribuzin will enhance the control of common cocklebur and common ragweed in addition to the weeds controlled by a soil application of PASSPORT. The sequential application of PASSPORT followed by linuron will enhance the control of common ragweed.

Apply PASSPORT at the broadcast rate of 2 1/2 pints per acre. Refer to the metribuzin or linuron label for specific application rates, restrictions and precautionary instructions.

Under conditions of heavy grass pressure, the addition of a grass herbicide such as PROWL[®] or trifluralin may be tank-mixed with PASSPORT.

When PASSPORT is used in combination with another herbicide, refer to the respective label for rates, methods of application, proper timing, weeds controlled, restrictions and precautions. Always use in accordance with the more restrictive label restrictions and precautions. No label dosages should be exceeded. PASSPORT cannot be mixed with any product containing a label prohibiting such mixtures.

SPRAYING INSTRUCTIONS

DO NOT apply when wind velocity is greater than 10 mph, or when spray may be carried to sensitive crops. Sensitive crops include leafy vegetables, sugarbeets, and cotton.

GROUND APPLICATIONS:

Uniformly apply with properly calibrated ground equipment in 10 to 40 gallons of water per acre. A spray pressure of 20 to 40 psi is recommended. Adjust the boom height to ensure proper coverage.

APPLICATIONS WITH LIQUID FERTILIZER:

PASSPORT can be applied to the soil in liquid fertilizers. Follow all PASSPORT label recommendations regarding incorporation, timing of application, special instructions and precautions. Apply treatments in 20 or more gallons of liquid fertilizer per acre with ground equipment. Always test the compatibility of PASSPORT with liquid fertilizer before mixing in the spray tank.

[®]PROWL is a registered trademark of American Cyanamid Company.

¹Sencor is a trademark of Mobay Corporation.

²Lexone and Lorox are trademarks of E.I. duPont de Nemours and Company.

³Linex is a trademark of Griffin Ag Products Co., Inc.

APPLICATIONS WITH DRY BULK FERTILIZER:

PASSPORT may be impregnated on dry bulk fertilizers. When applied as directed, PASSPORT/dry bulk fertilizer mixtures provide weed control equal to that provided by the same rates of PASSPORT applied in water or liquid fertilizer.

Follow all PASSPORT label recommendations regarding application and incorporation, special instructions and precautions. Apply PASSPORT/dry bulk fertilizer mixtures only with ground equipment.

All individual state regulations relating to dry bulk fertilizer, registration, labeling, and application are the responsibility of the individual and/or company selling the PASSPORT/dry bulk fertilizer mixtures.

A minimum of 200 pounds and a maximum of 450 pounds of dry bulk fertilizer impregnated with the recommended amount of PASSPORT must be applied per acre.

DO NOT impregnate PASSPORT onto coated ammonium nitrate or limestone because these materials will not absorb the herbicide. Dry fertilizer blends containing mixtures of ammonium nitrate or limestone may be impregnated with PASSPORT. A minimum of 200 pounds of impregnated dry bulk fertilizer, excluding the weight of ammonium nitrate or limestone, must be applied per acre.

Apply PASSPORT at the rate of 2 and 1/2 pints per acre. Use the following table to determine the amount of PASSPORT to be impregnated on a ton of dry bulk fertilizer based on the rate of fertilizer which will be applied per acre.

RATE CHART FOR IMPREGNATION OF DRY BULK FERTILIZER WITH PASSPORT
(Pints of PASSPORT per Ton of Fertilizer)

| <u>PASSPORT Rate</u> <u>Per Acre</u> | <u>Fertilizer Rate</u> <u>pounds per acre</u> | <u>Pints per Ton</u> |
|---|--|----------------------|
| 2 1/2 pints | 200 | 25 |
| | 250 | 20 |
| | 300 | 16 2/3 |
| | 350 | 14 1/3 |
| | 400 | 12 1/2 |
| | 450 | 11 |

For those rates not listed in this table, calculate the pints of PASSPORT to be impregnated on a ton of dry bulk fertilizer using the following formula:

$$\frac{2000}{\text{Pounds of dry fertilizer per acre}} \times \frac{2 \frac{1}{2} \text{ Pints of PASSPORT per acre (recommended rate)}}{1} = \text{Pints of PASSPORT per ton of fertilizer}$$

To impregnate PASSPORT on bulk fertilizer, use a closed rotary-drum mixer or other commonly used dry bulk fertilizer blender equipped with suitable spray equipment. Spray nozzles must be placed to provide uniform coverage of PASSPORT onto the fertilizer during mixing.

If Treflan is to be combined with the PASSPORT prior to impregnation, premix the Treflan with an equal volume of water before adding it to the PASSPORT. DO NOT mix undiluted Treflan with PASSPORT.

Apply the PASSPORT/dry bulk fertilizer mixture with an accurately calibrated dry fertilizer spreader. The PASSPORT/dry bulk fertilizer mixture must be spread uniformly on the soil surface. Uneven spreading can cause poor weed control and crop injury.

Refer to PREPLANT INCORPORATED APPLICATIONS section of this label for incorporation directions.

PASSPORT HERBICIDE USE AREA

PASSPORT may be applied to soybeans only in the states or parts of states shaded in the map below:

(In Minnesota PASSPORT may be applied south of state highway 210. In Texas PASSPORT may be applied east of state highway 83).

(SEE USE AREA MAP)

USE RATE (2 1/2 PINTS PER ACRE)

Apply PASSPORT at a broadcast rate of 2 1/2 pints per acre. At this broadcast rate, one gallon of PASSPORT will treat 3.2 acres of soybeans.

NOTE: Only one application of PASSPORT may be made during the season.

WEEDS CONTROLLED

When applied as directed, PASSPORT will control or reduce competition from the weeds listed below.

NOTE: C = Control, R = Reduced Competition

BROADLEAF WEEDS

| Weeds Controlled | Preplant Incorporated |
|-------------------------|-----------------------|
| Anoda, spurred | C |
| Buffalobur | C |
| Carpetweed | C |
| Cocklebur, common* | C |
| Devilsclaw | C |
| Galinsoga | C |
| Jimsonweed | C |
| Kochia | C |
| Lambquarters, common | C |
| Mallow, Venice | R |
| Morningglory | |
| entireleaf | R |
| ivy leaf | R |
| pitted | R |
| smallflower | C |
| tall | R |
| Mustard species | C |
| Nightshade | |
| black | C |
| Eastern black | C |
| hairy | C |
| Pigweed | |
| palmer | C |
| redroot | C |
| smooth | C |
| spiny | C |
| Puncturevine | C |
| Purslane, common | C |
| Pusley, Florida | C |
| Ragweed, | |
| common | R |
| giant | R |
| Sida, prickly (teaweed) | C |
| Smartweed | |
| ladysthumb | C |
| Pennsylvania | C |
| Spurge | |
| prostrate | C |
| spotted | C |
| Sunflower, common | C |
| Velvetleaf | C |
| Waterhemp, tall | C |

* Cultivation and/or a postemergence herbicide may be required for season-long control.

GRASS WEEDS

| Weeds Controlled | Preplant Incorporated |
|------------------|--------------------------|
|------------------|--------------------------|

| | |
|------------------------|---|
| Barnyardgrass | C |
| Crabgrass | |
| large | C |
| smooth | C |
| Crowfootgrass | C |
| Cupgrass, woolly | C |
| Foxtail | |
| giant | C |
| green | C |
| yellow | C |
| Goosegrass | C |
| Itchgrass | R |
| Johnsongrass | |
| seedling | C |
| rhizome | R |
| Millet, wild proso | R |
| Panicum | |
| browntop | C |
| fall | C |
| Texas | C |
| Sandbur, field | C |
| Shattercane | C |
| Signalgrass, broadleaf | C |
| Sorghum alnum | C |
| Witchgrass | C |

SEDGES

| | |
|----------|---|
| Nutsedge | |
| yellow | R |
| purple | R |