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241-325

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Ms. Desiree L. Litte
American Cyanamide Company
P.O. BOX 400
Princeton, NJ 08543-0400

MAR 16 1995

Dear Ms. Little:

Subject: PASSPORT® Herbicide
EPA Registration No. 241-325
Application Dated September 20, 1993, Request for
Minor Label Amendments

The proposed amendments to the labeling of the subject pesticide product registration have been reviewed and are acceptable under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended provided that you:

o Submit one (1) copy of your final printed labeling before you release the product for shipment under the accepted labeling.

If this condition is 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 this condition.

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

Sincerely yours,

Joanne I. Miller
Product Manager (23)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

E. Wilson: Diskette ABC18 03-16-95

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PASSPORT[®]
herbicide

FOR USE IN SOYBEANS

ACTIVE INGREDIENTS:

Ammonium salt of imazethapyr: (±)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-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** 70.3%

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!

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

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

2

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

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 washwater.

DIRECTIONS FOR USE

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

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.

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 burning. If burned, stay out of smoke.

4/2/15

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, herbicide resistant weed populations, 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

Entry into treated fields is not permitted without protective clothing until sprays have dried.

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.

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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.

Use of PASSPORT herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

Within any weed population, there may be the potential for the occurrence of weeds resistant to herbicides when compounds that affect the same site of action are used continuously on the same acre. Therefore, any multiple year weed management program should include, when local agronomic practices allow, as many of the following practices as possible:

- use scouting and weed thresholds to determine the need for herbicide treatment
- utilize tank-mixtures or sequential applications of different mode-of-action herbicides to control the same target weeds
- combine cultivation with herbicide treatments

See your Cyanamid representative for additional information.

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-fourth to one-half 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.

TANK MIX COMBINATIONS WITH OTHER HERBICIDES

If other herbicides are tank-mixed with PASSPORT, while agitating, add components in the following order:

- 1) Fill spray tank 1/4 to 1/2 full with clean water.
- 2) Add PASSPORT.
- 3) Add other EC (emulsifiable concentrate) products.
- 4) Add soluble packet products and thoroughly mix.
- 5) Add WP (wettable powder), DG (dispersible granules) or DF (dry flowable) formulations not in soluble packets.
- 6) Add aqueous solution products.
- 7) Add liquid dispersible products.
- 8) While agitating, fill the remainder of the tank with water.

60710

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

Do not apply PASSPORT to soybeans in North Dakota or in Minnesota north of state highway 210.

**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

9/15

Weeds Controlled	Preplant Incorporated
Anoda, spurred	C
Buffalobur	C
Carpetweed	C
Cocklebur, common	R
Devilsclaw	C
Galinsoga	C
Jimsonweed	C
Kochia	C
Lambquarters, common	C
Mallow, Venice	R
Morningglory	
entireleaf	R
ivyleaf	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	C
Velvetleaf	C
Waterhemp, tall	C

GRASS WEEDS

Weeds Controlled	Preplant Incorporated
Barryardgrass	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

11/07/15

SOIL APPLICATION INSTRUCTIONS

PASSPORT may be soil applied and incorporated up to 45 days (early preplant) prior to soybean planting. DO NOT apply after planting soybeans.

PASSPORT controls weeds by uptake by weed roots and translocation to the growing points where it stops weed growth.

Adequate soil moisture is required for optimum activity. The amount of rainfall or irrigation required following application depends on existing soil moisture, soil texture and organic matter content. Sufficient water to moisten the soil to a depth of 2 inches is normally adequate. If dry soil conditions persist following a PASSPORT application, a cultivation is recommended to control escaped weeds. When adequate moisture is received after dry conditions, PASSPORT will provide residual control of susceptible germinating weeds; activity on established weeds will depend on the weed species and the location of its root system in the soil.

11

12.15

PREPLANT INCORPORATED APPLICATIONS

PASSPORT may be applied either prior to spring tillage, or following land preparation and should be thoroughly incorporated to a depth of 2 to 3 inches. When applied to beds, maintain PASSPORT in the surface 1-2 inches of the finished beds. Application may be made up to 45 days prior to planting (early preplant). Incorporate prior to soybean planting and within 24 hours of application. Mechanical incorporation can be achieved by the following:

- (a) Disk harrow set to cut 3 to 4 inches deep and operated at 4 to 6 mph with the second pass at an angle to the first.
- (b) PTO-driven equipment (tillers, cultivators, hoes) set to cut 2-3 inches deep and operated one time at 4 mph or less.
- (c) Rolling cultivator set to cut 2 to 4 inches deep and operated two times at 6 to 8 mph. Use only on coarse textured soils.
- (d) Field cultivator with 3 to 4 rows of sweeps (Do not use chisel points), spaced at intervals of 7 inches or less and staggered so that no soil is left unturned, set to cut 3 inches deep, and operated two times at more than 5 mph with the second pass made at an angle to the first.
- (e) LELY-Roterra⁴ set and operated according to the manufacturer's directions to thoroughly incorporate PASSPORT to a depth of 2 to 3 inches.
- (f) Do-All set and operated according to the manufacturer's directions to thoroughly incorporate PASSPORT to a depth of 2 to 3 inches.

If soybeans are planted on beds, apply and incorporate after bed formation using PTO-driven equipment or a rolling cultivator. For optimum weed control, PASSPORT should be maintained in the surface 1-2 inches of the finished bed.

⁴LELY-Roterra is a trademark of Lely.

12

13/15

ROTATIONAL CROPS

The following rotational crops may be planted after applying PASSPORT at the recommended rate in soybeans:

- 1. Anytime
 - Lima beans
 - Southern peas
 - Soybeans
 - Peanuts
- 2. Four months after PASSPORT application:
 - Wheat
 - Edible beans and peas (other than lima beans and Southern peas)
- 3. Nine and one-half months after PASSPORT application:
 - Barley
 - Field corn
 - Field corn grown for seed*
 - Rye
 - Tobacco
- 4. Eighteen months after PASSPORT application:
 - Alfalfa
 - Cotton
 - Lettuce
 - Oats
 - Popcorn
 - Safflower
 - Sorghum
 - Sweet corn
- 5. Twenty six months after PASSPORT application.
 - All crops not listed elsewhere in this ROTATIONAL CROP GUIDELINE.
- 6. Forty months after PASSPORT application.
 - Sugarbeets

*Several seed companies have tested a wide range of inbreds for sensitivity to PASSPORT soil residues and have reported good crop safety. However, due to the proprietary nature of seed production, American Cyanamid has not been given access to the inbred data. Growers are directed to contact the seed company for information and recommendations regarding the planting of corn grown for seed in fields treated with PASSPORT the previous year. Since growing conditions, environmental conditions and grower practices are beyond the control of American Cyanamid Company, all risks and consequences associated with planting seed corn inbreds into fields treated previously with PASSPORT shall be assumed by the user.

Use of PASSPORT herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations; however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, rotational crop injury is always possible.

14 of 15

PRECAUTIONS

If soybeans are furrow irrigated, till the soil prior to planting winter wheat or barley. The beds should be broken up and the soil mixed with tillage equipment set to cut 4-6 inches deep.

Only rotational crops harvested at maturity may be used for feed or food.

In the event of a crop loss due to weather, soybeans can be replanted. DO NOT work the soil deeper than 2 inches.

There should be an interval of at least 85 days between an application of PASSPORT and soybean harvest.

DO NOT graze or feed treated soybean forage, hay or straw to livestock.

DO NOT apply products containing chlorimuron ethyl (Classic⁵, Canopy⁵, Gemini⁵, Lorox Plus⁵, PREVIEW⁵, etc.) or imazaquin (SCEPTER[®], SQUADRON[®], or TRI-SCEPT[®], SCEPTER[®] O.T.[®], SCEPTER[®] 70DG,) or products containing imazethapyr (PURSUIT[®], or PURSUIT[®] PLUS) the same year as PASSPORT or injury to follow crops may occur.

⁵Classic, Canopy, Preview, Gemini and Lorox Plus are trademarks of E.I. duPont de Nemours and Company.
[®]Registered Trademarks of American Cyanamid Company.

For additional information regarding the use of PASSPORT herbicide, call telephone no. 800-942-0500.

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

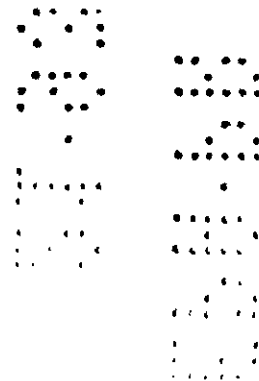
14

NOT

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 16 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
241-325



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