

PM 25

241 - 404

11/01/99

1/16



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
241-404

Date of Issuance:
11-1-99

Term of Issuance:
Conditional

Name of Pesticide Product:
Standout herbicide

NOTICE OF PESTICIDE:
 Registration
 Reregistration

(Under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

American Cyanamid Company
P.O. Box 400
Princeton, NJ 08543-0400

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes listed below before you release the product for shipment:

a. Add the phrase, "EPA Reg. No. 241-404".

b. When labels are printed assure that the Signal Words DANGER - PELIGRO and Keep Out Of The Reach Of Children meet the type size required by 40 CFR 156.10(h)(1)(iv).

Signature of Approving Official:

Date:

11-1-99

c. In the Hazards to Humans section change "Avoid contact with skin, eyes or clothing" to "Avoid contact with skin".

d. Modify the FIRST AID section to include the following:

If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor.
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
If on skin:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage

e. In the Rates section specify "Only one application of Standout Herbicide may be made during the season". If you intend multiple applications, submit an application for amended registration and specify a Pursuit Herbicide product currently registered for multiple applications to soybeans. Otherwise, submit or cite data to support multiple applications for this product.

f. Under Mixing Instructions specify "...surfactant cleared for application to growing crops...."

g. According to PR Notice 82-2, the Tank Mix directions with other herbicide must include statements similar to the following:

page 3

EPA Reg. No. 241-404

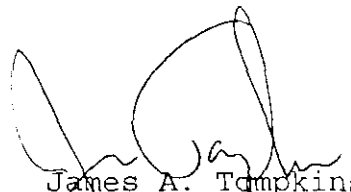
This product can be mixed with _____
(chemical name, including percentage of active ingredient
and type of formulation, or specific product name, or both)
for use on _____ (Crops/sites) in accordance with
the more (most) restrictive of label limitations and
precautions. No label dosage rates should be exceeded.
This product cannot be mixed with any product containing
a label prohibition against such mixing.

3. Submit one (1) copy of your final printed labeling before
you release the product for shipment. Refer to the A-79 enclosure
for a further description of final printed labeling.

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.

The basic formula and alternate formula dated October 18, 1999
are acceptable and have been included in the files for this product.
For your information enclosed are copies of the scientific reviews,

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



James A. Tompkins
Product Manager (25)
Herbicide Branch
Registration Division (7505C)

Enclosure

4/14

STANDOUT™ herbicide

ACTIVE INGREDIENTS:

Imazethapyr, (+)-2-[4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl]-5-ethyl-3-pyridinecarboxylic acid 2.7%

Glyphosate, N-phosphonomethyl)glycine, in the form of its isopropylamine salt 21.9%

INERT INGREDIENTS: 75.4%

TOTAL..... 100.0%

STANDOUT contains 2.25 pounds of active ingredient per gallon (0.25 pounds acid equivalent of imazethapyr and 2 pounds of glyphosate as the isopropyl amine salt).

EPA Reg. No. 241-

EPA Est. No.

Imazethapyr U.S. Patent No. 4,798,619

ACCEPTED with COMMENTS
In EPA Letter Dated:
NOV 1 1999

KEEP OUT OF REACH OF CHILDREN

DANGER!/PELIGRO!

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 241-264

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

FIRST AID

- If in eyes:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.
- If on skin:** Wash with plenty of soap and water. Get medical attention.
- If swallowed:** Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, eggwhites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

See Inside for Additional Precautionary Statements.

In case of an emergency endangering life or property involving this product, call collect, day or night, Area Code (973) 683-3100.

Net Contents:



PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Corrosive: causes irreversible eye damage. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield, or safety glasses). Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment) PPE:

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- waterproof gloves
- shoes plus socks
- protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

<p>User Safety Recommendations:</p> <p>User should:</p> <ul style="list-style-type: none"> • 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

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

This product demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

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.

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

This labeling must be in the possession of the user at the time of herbicide application.

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 48 hours.

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 plant, soil, or water, is:

- coveralls
- waterproof gloves
- shoes plus socks
- protective eyewear

STORAGE AND DISPOSAL

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

Do not store below 40°F. If the product becomes crystalline, store at room temperature to thaw. Shake well before using. Keep containers closed to avoid spills and contamination.

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, 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, 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 STANDOUT™ herbicide. 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 amount of the purchase price of the American Cyanamid Company product.

GENERAL INFORMATION

STANDOUT provides burndown and residual control of many broadleaf and grassy weeds in soybeans. It can be applied to no-till soybeans as a burndown prior to planting. It may also be applied postemergence to ROUNDUP® READY soybeans for postemergence, season long weed control. STANDOUT is effective for control of difficult weeds common to no-till production, including marestalk.

BURNDOWN WEED CONTROL (No-till soybeans and stale seedbed)

Apply STANDOUT herbicide for burndown of weeds in no-till soybeans. It may be applied prior to planting, or preemergence of any soybean variety (including ROUNDUP READY or non-ROUNDUP READY soybeans). Add 2,4-D to the spray tank for enhanced control of perennial weeds including marehail and hemp dogbane.

ROUNDUP READY SOYBEANS (glyphosate resistant)

STANDOUT may also be applied for postemergence weed control in ROUNDUP READY soybeans. Apply STANDOUT for general weed burndown and residual control of broadleaf and grassy weeds.

For season-long control of grasses, apply PROWL® 3.3 EC herbicide prior to planting soybeans. PROWL 3.3 EC will also enhance control of waterhemp. A postemergence application of STANDOUT will control any escape weeds and provide season-long control of most broadleaf and grass weeds.

NOTE: DO NOT apply STANDOUT postemergence to non-glyphosate-resistant soybeans.

ATTENTION

AVOID CONTACT OF STANDOUT WITH FOLIAGE OF DESIRABLE PLANTS, BECAUSE SEVERE INJURY OR PLANT DEATH MAY RESULT.

AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS.

Do not allow the herbicide solution to drift onto desirable vegetation. Very small amounts of drift may cause injury or death to desirable crops or plants. The likelihood of injury occurring from the use of this product increases when winds are gusty. The risk of injury from this product increases, when wind direction is constantly changing or during inversion conditions or other weather conditions that favor drift. Avoid applications using high spray pressure and high speed. These contribute to conditions that favor small spray droplets and drift.

RATES**BURNDOWN WEED CONTROL (No-till soybeans and stale seedbed):**

Apply STANDOUT at the rate of one quart per acre.

(One gallon will treat 4 acres of soybeans at this rate).

ROUNDUP READY SOYBEANS (glyphosate-resistant) - in crop postemergence weed control.

To minimize weed competition to the soybeans, apply to weeds 1 – 8 inches in size.

Apply STANDOUT at the rate of one quart per acre.

(One gallon will treat 4 acres of soybeans at this rate).

MIXING INSTRUCTIONS

BURNDOWN OR POSTEMERGENCE APPLICATIONS OF STANDOUT REQUIRE THE ADDITION OF A SURFACTANT AND FERTILIZER.

I. SURFACTANTS: Use a non-ionic surfactant containing at least 80% active ingredient. . Apply the surfactant at the rate of 1 quart per 100 gallons of spray mixture (0.25% v/v of the spray mixture).

AND

II. FERTILIZER: Include a fertilizer in the spray solution. Add spray grade ammonium sulfate at the rate of 2.5 lb. per acre. Instead of ammonium sulfate, a nitrogen-based liquid fertilizer (such as 28%N, 32%N or 10-34-0) may be used at the rate of 1-2 quarts per acre. Use the higher rate when weeds are under moisture or temperature stress.

When mixing STANDOUT, while agitating, add components in the following order:

- 1) Fill spray tanks 1/2 full with clean water.
- 2) Add STANDOUT and thoroughly mix.
- 3) Add surfactant to the spray tank.
- 4) Add fertilizer.
- 5) While agitating, fill the remainder of the tank with water.

DRIFT CONTROL ADDITIVES

Drift control additives may be included to either ground or aerial applications. When a drift control agent is used, read and carefully observe the precautionary statements and all other information appearing on the additive label.

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

When STANDOUT 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. STANDOUT cannot be mixed with any product containing a label prohibiting such mixtures.

SPRAYING INSTRUCTIONS

DO NOT apply when winds are gusty, under low-level inversion conditions or under other conditions that favor drift. Maintain appropriate buffer zones between treated fields and adjacent desirable vegetation. Exposed leaves or other green tissue may be damaged or killed by drift from STANDOUT.

GROUND APPLICATIONS

Uniformly apply with properly calibrated ground equipment in 10 or more gallons of water per acre. A spray pressure of 20 to 40 psi is recommended.

To ensure thorough coverage, use a minimum of 20 gallons of water per acre when applying STANDOUT to minimum or no-till crops. Use higher gallonage for fields with dense vegetation or heavy crop residues. Adjust the boom height to ensure proper coverage of weed foliage (according to the manufacturer's recommendation). Use only flat-fan nozzle tips for postemergence applications.

Avoid overlaps when spraying.

STANDOUT APPLICATIONS WITH A LOW VOLUME SPRAYER

STANDOUT may be applied to soybeans with a low volume (Spra-Coupe-type) sprayer. When applying STANDOUT with a low volume sprayer, spray the weeds before they reach the maximum size listed in this label. Adequate control of weeds is dependent upon good spray coverage of the weeds. The sprayer must be calibrated to deliver the recommended spray volume and pressure to ensure adequate spray coverage of the weeds.

When applying STANDOUT with a low volume sprayer, apply a minimum of 10 gallons per acre of spray solution with a nozzle pressure between 40-60 psi for optimum coverage. Lower nozzle pressure will minimize the potential for drift to desirable vegetation.

AERIAL APPLICATION

Uniformly apply with properly calibrated aerial equipment in 5 or more gallons of water per acre. When applied POSTEMERGENCE, the addition of a non-ionic surfactant AND fertilizer solution are required for optimum weed control. Apply a non-ionic surfactant at the rate of 0.25% v/v of spray solution AND ammonium sulfate at the rate of 2.5 lb/acre, or liquid fertilizer at the rate of 1 quart per acre. (See instructions under APPLICATION INFORMATION - POSTEMERGENCE).

To avoid injury to sensitive crops from drift, aerial applicators must adhere to the following SPECIAL AERIAL USE DIRECTIONS AND PRECAUTIONS.

- Nozzle height above ground must be a maximum of 10 feet.
- Nozzles must be pointed toward the rear of the aircraft. The downward angle of the nozzle should not be greater than 20 degrees.
- To minimize wing-tip vortex roll, nozzles or spray boom must not be located any closer to end of wing or rotor than three-fourths the distance from the center of the aircraft.
- Use a maximum spray pressure of 40 psi.
- A buffer zone must be established between the area to be sprayed and sensitive crops.
- DO NOT spray when wind velocity is greater than 5 mph. Coarse sprays (larger droplets) are less likely to drift.

Applicator is responsible for any loss or damage which results from spraying STANDOUT in a manner other than recommended in this label. In addition, applicator must follow all applicable state and local regulations and ordinances in regard to spraying.

APPLICATION INFORMATION

POSTEMERGENCE

STANDOUT is effective in controlling weeds in conservation tillage as well as in conventional production systems. Apply STANDOUT herbicide as an early postemergence treatment when weeds are actively growing and before they exceed a height of 8 inches, unless otherwise indicated. Delay application until the majority of the weeds are at the recommended growth stage. Application timing should be based on weed size and not crop growth stage. Apply STANDOUT to crops and weeds that are actively growing.

A non-ionic surfactant and a nitrogen-based fertilizer must be added to the spray solution for optimum weed control activity. See the ADJUVANTS section under MIXING INSTRUCTIONS for specific instructions.

When STANDOUT is applied postemergence, absorption will occur through both the roots and foliage. Susceptible weeds stop growing and either die or are not competitive with the crop. STANDOUT not only controls many existing broadleaf and grass weeds when applied postemergence, it also provides control of susceptible weeds that may emerge after application.

For maximum weed control, cultivate 7 - 10 days following a postemergence STANDOUT application. This timely cultivation will enhance residual weed control, especially under dry conditions.

STANDOUT should be applied a minimum of one hour before rainfall or overhead irrigation.

Unusually cool temperatures (50° F or less) reduce photosynthesis and transpiration and thus reduce uptake, translocation, and efficacy of STANDOUT herbicide in weeds. If air temperature has been below 50° F for 10 or more hours, delaying a STANDOUT application for 48 hours after the temperature increases above 50° F, will improve weed control and reduce crop response.

NO-TILL/MINIMUM TILLAGE AND DOUBLE CROP SOYBEANS

STANDOUT controls existing weeds and provides residual control of most weeds when applied early postemergence to soybeans in no-till or minimum tillage and double crop soybean production systems. The application may be applied either before or after emergence of the crop. (Refer to the WEEDS CONTROLLED chart for weeds controlled and recommended weed size).

The addition of PROWL 3.3 EC herbicide in a tank-mixture with STANDOUT for burndown weed control will provide season-long control of grasses and enhance control of waterhemp.

For improved burndown weed control, STANDOUT may be tank-mixed with 2,4-D. Refer to the 2,4-D label for application rates and intervals between application and planting.

WEEDS CONTROLLED

BROADLEAF WEEDS

<u>Weeds Controlled</u>	<u>Maximum Size (inches)</u>
Alligator weed	5
Anoda, spurred	3
Artichoke Jerusalem	8
Buffalobur	5
Bristly starbur	3
Burcumber	6
Carpetweed	18
Chickweed	18
Cocklebur, common	18
Copperleaf	
Hophornbeam	2
Virginia	2
* Corn (volunteer)	20
Eclipta	8
Fleabane	
Annual	8
Hairy	8
Rough	6
Jimsonweed	5
Hemp sesbania	2
Horseweed/marestail	12
Knotweed	8
Kochia	12
Lambsquarters, common	8
Marshelder	5
Morningglory	
entireleaf	2
ivyleaf	2
pitted	2
smallflower	4
tall	2
Mustard spp.	18
Nightshade	
Black	12
Eastern black	12
Hairy	12
Pigweed	
Redroot	18
Smooth	18
Spiny	18
Ragweed	
Common	6
Giant	6

BROADLEAF WEEDS (cont.)

Weeds Controlled

Maximum Size (inches)

Smartweed	
Ladysthumb	6
Pennsylvania	6
Spurge,	
Prostrate	12
Spotted	12
Sicklepod	3
Sunflower	18
Teaweed/prickly sida	2
Velvetleaf	5
Waterhemp	6

GRASS WEEDS

*Barley (volunteer)	12
Barnyardgrass	6
Crabgrass	
Large	12
Smooth	12
Cupgrass, woolly	12
Foxtail	
Giant	18
Green	18
Yellow	18
Goosegrass	5
Johnsongrass	
Seedling	12
Rhizome	12
Oats (volunteer)	12
Panicum	
Fall	12
Texas	12
Browntop	12
Red rice	4
Rye	18
Shattercane	18
Sprangletop	12
Signalgrass, broadleaf	5
Sorghum, alum	4
Wheat (volunteer)	18
Wild oats	12

SEDGES

Purple	3*
Yellow	3*

*Reduced competition

ROTATIONAL CROP GUIDELINE

The following rotational crops may be planted after applying STANDOUT at the recommended rate: (Planting earlier than the recommended interval may result in crop injury).

1. Anytime

Lima beans	Soybeans
Southern peas	Peanuts
IMI-CORN® seed hybrids (resistant/tolerant to PURSUIT herbicide)	
2. Four months after STANDOUT application:
 - Alfalfa
 - Rye
 - Wheat
 - Edible beans and peas (other than lima beans and Southern peas)
3. Eight and one-half months after STANDOUT application:
 - Field corn
 - Field corn grown for seed
4. Nine and one-half months after STANDOUT application:
 - Barley
 - Tobacco
5. Eighteen months after STANDOUT application:

Cotton	Safflower
Lettuce	Sorghum
Oats	Sunflower
Popcorn	Sweet corn
6. Twenty-six months after STANDOUT application.
 - Potatoes
 - Flax
7. Forty months after STANDOUT application.*
 - All crops not listed elsewhere in this ROTATIONAL CROP GUIDELINE

*Following forty months after a STANDOUT application, and before planting any crop not listed elsewhere in the ROTATIONAL CROP GUIDELINE, a successful field bioassay must be completed. The field bioassay consists of a test strip of the intended rotational crop planted across the previously treated field and grown to maturity. The test strip should include low areas and knolls, and include variations in soil such as type and pH. If no crop injury is evident in the test strip, the intended rotational crop may be planted the following year.

Sugarbeet production can be reduced when grown in soil conditions with a pH less than 6.5. If the field is limed to adjust pH prior to planting rotational crops not listed in the ROTATIONAL CROP GUIDELINE, apply the lime at least 2 months prior to planting the rotational crop.

Use of STANDOUT 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.

EXCEPTIONS TO ROTATIONAL CROP GUIDELINE

Wheat: Wheat may be planted 3 months following a STANDOUT application in areas east of Interstate highway I-35.

Sweet corn and popcorn varieties: (States of Iowa, Illinois, Indiana, Ohio, Wisconsin, Minnesota and Tennessee only). Sweet corn and popcorn varieties may be planted the year following an application of STANDOUT. Some sweet corn and popcorn varieties may be injured when planted at less than 18 months following an application of STANDOUT herbicide. Before planting sweet corn for processing, contact the processor company for information and recommendations regarding the tolerance of sweet corn varieties planned for fields treated with STANDOUT the previous year. **DO NOT** plant fresh market sweet corn varieties prior to 18 months after STANDOUT use. Before planting popcorn, contact the popcorn company for information and recommendations regarding the tolerance of popcorn varieties planned for fields treated with STANDOUT 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 SWEET CORN OR POPCORN VARIETIES INTO FIELDS TREATED PREVIOUSLY WITH STANDOUT SHALL BE ASSUMED BY THE USER.*

Stunting and maturity delay or other adverse effects may result when sweet corn or popcorn are planted following STANDOUT use.

Corn inbred lines: Corn inbred seed lines may be planted the year following an application of STANDOUT. Several seed companies have tested a wide range of inbreds for sensitivity to STANDOUT 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 STANDOUT 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 STANDOUT shall be assumed by the user.*

Certain vegetable crops: (States of New Jersey, Virginia, North Carolina, South Carolina, Georgia, Alabama, Florida, Delaware, Maryland, Pennsylvania, Kentucky and Indiana only). *The following crops may be planted 18 months following the last application of STANDOUT: bahiagrass, cabbage, cantaloupe, cucumber, Irish potato, onion, sweet potato transplants, sweet pepper transplants, tomato transplants, and watermelon.*

16/16

EXCEPTIONS TO ROTATIONAL CROP GUIDELINE (cont.)

Barley: (States of Indiana, Ohio, Kentucky, Pennsylvania, New Jersey, Delaware, Virginia and Maryland only) Barley may be planted 4 months following a STANDOUT application in these states.

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.

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

STANDOUT applications should be made before soybean bloom.

Do not graze or feed treated soybean forage, hay or straw to livestock.



®PROWL 3.3EC is a Registered Trademark of American Cyanamid Company

™STANDOUT is a Trademark of American Cyanamid Company

®ROUNDUP READY SOYBEANS is a Trademark of Monsanto Company

9158
6/7/99