



United States Environmental Protection Agency Washington, DC 20460

Registration Amendment Other

OPP Identifier Number 259848

Application for Pesticide, Section I

1. Company/Product Number 241-377
2. EPA Product Manager J. Tompkins
3. Proposed Classification None Restricted
4. Company/Product Name LIGHTNING herbicide
5. Name and Address of Applicant American Cyanamid Company
6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. NOTIFICATION SEP 28 1999 Product Name

Section - II

Amendment - Explain below. Resubmission in response to Agency letter dated. Notification - Explain below. Final printed labels in response to Agency letter dated. Me Too Application. Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.) Minor label changes.

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging, 2. Type of Container, 3. Location of Net Contents Information, 4. Size(s) Retail Container, 5. Location of Label Directions, 6. Manner in Which Label is Affixed to Product

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) Name: Laura L. Whatley, Title: Global Regulatory Manager, Telephone No.: 609-716-2283. Certification: I certify that the statements I have made on this form... Signature: Laura L. Whatley, Title: Global Regulatory Manager, Date: September 21, 1999.



Supplemental Labeling

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EPA Reg. No. 241-377

FOR USE ONLY ON CLEARFIELD* CORN (IR) SEED HYBRIDS

DIRECTIONS FOR THE USE OF LIGHTNING HERBICIDE IN COMBINATION WITH ACCENT¹ HERBICIDE FOR IMPROVED GRASS WEED CONTROL

OBSERVE ALL PRECAUTIONARY STATEMENTS ON THE LIGHTNING LEAFLET LABEL BEFORE USING. SEE THE LIGHTNING LEAFLET LABEL FOR PRECAUTIONS, WORKER PROTECTION STANDARD REQUIREMENTS, APPLICATION INFORMATION, USES WITH OTHER PRODUCTS AND ROTATIONAL CROP RESTRICTIONS.

GENERAL INFORMATION

Apply the tank mixture of LIGHTNING herbicide plus Accent herbicide only on selected homozygous (IR) field corn hybrids (CLEARFIELD corn) warranted by the seed company to possess resistance/tolerance to direct application of LIGHTNING. This herbicide combination should not be applied to heterozygous (IT) CLEARFIELD corn hybrids.

DIRECTIONS FOR USE

It is a violation of Federal law to use either of these products in a manner inconsistent with its labeling.

Do not apply this product combination 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 labeling must be in the possession of the user at the time of pesticide application.

Observe all cautions and limitations on this label and on the labels of products used in combination with LIGHTNING. Do not use LIGHTNING other than in accordance with the instructions set forth on this label. The use of LIGHTNING not consistent with this label may result in injury to crops.

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

USE OF LIGHTNING PLUS ACCENT FOR IMPROVED GRASS WEED CONTROL IN CLEARFIELD CORN (IR) HYBRIDS

CORN HYBRID SELECTION: Apply the tank mixture of LIGHTNING herbicide plus Accent herbicide only on selected homozygous (IR) field corn hybrids (CLEARFIELD corn) warranted by the seed company to possess resistance/tolerance to direct application of LIGHTNING. This herbicide combination should not be applied to heterozygous (IT) CLEARFIELD corn hybrids. Do not apply to corn that is greater than 18 inches in height.

HERBICIDE COMBINATION USE: When LIGHTNING is used in combination with Accent, refer to each respective label for rates, methods of application, proper timing, weeds controlled, restrictions and precautions, except for those detailed below. Always use in accordance with the more restrictive label restrictions and precautions. No label dosages should be exceeded. Also, observe all cautions and limitations on this label and on the labels of products used in combination with LIGHTNING or Accent. Do not use LIGHTNING other than in accordance with the instructions set forth on this label. The use of LIGHTNING not consistent with this label may result in injury to crops.

(See other side)

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SURFACTANTS: Applications of LIGHTNING plus Accent require the use a non-ionic surfactant containing at least 80% active ingredient. Apply the surfactant at the rate of 1 quart per 100 gallons (0.25% vol./vol.). An organo-silicone surfactant may be used in place of a non-ionic surfactant. DO NOT use other adjuvant types, for example, crop oil concentrates, or nitrogen based fertilizers with this herbicide tank mixture.

MIXING INSTRUCTIONS

1. Fill the spray tank 1/2 to 3/4 full with clean water.
2. Add LIGHTNING and thoroughly mix.
3. Add other aqueous solution products.
4. Add other soluble packet products and thoroughly mix.
5. Add WP (wetable powder), DG (dispersible granule), DF (dry flowable), or LF (liquid flowable) formulations.
6. Add EC (emulsifiable concentrate) products.
7. Add adjuvant to the spray tank.
8. While agitating, fill the remainder of the tank with water.

SLURRY PREPARATION

LIGHTNING may be slurried prior to addition to the spray tank.

Add 1 to 2 water soluble packets per gallon of water

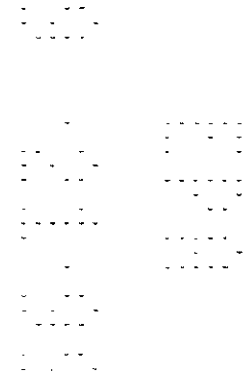
1. Allow water soluble bags to dissolve for 3-5 minutes or until bags have ruptured.
2. Agitate slurry for 10-15 minutes or until water soluble bags are completely in solution.
3. Transfer slurry to spray tank (begin spray tank agitation) filled 1/2 to 3/4 full with clean water.

RESTRICTED USE AREA

This combination of LIGHTNING and Accent may be used only in Arkansas, Alabama, Georgia, Florida, Louisiana, Mississippi, South Carolina, North Carolina, and Virginia and where homozygous (IR) CLEARFIELD corn hybrids are available.



® LIGHTNING is a Registered Trademark of American Cyanamid Company
 *CLEARFIELD is a Trademark of American Cyanamid Company
 †Accent is a Trademark of E.I. du Pont De Nemours & Company





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Registration
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 Other

OPP Identifier Number

259847

Application for Pesticide Section I

1. Company/Product Number 241-377	2. EPA Product Manager J. Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) LIGHTNING® herbicide	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) American Cyanamid Company Agricultural Products Research Division P.O. Box 400 Princeton, NJ 08543-0400 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name SEP 28 1999	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Minor label changes.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	If "Yes" Unit Packaging wgt. No. per container		<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Package wgt	No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Laura L. Whatley	Title Global Regulatory Manager	Telephone No. (Include Area Code) 609-716-2283
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Laura L. Whatley</i>	3. Title Global Regulatory Manager	
4. Typed Name Laura L. Whatley	5. Date <i>September 20, 1999</i>	



Supplemental Labeling

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EPA Reg. No. 241-377

FOR USE ONLY ON CLEARFIELD* CORN SEED HYBRIDS

COTTON PLANTING FOLLOWING LIGHTNING HERBICIDE APPLICATIONS

THIS LABEL EXPIRES AUGUST 1, 2000

OBSERVE ALL PRECAUTIONARY STATEMENTS ON THE LIGHTNING LEAFLET LABEL BEFORE USING. SEE THE LIGHTNING LEAFLET LABEL FOR PRECAUTIONS, WORKER PROTECTION STANDARD REQUIREMENTS, APPLICATION INFORMATION, USES WITH OTHER PRODUCTS AND ROTATIONAL CROP RESTRICTIONS.

GENERAL INFORMATION

Apply LIGHTNING herbicide only on selected field corn hybrids (CLEARFIELD corn) warranted by the seed company to possess resistance/tolerance to direct application of LIGHTNING.

DIRECTIONS FOR USE

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

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

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

ROTATIONAL CROP GUIDELINE

Cotton may be planted at the following intervals after a LIGHTNING herbicide application if the criteria are met.

I. 9.5 Months after an application of LIGHTNING

- Greater than 16 inches of rainfall and/or irrigation received following application of LIGHTNING through October of the application year, and
- only in the states listed below:

Alabama	Arkansas	Florida
Georgia	Kentucky	Louisiana
Mississippi	Missouri	N. Carolina
S. Carolina	Tennessee	Virginia

II. 18 Months after application of LIGHTNING

- If the above criteria are not met, rotation to cotton must be at least 18 months following application of LIGHTNING.

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 **CYANAMID**
 American Cyanamid Company
 Global Agricultural Products Division
 Crop Protection Products Department
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