



55146-103

12/31/2008

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	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) Ariel Rios Building 1200 Pennsylvania Ave., NW Washington, D.C. 20460	EPA Registration Number: 55146-103 —	Date of Issuance: DEC 31 2008
		Term of Issuance: Conditional	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration (under FIFRA, as amended)		Name of Pesticide Product: Spera 240 FS	
Name and Address of Registrant (include ZIP Code): Attn: Mary Beth Endres Nufarm Americas Inc. 150 Harvester Drive Suite 200 Burr Ridge, IL 60527			
<small>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.</small>			
<p>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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3 (c) (7) (A) provided that you:</p> <ol style="list-style-type: none"> 1. Submit/cite all data required for the registration/ reregistration of your product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of your product under FIFRA section 4. 2. Make the following label change: <ol style="list-style-type: none"> a. Page 1 - Change the EPA Registration Number to 55146-103 			
(Continued)			
Signature of Approving Official:  Shaja B. Joyner, Product Manager 20 Fungicide Branch Registration Division (7505P)		Date: — DEC 31 2008	

b. Page 2 - First Aid:

Move the First Aid statement to the front panel so it immediately follows the signal word.

c. Page 2 - Hazards to Humans and Domestic Animals:

Change the precautionary statements to "Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet." Move this text to the front panel so that it immediately follows the first aid statement

d. Page 2 - PPE:

Change the third bullet under PPE from "Chemical-resistant gloves" to "Chemical-resistant gloves (such as natural rubber)"

e. Page 2 - User Safety Requirements:

Place the text "Follow manufacturer's instructions . . . separately from other laundry." into a box and title the box "User Safety Requirements".

f. Page 2 - User Safety Requirements:

Change "If not such instructions for washables, . . ." to "If no such instructions for washables exist, . . ."

g. Page 2 - Environmental Hazards

Change "Do not contaminate water when disposing of equipment washwaters." to "Do not contaminate water when disposing of equipment washwaters or rinsate."

h. Page 3 - On-Farm Cotton Seed Treatment

In the very last sentence change "hoppe-box" to "hopper-box" and change "planted box" to "planter box"

i. Page 4 - Storage and Disposal

Change the subheading "Container Disposal" to "Container Handling"

3. Provide the following as conditions of registration:

- a. OPPTS number 830.6317 - storage stability - due April 1, 2010
- b. OPPTS number 830.6320 - corrosion characteristics - due April 1, 2010

4. Submit one (1) copy of the revised final printed label before the product is released for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions, contact Lisa Jones of my team at (703) 308-9424 or at jones.lisa@epa.gov.

Sincerely,

Shaja B. Joyner
Product Manager (20)
Fungicide Branch
Registration Division (7505P)

Enclosures: Stamped copy of label
October 31, 2008 Product Chemistry Review
November 24, 2008 Acute Toxicity Review

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SPERA™ 240 FS FUNGICIDE

SEED TREATMENT FUNGICIDE FOR USE IN TREATING COTTON SEED

ACTIVE INGREDIENT:

Myclobutanil: alpha-butyl-alpha-(4-chlorophenyl)-1H-1,2,4-triazole-1-propanenitrile 22.37%

OTHER INGREDIENTS: 77.63%

TOTAL: 100.00%

Contains 2 pounds active ingredient per gallon (240 grams per liter).

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SEE INSIDE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 55146-
EPA EST. NO.

Manufactured For
NUFARM AMERICAS INC.
AGT Division
150 Harvester Drive
Burr Ridge, IL 60527



NET CONTENTS: GAL. (L)

055146-00000.20081222.EPA.NEW
NUP-07179

**ACCEPTED
with COMMENTS
in EPA Letter Dated
DEC 31 2008**

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

55146-103

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if swallowed, absorbed through skin or inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

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

All mixers, loaders, applicators, flaggers, and other handlers must wear:

- Long -sleeved shirt and long pants,
- Shoes and socks,
- Chemical-resistant gloves.

Follow manufacturer's instructions for cleaning/maintaining PPE. If not such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS	
Users Should:	
<ul style="list-style-type: none"> • Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. • Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. • Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. 	

FIRST AID	
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 do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

For terrestrial uses, 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. Do not apply when weather conditions favor drift or runoff from areas treated.

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 requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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 intervals. 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.

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 made of any waterproof material, and shoes plus socks.

COMMERCIAL COTTON SEED TREATMENT

This product is recommended for use at time of planting as a seed treatment to protect against sore shin (*Rhizoctonia solani*) and black root rot (*Thielaviopsis basicola*) which impairs good cotton seed germination and seedling development. This product can be tank-mixed with other properly labeled cottonseed protectants for Pythium control. This product is a liquid formulation that can be pumped or poured directly into the cotton seed treater or diluted with water, provided the recommended amount of product is applied.

Use 1.25 to 4.0 fluid ounces of this product per 100 pounds cottonseed to reduce seedling damage caused by sore shin (*Rhizoctonia solani*) and black root rot (*Thielaviopsis basicola*).

Label Treated Seed: "This seed is treated with Spera 240 FS Fungicide, which contains the active ingredient myclobutanil. Do not use for food, feed, oil production or any other purpose except planting. Do not graze cotton plants grown from treated seed. Store away from feed and foodstuffs."

Always use this product with an EPA approved dye or colorant that imparts an unnatural color to the seed.

ON-FARM COTTON SEED TREATMENT

For mechanical treaters or hopper box treatments, dilute 1.25 to 4.0 fluid ounces of this product with 8 to 10 fluid ounces of water and apply to 100 pounds of cotton seed. Other cotton seed hopper box products may be applied with this product. Always follow the label recommendations on the respective products.

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

Do not use treated seed for food or feed purposes or process for oil. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time.

Seed treatment on agricultural establishment in hoppe-box, planted box, or other seed-treatment application at or immediately before planting is within the scope of WPS, while commercial treatment of seeds is not within the scope.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry secure area at temperatures above freezing and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out the reach of children.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is 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: Nonrefillable container: Do not reuse or refill this container.

[For containers smaller than 5 gallons:] Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Plastic containers are also disposable by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

[Nonrefillable Containers Larger than 5 Gallons:] Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Refillable Container: Refill this container with pesticide only. Do not reuse this container for any other purpose. Close all openings and replace all caps. Contact Nufarm's Customer Service Department at 1-800-345-3330 to arrange for return of the empty refillable container.

WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF

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