

55146-107

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

55146-107

Date of Issuance:

MAR 2 2009

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Sebring 318 FS Fungicide

Name and Address of Registrant (include ZIP Code):

Nufarm Americas Inc. AGT Division
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527

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 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 section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration 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. Submit the following studies within 18 months of the date of this registration:
 - a. Storage Stability – OPPTS 830.6317
 - b. Corrosion Characteristics – OPPTS 830.6320

Signature of Approving Official:

Mary L. Waller

Mary L. Waller, Product Manager (21)
Fungicide Branch, Registration Division (7505P)

Date:

3/2/2009

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2/9

3. Make the following changes to the label:

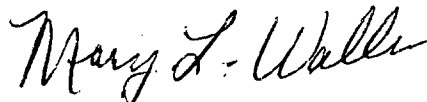
- a. Change the product registration number to "EPA Reg. No. 55146-107"
- b. On page 2 under **PERSONAL PROTECTIVE EQUIPMENT – Applicators and other handlers** add "• Chemical-resistant gloves such as barrier laminate or nitrile rubber or neoprene rubber or Viton"
- c. On page 3 in the **AGRICULTURAL USE REQUIREMENTS** box change "...chemical resistant footwear...." to "...shoes...."
- d. On page 3 under **GENERAL PRECAUTIONS AND RESTRICTIONS**, in the second paragraph delete the sentence "Therefore, Nufarm Americas Inc. cannot assume liability...of fungi."
- e. On page 3 add the following to the **On-Farm Seed Treatment** instructions: "**PLANTER BOX TREATMENT:** Apply at the specified rate and premix with the seed directly in the planter box at planting. Place half the amount of seed into the planter box and apply half the required amount of pesticide to the seed. Stir the seed thoroughly with a paddle until the seed is uniformly coated. Place the remaining half of the seed into the planter box and add the remaining half of the pesticide. Again stir the seed with the paddle until all seed is thoroughly coated."

4. Submit one copy of the revised final printed label for the record 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 section 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.

Sincerely,



Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7505P)

Enclosure:

Label stamped "Accepted with Comments"
Product Chemistry Review D357055 dated 12/24/08
Acute Toxicity Review D357056 dated 1/28/09

SEBRING™ 318 FS FUNGICIDE

FOR USE AS A SEED TREATMENT FOR CONTROL OF SYSTEMIC DOWNY MILDEW, *PYTHIUM* SEED ROT, *PYTHIUM* DAMPING-OFF, AND EARLY SEASON *PHYTOPHTHORA* DISEASES OF CERTAIN CROPS.

ACTIVE INGREDIENT:

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester 30.14%

OTHER INGREDIENTS: 69.86%

TOTAL: 100.00%

Contains 2.65 pounds Metalaxyl per gallon (318 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)

055146-00000.20090227.EPA.New
NUP-07154

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

MAR 2 2009

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

55146-107

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.
<p align="center">HOT LINE NUMBER</p> <p>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.</p>	

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

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

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 selection chart.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes and socks,

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS
<p>Users Should:</p> <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.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when disposing of equipment washwater or rinsate.

Groundwater Advisory Statement: This chemical is known to leach through soil into ground water under certain conditions as a result of agricultural use. 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.

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 24 hours.

Exception: If the seed is treated with the product and the treated seed 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 footwear plus socks and chemical-resistant gloves such as barrier laminate or nitrile rubber or neoprene rubber or Viton.

GENERAL PRECAUTIONS AND RESTRICTIONS

This product is a systemic fungicide seed dressing specifically for control of systemic downy mildews, *Pythium* and *Phytophthora spp.* For control of other soilborne diseases, combination of captan, thiram and carboxin registered formulations are compatible. Do not use with other seed treatment products unless previous experience assures compatibility.

Note: This product is a systemic fungicide having a specific mode of action. This product could be subject to development of resistant strains of fungi. Development of resistance cannot be predicted. Therefore, Nufarm Americas Inc. cannot assume liability for crop damage resulting from resistant strains of fungi. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance and ways to control any possible metalaxyl resistant strains of fungi which may occur. FAILURE TO FOLLOW DIRECTIONS OF THIS LABEL MAY RESULT IN CROP INJURY OR POOR DISEASE CONTROL.

In California: Only for use in commercial seed treating establishments. Not allowed for "on-farm" use.

On-Farm Seed Treatment: Do not apply this product through any type of irrigation system.

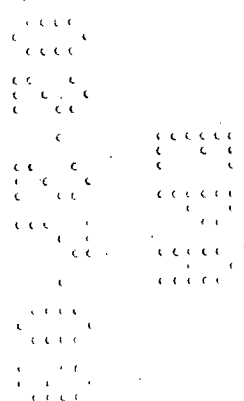
Do not use treated seed for food or feed purposes or process for oil. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time.

Seed treatment on agricultural establishment at or immediately before planting is within the scope of WPS, while commercial treatment of seeds is not within the scope.

For Commercial Seed Treatment: Seed treated commercially or for sale must be dyed an unnatural color using an EPA approved dye before sale. Federal law requires that bags containing treated seed shall be labeled with the following information:

"This seed has been treated with Sebring 318 FS Fungicide which contains the active ingredient metalaxyl. Do not use treated seed for food, feed, oil purposes. Store away from feed and foodstuffs. Do not harvest mustard greens. Rape greens grown and harvested from Sebring 318 FS Fungicide treated seed must not be used for human and feed consumption. Rapeseed grown and harvested from Sebring 318 FS Fungicide treated seed is only for industrial uses and cannot be used for edible oil or any other human/feed consumption."

Tank Mixing: When tank mixing follow the most restrictive label instructions for any tank mix partner. Do not tank mix with any product that contains a prohibition against tank mixing.



SEED TREATMENT

This product may be applied as a water-based slurry with other registered seed treatment insecticides and fungicides through standard slurry or mist-type commercial seed treatment equipment.

DOMESTIC USE

CROP	DISEASE	RATE (Fluid Ounces per 100 Pounds of Seed)
Beets, Garden Sugarbeets	<i>Pythium</i> damping-off control	0.70
Canola* Mustard Seed* Rapeseed*	<i>Pythium</i> damping-off control NOTE: Do not harvest mustard greens. Rape greens grown and harvested from Sebring 318 FS Fungicide treated seed must not be used for human and feed consumption. Rapeseed grown and harvested from Sebring 318 FS Fungicide treated seed is only for industrial uses and cannot be used for edible oil or any other human/feed consumption.	0.25 - 0.50
Carrots*	<i>Pythium</i> damping-off control	0.70
Cotton	<i>Pythium</i> seed rot and damping-off control	0.75 - 1.50
Cucumbers*	<i>Pythium</i> damping-off control	0.75
Forage Grasses Grasses grown for hay, grazing or silage, Corn (fodder or silage), Sorghum (hay or silage), and Small grain grown for hay, grazing or silage.	<i>Pythium</i> damping-off control	0.75
Forage Legumes Alfalfa, Beans (for forage), Clover, Cowpeas (for forage), Cowpea hay, Lespedeza, Peanuts (for forage), Peanut hay, Peas (for forage), Pea vine hay, Soybeans (for forage), Soybean hay, Trefoil, Velvet beans (for forage) and Vetch.	<i>Pythium</i> damping-off and early season <i>Phytophthora</i> control	0.75 - 1.50
Grain Crops Barley, Buckwheat, Corn (field corn, sweet corn and popcorn), Millet, Milo, Oats, Rye, Triticale, and Wheat	<i>Pythium</i> damping-off control	0.75
	Systemic downy mildew control of sweet corn	1.50
Peanuts*	<i>Pythium</i> seed rot and damping-off control	0.75
Rice*	<i>Pythium</i> damping-off control	0.75 - 1.50
	Note: If using Sebring 318 FS treated rice do not use metalaxyl or mefenoxam for control of <i>Pythium</i> in water-seeded rice. Containers or bags containing Sebring 318 FS treated rice seed must be labeled with this restriction.	
Seed and Pod Vegetables Black-eyed peas, Chickpeas (Garbanzos), Cowpeas, Dill, Edible soybeans, Field beans, Field peas, Garden peas, Green beans, Kidney beans, Lentils, Lima beans, Lupines, Navy beans, Okra, Peas, Pole beans, Snap beans, String beans and Wax beans.	<i>Pythium</i> damping-off control	0.75
	Early season <i>Phytophthora</i> control	0.75
	Control of <i>Pythium</i> damping-off and systemic downy mildew of peas	1.50

(continued)

DOMESTIC USE (Continued)

CROP	DISEASE	RATE (Fluid Ounces per 100 Pounds of Seed)
Sorghum	<i>Pythium</i> damping-off	0.375 - 0.75
	Systemic downy mildew (races susceptible to chemical control)	0.75 - 3.00 Apply 0.75 - 1.50 fluid ounces of this product on cultivars which possess sorghum downy mildew resistance. To those cultivars which do not possess resistance to a particular race of sorghum downy mildew in heavily infected areas with recent severe history, apply 1.50 - 3.00 fluid ounces of this product. Only high quality sorghum seed (90% germination and above) should be treated with this product.
Soybeans	<i>Pythium</i> damping-off control and early season <i>Phytophthora</i> control	0.75 - 1.50
Spinach*	<i>Pythium</i> damping-off control	0.75
	Note: Do not apply this product to spinach which is destined to be grown in the greenhouse. Containers or bags containing Sebring 318 FS treated spinach seed must be labeled with this restriction.	
Sunflowers	Systemic downy mildew control	1.50 - 3.00
Turf Grasses Golf Courses, Home Lawns, Reclamation and Erosion Control Projects	<i>Pythium</i> damping-off control	1.50

* Not registered for use in California

8/9

EXPORT USE

For treatment of the following seed for export to countries requiring treatment with metalaxyl before importation.

CROP	DISEASE	RATE (Fluid Ounces per 100 Pounds of Seed)
Brassica (Cole) Leafy Vegetables	<i>Pythium</i> damping-off control	0.75 - 1.50
Canola	<i>Pythium</i> damping-off control	0.50 - 1.70 (31 - 100 ml per 100 Kg of seed)
Corn	<i>Pythium</i> damping-off control	0.75 - 1.50
	Systemic downy mildew control	3.00
Cucurbit Vegetables	<i>Pythium</i> damping-off control	0.75
Fruiting Vegetables	<i>Pythium</i> damping-off control	0.75 - 1.50
Leafy Vegetables	<i>Pythium</i> damping-off control	0.75 - 1.50
Millet	<i>Pythium</i> damping-off control	0.75 - 1.50
	Systemic downy mildew control	2.50
Onions	<i>Pythium</i> damping-off control	0.75 - 1.50
Peas	<i>Pythium</i> damping-off control and early season <i>Phytophthora</i> control	3.50
Root and Tuber Vegetables	<i>Pythium</i> damping-off control	0.75 - 1.50
	NOTE: Do not apply this product to potatoes.	
Sorghum	<i>Pythium</i> damping-off control	0.75 - 1.50
	Systemic downy mildew control	5.25
Sunflower	Systemic downy mildew control	9.00

Seed treated in accordance with the export use pattern must be labeled as follows:

**FOR EXPORT ONLY
NOT FOR DOMESTIC SALES OR USE**

DIRECTIONS FOR USE AT REDUCED RATES IN COMBINATION WITH OTHER FUNGICIDES

This product is a systemic fungicide seed dressing which may be applied in combination with other EPA-registered fungicides to aid in control of *Pythium*. This product may be applied as a water-based slurry through standard slurry of mist-type commercial seed treatment equipment.

CROP	DISEASE	RATE (Fluid Ounces per 100 Pounds of Seed)
Barley, Corn (field), Oats, Rye and Wheat	Aid in control of seed decay and damping-off caused by <i>Pythium</i>	0.10 - 0.375
Beans (field, kidney, navy and pinto), Lentils, Peas and Soybeans		
Peanuts*		
Rice*		
Sunflowers		

* Not registered for use in California

NOTE: Apply only in combination with EPA registered rates of broad-spectrum seed treatment fungicides.

