

35935-79

5/19/2014

1/8



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MAY 19 2014

Danielle A. Larochelle
Nufarm Limited
C/O Nufarm Americas Inc. (Agent for Nufarm Limited)
4020 Aerial Center Parkway, Suite 101
Morrisville, N.C. 27560

Subject: Metalaxyl Technical
EPA Reg. No. 35935-79
Notification dated 2/13/14
Decision Number 488228

Dear Ms. Larochelle:

The Agency is in receipt of your February 13, 2014 Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10.

The Agency acknowledges your request to make minor label revisions to the Net Contents/ Net Weight Section, the Storage & Disposal Box and the Warranty Statement.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call Summer Gardner-Jenkins at 703-308-9353.

Sincerely,

A handwritten signature in black ink, appearing to read "Hope Johnson".

Hope Johnson
Product Manager, Team 21
Fungicide Branch
Registration Division (7504P)

NOTIFICATION

2/8

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98



United States
Environmental Protection Agency
 Washington, DC 20460

- Registration
 Amendment
 Other:

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 35935-79	2. EPA Product Manager Hope Johnson	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Metalaxyl Technical	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Nufarm Limited C/O Nufarm Americas Inc., Agent for Nufarm Limited 4020 Aerial Center Parkway, Suite 101 Morrisville, NC 27560 <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 _____

Section - II

- | | |
|--|---|
| <input type="checkbox"/> Amendment - Explain below. | <input type="checkbox"/> Final printed label 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.)

Notification of Label Amendment per PR Notice 98-10:

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

CONTACT: Danielle Larochelle, Nufarm Americas Inc., 4020 Aerial Center Parkway, Suite 101, Morrisville, NC 27560. Tel: 919-379-2530. Email: danielle.larochelle@us.nufarm.com

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Unit Packaging wgt. No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Package wgt. No. per container	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify):
*Certification must be submitted			
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 55.1 LB (25 KG) 1102.3 LB (500 KG)	5. Location of Label Directions <input checked="" 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 checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Other _____ <input type="checkbox"/> Stenciled			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application)		
Name Danielle A. Larochelle	Title Registration Manager	Telephone No. (Include Area Code) (910) 379-2530
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 	3. Title Registration Manager	
4. Typed Name Danielle A. Larochelle	4. Date February 13, 2014	

4/8

METALAXYL TECHNICAL

FOR MANUFACTURING USE ONLY

NOTIFICATION

MAY 19 2014

ACTIVE INGREDIENT:

Metalaxyl: N-(2,6-dimethylphenyl)-N-(methoxyacetyl)-alanine methyl ester..... 97.0%

OTHER INGREDIENTS:..... 3.0%

TOTAL:..... 100.0%

**KEEP OUT OF REACH OF CHILDREN
WARNING**

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

EPA REG. NO. 35935-79
EPA EST. NO. _____

MANUFACTURED FOR
NUFARM LIMITED
4020 Aerial Center Parkway
Morrisville, NC 27560



[Product of _____]

NET WEIGHT: _____ LB (_____ KG)

5/8

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS**

WARNING

Causes substantial but temporary eye irritation. Harmful if swallowed or absorbed through the skin. Wear goggles or face shield. **DO NOT** get in eyes or on clothing. Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

FIRST AID	
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 eye. • Call a poison control center or doctor for treatment advice.
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 ON SKIN OR CLOTHING	<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.
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 mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
HOTLINE 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

DO NOT discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. **DO NOT** discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

This product is intended for the formulation of fungicide products. This product may be used to formulate products for specific use(s) not listed on the MP label if the formulator, user group, or grower has complied with the U.S. EPA data submission requirements regarding the support of such use(s).

FOR MANUFACTURING USE ONLY AS A FUNGICIDE FOR THE FOLLOWING USES:

- 1) Terrestrial Food Crops (including Home Gardens and Orchards) and Soil Treatment Uses:** Alfalfa, Birdfoot trefoil, Apples, Asparagus, Avocados, Berries: (Blueberries, Cranberries, Raspberries, Strawberries), Cassava, Citrus: (Citrus citron, Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangelos, Tangerines and all hybrids of these), Cole Crops: (Broccoli, Cabbage, Cauliflower, Chinese broccoli, Gai Ion, White flowering broccoli, Chinese cabbage (Napa, Bok choy), Cotton, Cucurbits: (Balsam pear, Chinese waxgourd, Citron melon, Cucumber, Gherkin, Edible gourds, Cantaloupe, Casaba, Crenshaw, Honeydew melon, Honey balls, Mango melon, Muskmelon, Persian melon, Pumpkin, Summer squash, Winter squash, Watermelon, and Cucurbits

hybrids), Ginseng, Hops, Leafy Vegetables: (Head Lettuce, Spinach), Legume Vegetables (Succulent or Dried): (Field beans, Lima beans, Mung beans, Navy beans, Pinto beans, Runner beans, Snap beans, Wax beans, Broad beans (Fava beans), Chickpeas (Garbanzo beans), Lentils, Lupines (Sweet, White sweet, White and Grain), Garden peas, Field peas, Sugar peas, Southern peas (Black-eyed peas, Crowder peas, Cowpeas, Catjang) and Edible soybeans, Onions: (Dry bulb, Green Onions, Spring onions or Scallions, Japanese bunching onions, Green shallots or Green eschalots, Leeks), Nut trees: (Almond and Walnuts), Papaya, Peanuts, Peppers and Eggplant, Pineapple, Root and Tuber Vegetables: (Jerusalem artichoke, Beet (Sugar and Table), Carrot, Cassava, Chicory, Ginger, Horseradish, Parsnip, Potato, Radish, Rutabaga, Salsify, Sweet potato, Tanier, Turnip, Yams), Soybeans, Stone Fruits: (Apricots, Cherries (Sweet and Sour), Nectarines, Peaches, Plums (Chickasaw, Damson, Japanese), Prunes), Tobacco, and Tomatoes.

2) Seed Treatment Uses:

Brassica (Cole) Leafy Vegetables: Broccoli (including Chinese and raab); Brussels sprouts; cabbage (including Chinese bok choy, Chinese napa, and Chinese mustard (gai choy)); cauliflower; cavalo broccolo; collards; kale; kohlrabi; mizuna; mustard greens; mustard spinach; rape greens;

Canola; Cotton;

Cucurbit Vegetables: Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber; edible gourd (includes hyotan, cucuzza, Chinese okra, hechima); gherkin; *Momordica* spp. (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); muskmelon (includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, snake melon); pumpkin; summer squash (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini); winter squash (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon (includes hybrids and/or varieties of *Citrullus lanatus*);

Dill;

Leafy Vegetables: Amaranth (leafy, Chinese spinach, tampala); cardoon; celery (including Chinese celery); celtuce; chervil; chrysanthemum (edible-leaved and garland); corn salad; cress (garden and upland); dandelion; dock (sorrel); endive (escarole); Florence fennel (finochio); lettuce (head and leaf); orach; parsley; purslane (garden and winter); radicchio (red chicory); rhubarb; spinach (including New Zealand and vine); Swiss chard;

Forage Legumes: Alfalfa, beans for forage, clover, lespedeza, cowpeas for forage, cowpea hay, peanuts for forage, peanut hay, peas for forage, pea vine hay, soybeans for forage, soybean hay, trefoil, vetch, and velvet beans for forage;

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;

Fruiting Vegetables: Eggplant; groundcherry; pepino; pepper (including bell pepper, chili pepper, cooking pepper, pimento, sweet pepper); tomatillo; tomato;

Grain Crops (Barley, Buckwheat, Corn (Field Corn, Sweet Corn; Popcorn), Millet, Milo, Oats, Rice, Rye, Sorghum, Triticale, and Wheat);

Legume Vegetables: Bean (*Lupinus* spp.) [includes grain lupin, sweet lupin, white lupin, white sweet lupin]; Bean (*Phaseolus* spp.) [includes field bean, kidney bean, lima bean (succulent or dry), navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean]; Bean (*Vigna* spp.) [includes adzuki bean, asparagus bean, blackeyed pea (succulent or dry), catjang, Chinese longbean, cowpea (succulent or dry), Crowder pea, moth bean (succulent or dry), mung bean, rice bean, southern pea (succulent or dry), urd bean, yardlong bean]; Broad bean (fava) (succulent or dry); Chickpea (garbanzo bean); Guar; Jackbean; Lablab bean (hyacinth); Lentil; Pea (*Pisum* spp.) [includes dwarf pea, edible-pod pea, English pea, field pea, garden pea, green pea, snow pea, sugar snap pea]; Pigeon pea (succulent or dry); Pole bean; Soybean; String bean; Sword bean;

Mustard seed; Okra; Onion (dry bulb and green); Peanut; Rapeseed;

Root and Tuber Vegetables (except potatoes): Arracacha; arrowroot; artichoke (Chinese and Jerusalem); beet (garden and sugar); burdock (edible); canna (edible); carrot; cassava (bitter and sweet); celeriac (celery root); chayote (root); chervil (turnip-rooted); chicory; chufa; dasheen (taro); ginger; ginseng; horseradish; leren; parsley (turnip-rooted); parsnip; radish; oriental radish (daikon); rutabaga; salsify (includes black and Spanish); skirret; sweet potato; taniel; turmeric; turnip; yam bean (jicama, manioc pea); yam;

Sunflower; Turf Grasses

- 3) **For Export Uses:** Cucurbit Vegetables, Fruiting Vegetables, Leafy Vegetables, Brassica (Cole) Leafy Vegetables, Root and Tuber Vegetables, Onions, Corn, Millet, Peas, Sorghum, and Sunflowers.
- 4) **Terrestrial Nonfood Uses:** Golf course turf, lawns and landscape areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields, uses on ornamentals grown in container, bench, flat, plug, bed or in the field, in greenhouses, shade houses, outdoor nurseries, retail nurseries, interiorscapes, and other landscape areas.
- 5) **Uses for which the US EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and**
- 6) **Uses for experimental purposes that are in compliance with US EPA requirements.**

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Always use original container to store pesticides in a cool, dry secured warehouse or storage building. **DO NOT** store near food and feed. Containers should be opened in well-ventilated areas. Keep container tightly sealed when not in use.

PESTICIDE DISPOSAL: Open dumping is prohibited. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

[For Plastic or Paper Bags:]

Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty bag into manufacturing equipment. Offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

[Plastic Containers with Capacities Equal to or Less than 50 lbs:]

Nonrefillable container: **DO NOT** reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into manufacturing equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into manufacturing 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.

[Plastic Containers with Capacities Greater than 50 lbs:]

Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into manufacturing 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

8/8

over onto its other end and tip it back and forth several times. Empty the rinsate into manufacturing equipment or a mix tank or store rinsate for later use or disposal. 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.

[Fiber Drums with Liners:]

Nonrefillable container. **DO NOT** reuse or refill this container. Completely empty liner by shaking and tapping both sides and bottom to loosen clinging particles. Empty residue into manufacturing equipment. Then offer fiber drum and liner for recycling, if available.

WARRANTY DISCLAIMER AND LIMITATION OF LIABILITY

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. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S OR USER'S EXCLUSIVE REMEDY, AND MANUFACTURER'S OR SELLER'S TOTAL LIABILITY SHALL BE FOR DAMAGES NOT EXCEEDING THE COST OF THE PRODUCT.

If you do not agree with or do not accept any of the directions for use, the warranty disclaimers, or limitations of liability, do not use the product, and return it unopened to the Seller, and the purchase price will be refunded.

(RV021314)

