

45246-1

1/25/2011

1092

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JAN 25 2011

Robert Morse, Jr.  
President  
Atlantic Laboratories, Inc.  
41 Cross St.  
Waldoboro, ME 04572

RE: Product Name: Nitrozyme Concentrate (Non Food Use Label)  
EPA Reg. No: 45246-1  
Label Amendment to bring the product label in compliance with current EPA regulations and to update label with current company information.  
Decision # 442269  
Application Dated September 23, 2010

Dear Mr. Morse:

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(5), is acceptable provided that you:

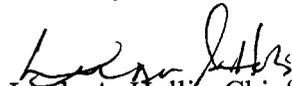
Submit and/or cite all data required for registration/reregistration of your product under FIFRA section 3(c) (5) when the Agency requires all registrants of similar products to submit such data.

Submit three (3) copies of your final printed labeling before you release the product for shipment. Final printed labeling means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels, such as those silk-screened directly onto glass or metal containers or large bags or drum labels.

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

If you have any questions contact Ms. Menyon Adams at 703-347-8496 or by email at: [adams.menyon@epa.gov](mailto:adams.menyon@epa.gov). A stamped copy of the label is enclosed for your records.

Sincerely,

  
Linda A. Hollis, Chief

CONCURRENCE  
Biological Pesticides Branch

SYMBOL	7511P	7511P					
SURNAME	Adams	COLF					
DATE	01/13/11	1/19/11					

### FIRST AID

**IF ON SKIN:** Take off contaminated clothing. Immediately rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**IF IN EYES:** 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. Have the product container or label with you when calling a poison control center, or doctor, or going for treatment.

**LINE NUMBER:** If over-exposure occurs, call your poison control center at 1-800-222-1222.

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before use. Wear the appropriate Personal Protective Equipment (PPE).

### PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: long-sleeved shirt and long pants, waterproof gloves and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

Users Should:  
• 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.  
• Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, to areas where surface water is present or to individual areas below the mean high water mark. Do not contaminate water by disposal of equipment washwaters.

### 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 your 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. The 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 12 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 plants, soil, or water, or coveralls, waterproof gloves and shoes plus socks.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried.

### STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool place and out of direct sunlight.  
**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinse into application equipment or a mix tank or store rinse for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available.

### WARRANTY STATEMENT

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee expressed or implied, is made as to the effects of such use or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

# Nitrozyme™

Concentrate

The plant growth regulator  
on nonfood crops

Active Ingredients:  
Cytokinin, as kinetin ..... 0.04%  
Other Ingredients ..... 99.96%  
TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN  
CAUTION

See additional precautionary statements on the left panel.

EPA EST. NO. 45246-ME-1  
ERA REG. NO. 45246-1

Mfg. By: **Atlantic Laboratories, Inc.**

41 Cross St., Waldoboro ME 04572

NET CONTENTS \_\_\_\_\_ GALLONS LOT NO. \_\_\_\_\_

### GENERAL USE INSTRUCTIONS

For best results, Nitrozyme should be applied before noon or after four p.m. A spreader/slicker (surfactant) should be used with the product. Store Nitrozyme in a cool place and out of direct sunlight. Any spigot or pump put into a Nitrozyme container should be cleaned with disinfectant (bleach and water, etc.) before using, unless the whole container is used at one time. Mix Nitrozyme with enough water to get thorough coverage of plant surfaces. Nitrozyme is compatible with most other spray materials.

### TRANSPLANT SOLUTION INSTRUCTIONS

As a root dip and watering solution for transplants use 2 pints Nitrozyme per acre or 1 part Nitrozyme to 1000 parts water (approximately 1 tablespoon Nitrozyme to 4 gallons water).

### STRESS RELIEF FOR TREES AND ORNAMENTAL PLANTS, TURFS, AND LAWNS

Spray 1 to 2 pints Nitrozyme per acre any time a plant is prematurely dying down (loss of color) due to stress caused by one of the following conditions: weather (frost, drought, excessive moisture), insect infestation, fungus attack and/or herbicide burn.

### EVERGREEN AND DECIDUOUS TREES

For evergreens such as spruce, fir and pine, and for the deciduous trees such as birch, elm and maple:  
1st application: Early spring (root initiation), spray 1 pint Nitrozyme per acre or 1 part Nitrozyme to 2000 parts water (approximately 1 tablespoon Nitrozyme to 8 gallons water) until all plant surfaces are wet.  
2nd application: At bud formation, spray 1 pint Nitrozyme per acre or 1 part Nitrozyme to 2000 parts water (approximately 1 tablespoon Nitrozyme to 8 gallons water) until all plant surfaces are wet.  
3rd application: Terminal calyx, spray 1 pint Nitrozyme per acre or 1 part Nitrozyme to 2000 parts water (approximately 1 tablespoon Nitrozyme to 8 gallons water) until all plant surfaces are wet.  
4th application: Early to mid-fall, spray 1 pint Nitrozyme per acre or 1 part Nitrozyme to 2000 parts water (approximately 1 tablespoon Nitrozyme to 8 gallons water) until all plant surfaces are wet.

### ORNAMENTAL PLANTS

For flowering plants such as geraniums, marigolds, and roses and for non-flowering plants such as ferns, ivies and jades:  
Nitrozyme to 2000 parts water (approximately 1 tablespoon Nitrozyme to 8 gallons water) until all plant surfaces are wetted. Flowering plants should have their initial spraying at pre-bloom stage.

### LAWN SEED TREATMENT FOR INCREASED GERMINATION AND ROOT GROWTH

Either use 1/2 pint Nitrozyme and enough water to treat 100 pounds of seed by soaking, or spray one acre of the seed bed with 1 quart Nitrozyme diluted with 250 gallons of water.

### LAWN SEED HYDROMULCHING FOR INCREASED GERMINATION AND ROOT GROWTH

Application: Use 1 pint Nitrozyme per acre mixed with seed, fertilizer, and mulch for blown application.

### TURFS AND LAWNS

Application: 0.2 to 1 ounce per 1000 square feet, per month throughout the growing season. First application should be made at initial stages of growth.

# ACCEPTED

JAN 25 2011

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for  
the pesticide registered under  
EPA Reg. No. 45246-1

2012