

P1122 45246-1

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Linda C. Watson
Pesticide Regulatory Services
Route One, Box 149-A
Highway 122/Banks Lake
Lakeland, GA 31635

Dear Ms. Watson:

Subject: Atlantic Laboratories, Inc.
Nirtozyme Concentrate
EPA Reg. No. 45246-1
Revised Labeling
Delete Use on Citrus & Reinstate Use on Oranges
Your Letter & Application Dated 6/14/94

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments stated below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

Under CROP USAGE-POTATOES, in the first line, correct the spelling of "putting" in the sentence beginning, "the time of application..."

Sincerely Yours,

(S)

Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

CONCURRENCES

SYMBOL	7505C							
SURNAME	C. LEWIS							
DATE	10/18/94							

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

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.

ENVIRONMENTAL HAZARDS

For terrestrial uses, 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 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 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 172. 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 interval. 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, is: coveralls, waterproof gloves and shoes plus socks.

STORAGE AND DISPOSAL

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

STORAGE: Store in original 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: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or purchase and dispose of for a secondary landfill, or incineration, or, if allowed by state and local authorities, by burning. If by burning, it must stay below smoke.

WARRANTY STATEMENT

Claims or representations for use of this product are based upon tests believed to be reliable. The use of this product is subject to the control of the manufacturer. No warranty is expressed or implied, is made, as to the effectiveness or the results to be obtained if not used in accordance with directions or instructions on the label. The buyer must assume all responsibility, including injury or damage, resulting from use of this product in conjunction with other materials.

ACCEPTED
with COMMENT
by EPA Letter Dated

NOV 1 1994

Mitrozyme

Concentrate

The plant growth regulator
for increased quality
and marketable yields.

Active Ingredient:

Cytokinin, as kinetin, based on biological activity 10.04%

Inert Ingredients 89.96%

TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements on left panel

EPA EST. NO. 45246-ME-1

EPA REG. NO. 45246-1

Mfg. By: **Atlantic Laboratories**

Route 32, Walden, Maine 04572

NET CONTENTS 1 GALLONS CONTROL NO.

RENTAL COPY

GENERAL USE INSTRUCTIONS

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

CROP USAGE—ALL CROPS LISTED FOR STRESS RELIEF

Use 1 pint Nitrozyme per acre anytime a crop is prematurely dying down (loss of color) due to stress caused by one or more of the following conditions: weather (frost, drought, excessive moisture), insect infestation, fungus attack, and/or herbicide burn.

CROP USAGE—ALL CROPS LISTED FOR TRANSPLANTING AND SEED BED TREATMENT

Use 2 pints Nitrozyme per acre or 1 part Nitrozyme to 1000 parts water (approximately 1 tablespoon Nitrozyme to 1 gallon water) as a root dip and watering solution when transplanting.

Use 2 pints Nitrozyme per acre applied to the seed bed at time of seeding or up to 20 days thereafter.

CROP USAGE—APPLE—1 pint/acre each application

1st application: At full pink.
2nd application: At calyx (petal fall).
3rd application: 3 weeks after 2nd spraying.
4th application: 4 weeks after 3rd spraying.

CROP USAGE—CARROTS—1 pint/acre each application

1st application: At tuber initiation.
2nd application: 2 to 3 weeks after 1st spraying.

CROP USAGE—CELERY

1st application: Use 2 pints Nitrozyme per acre applied to the seed bed at time of seeding or up to 20 days thereafter.
2nd application: Use 2 pints Nitrozyme per acre at the time seedlings are transplanted; see Transplanting Instructions above.
3rd application: Use 1 pint Nitrozyme per acre 2 to 3 weeks after transplanting.

CROP USAGE—CORN—1 pint/acre each application

1st application: At the 1 to 1½ foot stage.
2nd application: At tassel time.

CROP USAGE - COTTON

Pinhead square: Apply 2 to 4 ounces weekly for 4 weeks beginning at pinhead square. First bloom: Apply 1/2 pint at first white flower and again two weeks later. Stripper cotton: Apply single application of 1/2 pint/acre during first two weeks of bloom.

CROP USAGE—GRAPES—1 pint/acre each application

1st application: Between leafout and prebloom.
2nd application: At petal fall.
3rd application: After harvest.

CROP USAGE—ORANGES—1 pint/acre each application

1st application: At prebloom.
2nd application: At calyx (petal fall).
3rd application: 3 weeks after 2nd spraying.
4th application: 4 weeks after 3rd spraying.

CROP USAGE—PEACHES—1 pint/acre each application

1st application: At prebloom.
2nd application: At calyx (petal fall).
3rd application: 3 weeks after 2nd spraying.
4th application: 4 weeks after 3rd spraying.

CROP USAGE—PEANUTS—1 pint/acre each application

1st application: At pegging.
2nd application: 2 to 3 weeks after 1st spraying.

CROP USAGE—PEPPERS—1 pint/acre each application

1st application: Just prior to first bloom.
2nd application: 10 days after 1st spraying.
3rd application: 10 days after 2nd spraying.
4th application: 10 days after 3rd spraying.

CROP USAGE—POTATOES—1 pint/acre each application

1st application: At tuber set. The time of application is determined by pulling an average size plant in the field 4 weeks (and every 7 days thereafter if necessary) after planting.
2nd application: At full blossom. Russet Burbanks, which do not show full blossom, should be sprayed 2 to 3 weeks after 1st spraying of Nitrozyme.

CROP USAGE—SOYBEANS—1 pint/acre each application

Application: At first bud formation.

CROP USAGE—STRAWBERRIES

1st application: Use 2 pints Nitrozyme per acre as a transplant solution; see Transplanting Instructions above.
2nd application: Use 1 pint Nitrozyme per acre at prebloom.
3rd application: Use 1 pint Nitrozyme per acre at petal fall.
4th application: Use 1 pint Nitrozyme per acre at after harvest.

CROP USAGE—SUGAR BEETS—1 pint/acre each application

1st application: At tuber initiation.
2nd application: 2 to 3 weeks after 1st spraying.

CROP USAGE—TOMATOES

1st application: Use 2 pints Nitrozyme per acre applied to the seed bed at time of seeding or up to 20 days thereafter.
2nd application: Use 2 pints Nitrozyme per acre at the time seedlings are transplanted; see Transplanting Instructions above.
3rd application: Use 1 pint Nitrozyme per acre 2 to 3 weeks after 1st bloom.

CROP USAGE—WHEAT—1 pint/acre each application

Application: 1 to 2 weeks before boot stage.