

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

7969-125

7/3/2000

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JUL 3 - 2000

Mr. T.R. Nelson, Ph.D.
BASF Corporation
20 Davis Drive
P.O. Box 13528
Research Triangle Park, NC 27709

Subject: Supplemental Labeling to add Regional Uses for Cranberries in the states of
Massachusetts, New Jersey, Rhode Island, Maine, New York, Connecticut, New
Hampshire, Vermont, and Delaware
PYRAMITE Miticide/Insecticide
EPA Reg. No. 7969-125

The supplemental labeling referred to above to add regional uses, submitted in connection with registration under the Federal Fungicide, Insecticide and Rodenticide Act, as amended, is acceptable subject to the comments listed below.

1) This labeling is purely supplemental and should be accompanied by the full EPA section 3 labeling where it is subject to all directions, restrictions, and precautions contained therein.

2) The statements under "Restrictions and Limitations" which read -- "Do not apply Pyramite when weather conditions favor drift to surface water. Do not apply when water sources are within 50 feet of dike systems. Do not apply when windspeed is above 8 mph. Do not apply during a temperature inversion" -- should be replaced with the following language:

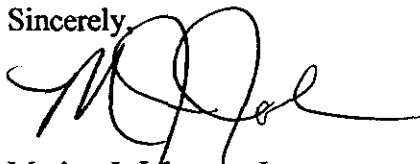
"Do not apply Pyramite when weather conditions favor drift to aquatic areas. Do not apply when gusts or sustained winds exceed 10 miles per hour. Do not apply when water sources are within 75 feet of dike systems. Do not apply during a temperature inversion. Mist or fog may indicate the presence of an inversion in humid areas."

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

This modification will ensure that the supplemental labeling, as is currently written, is consistent with the terms of the registration for EPA Reg. No. 7969-125. If you have questions, please contact me at (703) 305-6788.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. Johnson', with a stylized flourish extending to the right.

Marion J. Johnson, Jr.
Product Manager
Insecticide Branch
Registration Division (7505C)

Pyramite™

miticide/insecticide

For Use on Cranberry

EPA Reg. No 7969-125

All applicable directions, restrictions, precautions and **Conditions of Sale and Warranty** on the EPA-registered label are to be followed.

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. This label must be in the possession of the user at the time of application.

General Information

This package contains **Pyramite™ miticide/insecticide**, a 60% wettable powder, in water-soluble bags.

Pyramite is a selective contact miticide/insecticide that controls southern red mite in cranberries when used at the recommended rates. Complete spray coverage of both upper and lower leaf surfaces is essential for optimal performance.

Pyramite provides knockdown and residual control. A good performance evaluation can be made 4-7 days after treatment.

Application Instructions

For optimum results, **Pyramite** should be applied when pest populations are beginning to build. Applications should be made either early season mid-May to mid-June or after fruit set, mid-July through August. Do not apply **Pyramite** when bees are actively foraging. The pre-harvest interval of 21 days must be observed.

Pyramite may be applied by chemigation or by ground equipment. Sufficient water volume is necessary to obtain complete coverage of the spray target. Apply 4.4-8.8 ounces of **Pyramite** in no less than 100 gallons and no more than 600 gallons of water per acre. If using chemigation, use an injection system protected by backflow equipment.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

JUL 3 2000

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

7969-125

Chemigation:

Apply this product only through solid set or hand move sprinkler systems. Do not apply this product through any other type of irrigation system. Lack of effectiveness can result from non-uniform distribution of treated water. Use only in sprinklers that apply uniformly and have appropriate check valves. When application of pesticide is complete, thoroughly flush the injection system and sprinkler lines with a minimum volume of water for complete rinse-out. The system must contain a functional check valve or appropriate gooseneck pipe loop, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a Venturi injector on the discharge side of the pump, or a metering pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. Do not connect an irrigation system (including greenhouse systems) used for pesticide application, to a public water system unless the pesticide label prescribed safety devices for public water systems are in place.

Chemigation Systems Connected to Public Water Systems:

Public water system means a system for the provision of piped water, to the public, for human consumption if such a system has at least 15 service connections or regularly serves an average of at least 25 individuals daily, at least 60 days of the year.

Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone (RPZ) backflow preventer or the functional equivalent, in the water supply line upstream from the point of pesticide introduction. An additional option to the RPZ, the water from the public water system can be discharged into a reservoir tank prior to pesticide introduction. There should be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank, of at least twice the inside diameter of the fill pipe.

Restrictions and Limitations

- **Maximal seasonal use rate:** Do not apply more than a total of 26.6 ounces of **Pyramite-miticide/insecticide** (1.0 lb a.i.) per acre per season.
- Do not make more than 2 applications of **Pyramite** per year.
- Allow a minimum of **30 days** between sequential applications of **Pyramite**.
- **Preharvest interval (PHI):** Do not apply within 21 days of harvest.
- **Restricted Entry Interval (REI): 12 hours.**
- Do not use less than 100 gallons and no more than 600 gallons of water volume per acre.
- Do not apply **Pyramite** by air.
- Do not apply **Pyramite** when bees are actively foraging.
- **Drift:** Do not apply **Pyramite** when weather conditions favor drift to surface water. Do not

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apply when water sources are within 50 feet of dike systems. Do not apply when windspeed is above 8 mph. Do not apply during a temperature inversion.

- Do not apply directly to water, or within 5 feet of any water moving off or through the cranberry bog.
- Do not use on flowthrough bogs or any bog where ditchwater cannot be held for 72 hours.
- Drop ditch water prior to application. Hold ditch water 3 days after **Pyramite** application.
- Do not apply within 5 hours of rainfall or irrigation
- Do not enter or allow worker entry into treated areas during the restricted entry interval (12 hours). Applicant must wear personal protective clothing consisting of long-sleeved shirt and long pants, waterproof gloves and shoes, plus socks. Protective eyewear and dust/mist respirator (MSHA/NIOSH Approval #TC-21C) are also required.

Water-soluble bags

Do not remove the water-soluble bags from the overwrap package except to add them directly to the spray tank.

Do not allow the water-soluble bags to become wet before adding them to the spray tank. Do not handle the water-soluble bags with wet gloves.

Do not break the water-soluble bags.

U.S. Patent Number 4,877,787

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Table 1. Pest Controlled and Application Rate of Pyramite

Mite Controlled	100-200 gallon water per acre	200-400 gallon water per acre	400-600 gallon water per acre*
Southern Red Mite <i>Oligonychus ilicis</i>	4.4 ounces/acre (1 bag/acre)	6.6 ounces/acre (1 1/2 bags/acre)	8.8 ounces/acre (2 bags/acre)

*Do not exceed a spray volume of 600 gallons per acre.

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