



PM10

7969-125

5-13-97

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	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number: 7969-125	Date of Issuance: MAY 13 1997
		Term of Issuance: Conditional	
		Name of Pesticide Product: Pyramite	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration			
(under FIFRA, as amended)			
Name and Address of Registrant (include ZIP Code): BASF Corporation Agricultural Products P.O. Box 13528 Research Triangle Park, NC 27709			
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/reregistered 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 sec. 3(c)(7)(A) and (B) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Therefore, in accordance with Section 3(c)(7)(A) and (B), the conditional registration of the subject product is issued for a period not to exceed May 31, 2001 to be consistent with the terms and conditions of the tolerances established on apples, pears, and almonds 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. Understand that this registration will expire on May 31, 2001, and that it is EPA's intent to, by May 31, 1997 or sooner, complete its review of all relevant data and information subject to the submission of the data requirements listed below.			
a. Submission of a revised analytical enforcement Method D9312 (for apples, almonds).			
b. Submission of a revised analytical enforcement Method D9405 (for animal matrices).			
Signature of Approving Official:  PM10		Date: MAY 13, 1997	

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- c. Submission of magnitude of the residue data for apples.
- d. Submission of storage stability data for apples and almonds.
- e. Submission of additional amounts of analytical reference grade pyridaben metabolites (PB-7, PB-7 methyl, and PB-9) with and MSDS to the EPA Standards Repository in RTP.

3. BASF Corporation will submit production information (pounds or gallons produced) for this product for the fiscal year in which the use on citrus is conditionally registration in accordance with FIFRA Section 29. The fiscal year begins October 1, and ends September 30. The information is to be submitted to:

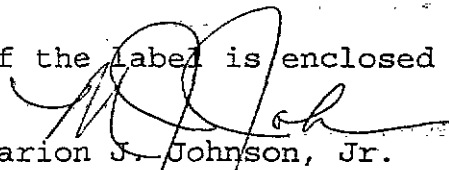
Registration Support Branch
Registration Division (7505W)
Environmental Protection Agency
401 M Street, SW
Washington, DC 20460

4. Add the phrase "EPA Registration No. 7969-125" to your label before you release your product for shipment.

5. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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.


Marion J. Johnson, Jr.
Product Manager (10)
Insecticide Branch
Registration Division (7505C)

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

7969-125

BASF Corporation
P.O. Box 13628, Research Triangle Park, NC 27709

I. Precautionary Statements

Hazards to Humans and Domestic Animals

DANGER: Corrosive, causes irreversible eye damage. Do not get in eyes or on clothing. Wear goggles, face shield, or safety glasses. May be fatal if inhaled. Do not breathe dust or spray mist. Wear a mask or pesticide respirator jointly approved by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health. Remove contaminated clothing and wash before re-use. Harmful if swallowed or absorbed through skin. Avoid contact with skin. Wash thoroughly with soap and water after handling.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- Protective eyewear
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not re-use them. Follow the manufacturer's instructions for cleaning and maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statement

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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 the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Keep out of lakes, ponds, or streams. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. Do not apply when weather conditions favor drift from target area. Drift or runoff from treated areas may be hazardous to fish in adjacent sites. This product is highly toxic to bees. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area. Application early in the morning or at dusk is suggested.

II. 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.

All applicable directions, restrictions, precautions and **Conditions of Sale and Warranty** are to be followed. This labeling must be in the user's possession during application.

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 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
- Shoes plus socks
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

Storage and Disposal

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

Pesticide Storage: Store in a cool, dry place.

Pesticide Disposal: Pesticide wastes are acutely hazardous. Wastes resulting from this product may be disposed of on site or at an approved waste disposal facility. Improper disposal of excess pesticide, spray mix, or rinsate is a violation of federal law. If these wastes cannot be disposed of according to label instructions, contact the state agency responsible for pesticide regulation or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal:

• Water-soluble packaging:

This package contains water-soluble bags inside a foil liner (overwrap). The water-soluble bags dissolve in water and the contents will disperse. If all the water-soluble bags are not used, carefully reseal the overwrap. Each overwrap contains five water-soluble bags. Do not remove the water-soluble bags from the overwrap except for immediate use. If exposed to moisture, the water-soluble bags may break.

The outer case and inner overwrap packaging of the water-soluble bag should be incinerated or disposed of in a sanitary landfill, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not re-use the empty packaging.

In Case of Emergency

In case of large-scale spillage regarding this product, call:

CHEMTREC 800-424-9300
BASF Corporation 800-832-HELP

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment.
- Your local poison control center (hospital).
- BASF Corporation (800-832-HELP)

Steps to be taken in case material is released or spilled:

Dike and contain the spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal. Remove contaminated clothing, and wash affected skin areas with water. Wash clothing before re-use. Keep the spill out of all sewers and open bodies of water.

III. 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 pests in apple orchards when used at recommended rates. (Refer to **Table 1. Pyramite Application Rate Table.**)

Pyramite provides knockdown and residual control.

A good performance evaluation can be made 4-7 days after treatment. For optimum results, **Pyramite** should be applied at recommended treatment thresholds when pest populations are beginning to build.

Mite Resistance Management

Pyramite use should be alternated with other miticides as part of a mite management program to minimize resistance. Repeated use of the same miticide has been documented to result in the buildup of resistant strains of mites. To reduce the potential of obtaining a population of acaricide-resistant mites, the grower should alternate products of differing modes of action.

Consult with your local or state extension personnel for advice on miticide use and selection.

Cleaning Spray Equipment

Spray equipment must be cleaned thoroughly before and after applying this product, particularly if a product with the potential to injure crops was used.

IV. Application Instructions

Pyramite may be applied by ground equipment using either diluted or concentrated sprays. Apply recommended rates of **Pyramite** as instructed by section IX, **Crop-Specific Information**. Spray the last 3 rows windward of surface water using nozzles on only one side with the spray directed away from surface water. Avoid spraying over the tops of trees by adjusting or turning off the top nozzles. Shut the nozzles on the side away from the orchard off when spraying the outside row. Shut the nozzles off when turning at the ends of the rows and when passing tree gaps in rows.

Coverage

Apply **Pyramite** in sufficient water to ensure thorough coverage of foliage, bloom, and fruit. Thorough coverage is required for optimum control.

Ground Application (Broadcast)

Water Volume: Use 100-400 gallons of spray solution per broadcast acre for optimal performance.

V. Additives

No additives or adjuvants are necessary for effective use of **Pyramite**. Consult a BASF representative or local agricultural authorities for more information concerning additives.

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VIII. General Restrictions and Limitations - All Crops

- **Maximum seasonal use rate:** Do not apply more than a total of 26.4 ounces of **Pyramite™** miticide/insecticide (1.0 pound a.i.) per acre, per season.
- Allow a minimum of 30 days between sequential applications of **Pyramite**.
- **Preharvest Interval (PHI):** Do not apply within 25 days of harvest.
- **Restricted Entry Interval (REI):** 12 hours.
- Do not apply **Pyramite** by air.
- Do not apply through any type of irrigation equipment.
- Do not apply **Pyramite** with a handgun sprayer.
- Do not use less than 100 gallons of water volume per acre.
- Do not make more than 2 applications of **Pyramite** per year.
- **Stress:** Do not apply to crops under stress such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures, as unsatisfactory control will probably result.
- **Drift:** Do not apply **Pyramite** when weather conditions favor drift to surface water. Do not apply within 110 feet upwind of surface water or when windspeed is above 8 mph. Do not apply during a temperature inversion.

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 hands or wet gloves.
- Do not break the water-soluble bags.

Table 2. Crop-Specific Restrictions and Limitations

Crop	Minimum Time from Application to Harvest (PHI)	Maximum Rate Per Acre Per Application	Maximum Rate Per Acre Per Season	Aircraft Application
Apples	25 days	13.2 ounces	26.4 ounces	No

IX. Crop-Specific Information

Apples

Apply 4.4-13.2 ounces of **Pyramite** in 100-400 gallons of water per acre.
Use the higher rate of **Pyramite** to ensure adequate concentration in full size trees with dense foliage.

Crops:

This product can be used on the following crops:

Apples

Look inside for complete **Restrictions and Limitations** and **Application Instructions**.

Pests listed in this label:

Common Name	Scientific Name
Apple Rust Mite	<u>Family:</u> <i>Eriophyidae</i> <i>Aculus schlechtendali</i>
European Red Mite	<u>Family:</u> <i>Tetranychidae</i> <i>Panonychus ulmi</i>
McDaniel Spider Mite	<i>Tetranychus mcDanieli</i>
Twospotted Spider Mite	<i>Tetranychus urticae</i>

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. All such risks shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

U.S. Patent Number: 4,877,787

Pyramite is a trademark of BASF AG.

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NVA 96-4-53-0001
EPA approved

BASF Corporation
P.O. Box 13528
Research Triangle Park, NC 27709

BASF

Agricultural Products

Supplemental Label

RT 4-25-07
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Pyramite™

miticide/insecticide

For use on almonds

EPA Reg. No 7969-125

ACCEPTED		ACCEPTED with COMMENTS	
for shipment and use of product for experimental purposes		in EPA Letter Dated MAY 13 1997	
the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act.		as amended, for the pesticide registered under EPA Reg. No.	
Permit No.		7969	-125
Issued on			

All applicable directions, restrictions, precautions and **Conditions of Sale and Warranty** on the EPA-registered label are to be followed. This labeling must be in the possession of the user at the time of application.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with approved labeling.

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 pests when used at recommended rates. (Refer to **Table 1. Pyramite Application Rate Table**.)

Pyramite provides knockdown and residual control. A good performance evaluation can be made 4-7 days after treatment. For optimum results, **Pyramite** should be applied at recommended thresholds when pest populations are beginning to build.

Pyramite may be applied by ground equipment using either diluted or concentrated sprays. Sufficient water volume is necessary to obtain complete coverage of the spray target.

Apply 4.4-13.2 ounces of **Pyramite** in 100-400 gallons of water per acre. Do not use less than 100 gallons of water volume per acre. Use the higher rate of **Pyramite** to ensure adequate concentration in full size trees with dense foliage. Boron will prevent the water-soluble bags from dissolving. If boron-containing products are to be used, the water-soluble bags containing **Pyramite** must be dissolved completely before the boron-containing product can be added to the spray tank. If boron-containing products have been used in previous applications, thoroughly wash the spray tank before using **Pyramite**. Always reseal the overwrap package to protect the remaining unused bags. Spray the last 3 rows windward of surface water using nozzles on only one side with the spray directed away from surface water. Avoid spraying over the tops of trees by adjusting or turning off the top nozzles. Shut the nozzles on the side away from the orchard off when spraying the outside row. Shut the nozzles off when turning at the ends of the rows and when passing tree gaps in rows.

Restrictions and Limitations

- **Maximum seasonal use rate:** Do not apply more than a total of **26.4 ounces** (1.0 pound a.i.) of **Pyramite** per acre, per season.
- **Maximum application use rate:** Do not apply more than a **13.2 ounces of Pyramite** per acre, per application. Do not apply less than a **4.4 ounces of Pyramite** 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 **7 days** of harvest.
- **Restricted Entry Interval (REI):** **12 hours**.
- Do not apply **Pyramite** by air.
- Do not apply through any type of irrigation equipment.
- Do not apply **Pyramite** with a handgun sprayer.
- Do not use less than 100 gallons of water volume per acre.
- Do not make more than 2 applications of **Pyramite** per year.
- **Stress:** Do not apply to crops under stress such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures, as unsatisfactory control will probably result.
- **Drift:** Do not apply **Pyramite** when weather conditions favor drift to surface water. Do not apply within 110 feet upwind of surface water or when windspeed is above 8 mph. Do not apply during a temperature inversion.

Table 1. Pyramite Application Rate Table

Mites Controlled	Concentrate (100-200 gpa) Rate per Acre	Dilute (200-400 gpa) Rate per 100 gal
European Red Mite	1-1.5 bags (4.4-6.6 ounces)	0.5 bag (2.2 ounces)
McDaniel Spider Mite Pacific Spider Mite Twospotted Spider Mite	1.5-3 bags (6.6-13.2 ounces)	0.75 bag (3.3 ounces)

Do not exceed 13.2 ounces of **Pyramite** per acre per application. Maximum concentrated rate per acre is based on 400 gallons per acre. Do not use less than 100 gallons spray volume per acre.

Agricultural Products

BASF

PyramiteTM

miticide/insecticide

For use on pears

EPA Reg. No 7969-125

ACCEPTED
with COMMENTS
in EPA Letter Dated
MAY 13 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under 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. This labeling must be in the possession of the user at the time of application.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with approved labeling.

General Information

This package contains **PyramiteTM miticide/insecticide**, a 80% wettable powder, in water-soluble bags. **Pyramite** is a selective contact miticide/insecticide that controls pests in pear orchards when used at recommended rates. (Refer to **Table 1. Pyramite Application Rate Table**.)

Pyramite provides knockdown and residual control. A good performance evaluation can be made 4-7 days after treatment. For optimum results, **Pyramite** should be applied at recommended thresholds when pest populations are beginning to build. **Pyramite** may be applied by ground equipment using either diluted or concentrated sprays. Sufficient water volume is necessary to obtain complete coverage of the spray target.

Apply 4.4-13.2 ounces of **Pyramite** in 100-400 gallons of water per acre. Use the higher rate of **Pyramite** to ensure adequate concentration in full size trees with dense foliage.

Boron will prevent the water-soluble bags from dissolving. If boron-containing products are to be used, the water-soluble bags containing **Pyramite** must be dissolved completely before the boron-containing product can be added to the spray tank. If boron-containing products have been used in previous applications, thoroughly wash the spray tank before using **Pyramite**. Always reseal the overwrap package to protect the remaining unused bags.

Spray the last 3 rows windward of surface water using nozzles on only one side with the spray directed away from surface water. Avoid spraying over the tops of trees by adjusting or turning off the top nozzles. Shut the nozzles on the side away from the orchard off when spraying the outside row. Shut the nozzles off when turning at the ends of the rows and when passing tree gaps in rows.

Restrictions and Limitations

- **Maximum seasonal use rate:** Do not apply more than a total of **26.4 ounces** (1.0 pound a.i.) of **Pyramite** per acre, per season.
- Allow a minimum of **30 days** between sequential applications of **Pyramite**.
- **Preharvest Interval (PHI):** Do not apply within **7 days** of harvest.
- **Restricted Entry Interval (REI):** **12 hours**.
- Do not apply **Pyramite** by air.
- Do not apply through any type of irrigation equipment.
- Do not apply **Pyramite** with a handgun sprayer.
- Do not use less than 100 gallons of water volume per acre.
- Do not make more than 2 applications of **Pyramite** per year.
- **Stress:** Do not apply to crops under stress such as stress due to lack of moisture, hail damage, flooding, herbicide injury, mechanical injury, or widely fluctuating temperatures, as unsatisfactory control will probably result.
- **Drift:** Do not apply **Pyramite** when weather conditions favor drift to surface water. Do not apply within 110 feet upwind of surface water or when windspeed is above 8 mph. Do not apply during a temperature inversion.

Table 1. Pyramite Application Rate Table

Pests Controlled	Concentrate (100-200 gpa) Rate per Acre	Dilute (200-400 gpa) Rate per 100 gallons
European Red Mite Pear Rust Mite	1-1.5 bags (4.4-6.6 ounces)	0.5 bag (2.2 oz.)
McDaniel Spider Mite Twospotted Spider Mite	1.5-3 bags (6.6-13.2 ounces)	0.75 bag (3.3 ounces)
Pear Psylla	1.5-3 bags (6.6-13.2 ounces)	0.75 bag (3.3 ounces)

Do not exceed 13.2 ounces of **Pyramite** per acre per application.

Maximum concentrated rate per acre is based on 400 gallons per acre.

Do not use less than 100 gallons spray volume per acre.

Do not break the water-soluble bags. Fractions are used for the purpose of conversion and accurate rate calculation.

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Pyramite is a trademark of BASF AG.

- 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 hands or wet gloves.
- Do not break the water-soluble bags.

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