

7969-105

9/11/2008

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

*Best
Available
Copy*

SEP 11 2008

Mr. Edward G. Jordan
Product Registration Manager
BASF Corporation
PO Box 13528
Research Triangle Park, NC 27709

RE: Submission of final printed label – The use of Polyram 80 DF on roses has been cancelled and the directions for use on roses have been deleted from the label as required in the metiram DCI
EPA Registration Number: 7969-105
Date of Submission: June 6, 2008

Dear Mr. Jordan:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated June 6, 2008, for the product Polyram 80 DF Fungicide. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, please call me directly at 703-305-6249 or Joyce Edwards of my staff at 703-308-5479.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs

Please read instructions on reverse before completing form.

Form Approved J. OMB No. 2070-0060



United States
Environmental Protection Agency
Washington, DC 20460

| | |
|-------------------------------------|--------------|
| <input type="checkbox"/> | Registration |
| <input type="checkbox"/> | Amendment |
| <input checked="" type="checkbox"/> | Other |

OPP Identifier Number

Application for Pesticide - Section I

| | | |
|--|--|--|
| 1. Company/Product Number BASF Corporation/EPA Reg. No. 7969-105 | 2. EPA Product Manager Mary L. Waller | 3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) BASF Corporation /Polyram 80 DF Fungicide | PM# 21 | |
| 5. Name and Address of Applicant (Include ZIP Code) BASF CORPORATION P.O. BOX 13528 RESEARCH TRIANGLE PARK, NC 277-09-3528 <input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(ii), my product is similar or identical in composition and labeling to: NOTIFICATION EPA Reg. No. _____ Product Name _____ | |

Section - II

| | |
|--|---|
| <input type="checkbox"/> Amendment - Explain below. | <input checked="" type="checkbox"/> Final printed labels in response to July 31, 2007 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.)

Submission of final printed labeling for Polyram 80 DF fungicide (EPA Reg. No. 7969-105). The use of Polyram 80 DF on roses has been cancelled and the directions for use on roses have been deleted from the label as required in the metiram DCI.

Section - III

| | | | | | |
|--|--|--|--------------------------------------|---|----------------------------------|
| 1. Material This Product Will Be Packaged In: | | | | 2. Type of Container | |
| Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No | Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | <input type="checkbox"/> Metal | <input type="checkbox"/> Plastic |
| * Certification must be submitted | If "Yes" Unit Packaging wgt. No. per container | If "Yes" Package wgt. No. per container | | <input checked="" type="checkbox"/> Glass | <input type="checkbox"/> Paper |
| 3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container | 4. Size(s) Retail Container 30 pounds | 5. Location of Label Directions <input type="checkbox"/> On Label <input checked="" type="checkbox"/> On Labeling accompanying product | | | |
| 6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled | | | <input type="checkbox"/> Other _____ | | |

Section - IV

| | | |
|---|--|---|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | |
| Name Edward G. Jordan | Title Product Registration Mgr. | Telephone No. (Include Area Code) (919) 547-2889 |
| 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 <i>Edward G. Jordan</i> | 3. Title Product Registration Manager | |
| 4. Typed Name Edward G. Jordan | 5. Date June 6, 2008 | |



The Chemical Company

June 6, 2008

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potamac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

**Subject: Notification – Polyram® 80 DF Fungicide
EPA Reg. No. 7969-105**

Dear Sir/Madam:

The use of Polyram® 80 DF fungicide on roses has been cancelled and the directions for use on roses have been deleted from the label as required in the metiram DCI. Enclosed are a completed EPA Form 8570-1 and two (2) copies of the final printed label for Polyram 80 DF.

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 under sections 12 and 14 of FIFRA.

Thank you for your attention to this matter. If you have any questions or need further information, please contact me directly at (919) 547-2889, or by e-mail at edward.jordan@basf.com.

Sincerely,
BASF Corporation

Edward G. Jordan
Product Registration Manager

encl



POLYRAM® 80 DF

FUNGICIDE

ACTIVE INGREDIENT:

A mixture of 5.2 parts by weight (83.9%) of ammoniates of [ethylenebis (dithiocarbamate)]-zinc with 1 part by weight (16.1%) ethylenebis (dithiocarbamic acid) bimolecular and trimolecular cyclic anhydrothioides and diaulfides 80.0%
 INERT INGREDIENTS: 20.0%

Zinc expressed as metallic - 14.0 %
 TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes moderate eye irritation.

FIRST AID

| | |
|-------------------------------|--|
| 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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice. |
| 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 first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. |

HOT LINE 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 Loveland Products Inc. for emergency medical treatment information: 1-800-301-7976.

Storage and Disposal

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

Pesticide Storage: Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or drink containers.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Completely empty bag into application equipment. Then 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.

In Case of Emergency

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

- CHEMTREC 800-424-9300
 - Loveland Products Inc. 800-301-7976
- In case of medical emergency regarding this product, call:
- Your local doctor for immediate treatment.
 - Your local poison control center (hospital)
 - Loveland Products Inc. (800-301-7976).

See attached booklet for complete First Aid, Precautionary Statements, Directions for Use, and Conditions of Sale and Warranty.

EPA REG. NO. 7969-105-34704
AD 092203

EPA EST. NO. 7969-DEU-001

NET WEIGHT: 30 POUNDS (13.60 KG)

Made in Germany

Formulated for:



Polyram is a registered trademark of BASF AG

81023433US001486

POLYRAM® 80 DF FUNGICIDE

ACTIVE INGREDIENT:
 A mixture of 5.2 parts by weight (83.9%) of ammoniates of [ethylenebis (dithiocarbamate)]-zinc with 1 part by weight (16.1%) ethylenebis (dithiocarbamic acid) bimolecular and trimolecular cyclic anhydrothioides and diaulfides 80.0%
INERT INGREDIENTS: 20.0%
 Zinc expressed as metallic - 14.0 %
 TOTAL 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)
 See inside booklet for complete First Aid, Precautionary Statements, Directions For Use, and Conditions of Sale and Warranty.

EPA REG. NO. 7969-105-34704
EPA EST. NO. 7969-DEU-001
AD 092203

Formulated for:



Net Weight: 30 pounds
Made in Germany
P.O. Box 1286
Greeley, CO 80632-1286
81023433US001486

If In eyes

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

HOT LINE 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 Loveland Products Inc. for emergency medical treatment information: 1-800-301-7976.

Storage and Disposal

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

Pesticide Storage: Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, follow label instructions. Do not put concentrate or dilute material into food or feed.

Pesticide Disposal: Pesticide wastes are toxic. In mixture, or rinsate is a violation of federal law. If the label instructions do not specify, contact your State or the Hazardous Waste representative at the nearest EPA office.

Container Disposal: Completely empty bag or bag in a sanitary landfill or by incineration or if otherwise burned, stay out of smoke.

In Case of Emergency

In case of large-scale spillage regarding this product:
CHEMTREC 800-424-9300
Loveland Products Inc. 800-301-7976

- In case of medical emergency regarding this product:
- Your local doctor for immediate treatment.
 - Your local poison control center (hospital).
 - Loveland Products Inc. (800-301-7976).

See attached label for
**First Aid, Precautionary Statements
and Conditions of Sale**

EPA REG. NO. 7969-105-34704
AD 092203

NET WEIGHT: 30 PO

Made in Great Britain

Formulated



Loveland

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Causes moderate eye irritation. See next page for additional precautionary statements.

| FIRST AID | |
|-------------------------------|--|
| 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 by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice. |
| 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 first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. |

HOT LINE 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 Loveland Products Inc. for emergency medical treatment information: 1-800-301-7976.

Personal Protective Equipment (PPE)

Applicators and other handlers (other than mixers and loaders) must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks.

Mixers and loaders must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear
- Chemical-resistant apron when cleaning equipment, mixing, or loading.

Wash thoroughly with soap and water after handling. 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 no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. During aerial application, human flaggers must be in enclosed cabs.

Engineering Controls Statement

When handlers use closed systems, enclosed cabs, or aircraft 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 product is toxic to fish. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the

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If in eyes

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

HOT LINE 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 Loveland Products Inc. for emergency medical treatment information: 1-800-301-7976.

Storage and Disposal

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

Pesticide Storage: Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: Completely empty bag into application equipment. Then 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.

In Case of Emergency

In case of large-scale spillage regarding this product, call:
CHEMTREC 800-424-9300
Loveland Products Inc. 800-301-7976

- In case of medical emergency regarding this product:
- Your local doctor for immediate treatment.
 - Your local poison control center (hospital)
 - Loveland Products Inc. (800-301-7976).

See attached label for
**First Aid, Precautionary Statements
and Conditions of Sale**

EPA REG. NO. 7969-105-34704
AD 092203

NET WEIGHT: 30 PO

Made in USA

Formulated



mean high water mark. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on the label. Do not allow this material to drift onto neighboring crops or non-crop areas or use in a manner or at a time other than in accordance with label directions because animal, plant or crop injury, illegal residues or other undesirable results may occur.

Endangered Species Concerns

The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of federal law.

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 24 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 over long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Storage and Disposal

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

Pesticide Storage

Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or drink containers.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal

Completely empty bag into application equipment. Then 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.

In Case of Emergency

In case of large-scale spillage regarding this product, call:
CHEMTREC 800-424-9300
Loveland Products Inc. 800-301-7976

- In case of medical emergency regarding this product, call:
- Your local doctor for immediate treatment.
 - Your local poison control center (hospital)
 - Loveland Products Inc. (800-301-7976).

General Information

Polyram® 80 DF fungicide is effective for controlling apple scab, apple rusts, early blight and late blight in potatoes. It is recommended that **Polyram 80 DF** be used in an integrated Pest Management Program.

Crop Tolerance

All listed crops are tolerant to **Polyram 80 DF** at all stages of growth.

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If in eyes

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

HOT LINE 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 Loveland Products Inc. for emergency me treatment information: 1-800-301-7976.

Storage and Disposal

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

Pesticide Storage: Store in original containers only. Store in a cool, drv. place and avoid excess heat. Carefully open containers. After partial use, close tightly. Do not put concentrate or dilute material into food or

Pesticide Disposal: Pesticide wastes are toxic. In mixture, or rinsate is a violation of federal law. If the according to label instructions, contact your State Pesticide the Hazardous Waste representative at the nearest E

Container Disposal: Completely empty bag and bag in a sanitary landfill or by incineration or if active burned, stay out of smoke.

In Case of Emergency
In case of large-scale spillage regarding this product, CHEMTREC 800-424-9300 Loveland Products Inc. 800-301-7976
In case of medical emergency regarding this product:
• Your local doctor for immediate treatment.
• Your local poison control center (hospital)
• Loveland Products Inc. (800-301-7976).

See attached for First Aid, Precautionary Statements and Conditions of Sale

EPA REG. NO. 7969-105-34704
AD 092203

NET WEIGHT: 30 PO

Made in Germany

Formulated



Loveland

Coverage

Polyram® 80 DF fungicide is a contact fungicide, therefore, thorough coverage of plant parts to be protected is essential for effective disease control.

Cleaning Spray Equipment

Clean application equipment thoroughly using a strong detergent or commercial sprayer cleaner according to the manufacturer's directions before and after applying this product.

II. Application Instructions

Polyram 80 DF should be used at the rates listed in section VII. **Crop-Specific Information.**

Ground Application (Broadcast)

Water Volume: Use a minimum of 20 gallons per acre for apples. Use a minimum of 15 gallons per acre for potatoes.

Aerial Application

Water Volume: Use a minimum of 10 gallons per acre for apples. Use a minimum of 5 gallons per acre for potatoes.

Foliar Applications

- Where EBDC products used allow the same maximum poundage of active ingredient per acre per season: If more than one product containing an EBDC active ingredient (maneb, mancozeb, or metiram) is used on a crop during the same growing season and the EBDC products used allow the same maximum poundage of active ingredient per acre per season, then the total poundage of all such EBDC products used must not exceed any of the specified individual product maximum seasonal poundage of EBDC active ingredient allowed per acre.
- Where EBDC products used allow the different maximum poundage of active ingredient per acre per season: If more than one product containing an EBDC active ingredient is used on a crop during the same growing season and the EBDC products used allow different maximum poundage of active ingredient per acre per season, then the total poundage of all

such EBDC products used must not exceed the lowest specified individual EBDC product maximum seasonal poundage of active ingredient allowed per acre.

Seed Treatment

In addition to the maximum number of foliar applications permitted by the formula stated above, a single seed treatment application may be made on potatoes.

III. Additives

To achieve consistent control, spray oils may be needed. For additional information, see **Compatibility Test for Mix Components.**

Compatibility Test for Mix Components

Add components in the following sequence using 2 teaspoons for each pound or 1 teaspoon for each pint of recommended label rate per acre.

- 1) **Water.** For 20 gallons per acre spray volume, use 3.3 cups (800 ml) of water. For other spray volumes, adjust rates accordingly. Use only water from the intended source at the source temperature.
- 2) **Products in PVA bags.**
- 3) **Water-dispersible fungicide,** wettable powders, suspension concentrates, or suspo-emulsions). Cap the jar and invert 10 cycles.
- 4) **Water-soluble products** Cap the jar and invert 10 cycles.
- 5) **Emulsifiable concentrates** Cap the jar and invert 10 cycles.
- 6) **Water-soluble additives** Cap the jar and invert 10 cycles. Let the solution stand for 15 minutes.
- 7) **Evaluate** the solution for uniformity and stability. The spray solution should not have free oil on the surface, nor fine particles that precipitate to the bottom, nor thick (clabbered) texture. Do not use any spray solution that could clog spray nozzles.

IV. Mixing Order

- 1) **Water:** Begin by agitating a thoroughly clean sprayer tank three-quarters full of clean water.
- 2) **Agitation:** Maintain constant agitation throughout mixing and application.

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If in eyes

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

HOT LINE 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 Loveland Products Inc. for emergency treatment information: 1-800-301-7976.

Storage and Disposal

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

Pesticide Storage: Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, do not put concentrate or dilute material into

Pesticide Disposal: Pesticide waste, empty container, or rinsate is a violation of federal law. According to label instructions, contact your local health department or the Hazardous Waste representative at the

Container Disposal: Completely empty bag in a sanitary landfill or by incineration or burning, stay out of smoke.

In Case of Emergency

In case of large-scale spillage regarding this product, call CHEMTREC 800-424-9393 or Loveland Products Inc. 800-301-7976.

- In case of medical emergency regarding this product, call your local doctor for immediate treatment.
- Your local poison control center (hospital).
- Loveland Products Inc. (800-301-7976).

See also the First Aid, Precautions, and Conditions section of the label.

EPA REG. NO. 7969-105-34704
AD 092203

NET WEIGHT: 30

- 3) **Products in PVA bags:** Place any product contained in water-soluble PVA bags into the mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.
- 4) **Water-dispersible products** (such as **Polyram® 80 DF fungicide**, wettable powders, suspension concentrates, or suspo-emulsions).
- 5) **Water-soluble products.**
- 6) **Emulsifiable concentrates:** If an inductor is used, rinse it thoroughly after the component has been added.
- 7) **Water-soluble additives:** If an inductor is used, rinse it thoroughly after the component has been added.
- 8) **Remaining quantity water:** Maintain constant agitation during application. For more information, refer to section V. **General Tank Mixing Information.**

V. General Tank Mixing Information

See section VII. **Crop-Specific Information** for more details. Read and follow the applicable Restrictions and Limitations and Directions For Use on all products involved in tank mixing. The most restrictive labeling applies to tank mixes.

Tank Mix Partners/Components

Refer to Section VII. **Crop-Specific Information** for more details regarding tank mixes with **Polyram 80 DF**. The manufacturer does not recommend using tank mixes other than those listed on the manufacturer's labeling.

Physical incompatibility, reduced disease control, or crop injury may result from mixing **Polyram 80 DF** with other pesticides (fungicides, herbicides, insecticides, or miticides), additives, or fertilizers. Local agricultural authorities may be a source of information when using other than the manufacturer recommended tank mixes.

VI. General Restrictions and Limitations - All Crops

- **Maximum seasonal use rate:** See Table 1. **Crop Specific Restrictions and Limitations** and section VII. **Crop-Specific Information.**
- **Preharvest Interval (PHI):** See Table 1.
- **Restricted Entry Interval (REI):** 24 hours.

Table 1. 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 | Livestock Grazing or Feeding | Aircraft Application |
|----------|--|---------------------------------------|----------------------------------|------------------------------|----------------------|
| Apples | 77 days ¹ | 3-6 pounds ² | 21-24 pounds ² | No | Yes |
| Potatoes | 14 days ² | 2 pounds | 14 pounds | No | Yes |

¹ For extended applications and tank mixes.
² See section VII. **Crop-Specific Information.**

LOVELAND
PRODUCTS INC.

P.O. Box 1286
Creighton, CO 80632-1286

Polyram is a registered trademark of BASF AG

81023433US001486

01/8

If in eyes

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

HOT LINE 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 Loveland Products Inc. for emergency medical treatment information: 1-800-301-7976.

Storage and Disposal

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

Pesticide Storage: Store in original containers on heat. Carefully open containers. After partial Do not put concentrate or dilute material into

Pesticide Disposal: Pesticide waste mixture, or rinsate is a violation of federal law. According to label instructions, contact your local health department or the Hazardous Waste representative at the

Container Disposal: Completely empty bag in a sanitary landfill or by incineration or burned, stay out of smoke.

In Case of Emergency

In case of large-scale spillage regarding this product, call CHEMTREC 800-421-9321 or Loveland Products Inc. 800-301-7976

- In case of medical emergency regarding this product, call:
- Your local doctor for immediate treatment
 - Your local poison control center (hospital)
 - Loveland Products Inc. (800-301-7976)

See also the First Aid, Precautions, and Conditions

EPA REG. NO. 7969-105-34704
AD 092203

NET WEIGHT: 30

VII. Crop-Specific Information

Apples

Application Information:

For control of apple scab and apple rusts, **Polyram® 80 DF fungicide** should be used as a resistance management tool. Applications are based on tree-row volume. It is recommended that **Polyram 80 DF** be used in an Integrated Pest Management program. Use only on a protective schedule.

Pre-bloom Application Schedule

Timing: Begin application at 0.25-0.5 inch green tip and continue at 7-10 day intervals.

Rate: Apply up to 6 pounds per acre, per application.

Pre-bloom Restrictions and Limitations

Do not apply more than 4 applications of **Polyram 80 DF** per season.

Do not apply **Polyram 80 DF** after bloom.

Do not apply more than 24 pounds of **Polyram 80 DF** per acre per season.

Extended Application Schedule

Timing: Begin application at 0.25-0.5 inch green tip and apply at 7-10 day intervals.

Rate: Apply up to 3 pounds per acre, per application.

Extended Application Restrictions and Limitations

Do not apply more than 7 applications of **Polyram 80 DF** per season.

Do not apply within 77 days of harvest.

Do not apply more than 21 pounds of **Polyram 80 DF** per acre per season.

Crop-Specific Restrictions and Limitations

Do not combine or integrate the 'pre-bloom' and 'extended application' schedules.

Do not graze livestock in treated areas.

Apple Tank Mixes

Polyram 80 DF is compatible with most of the apple pesticides with which it might be normally used, including spray oils, Kelthane®, and diazinon. Observe all cautions and limitations on labeling of all products used in mixes.

Potatoes

Application Information:

Apply **Polyram® 80 DF fungicide** to potatoes for control of early blight and late blight. Rates are based on 100 gallons per acre. It is recommended that **Polyram 80 DF** be used in an Integrated Pest Management program. Vinekill should occur 14 days before harvest.

Rate: Apply 1.5-2.0 pounds per acre.

Timing: Begin application when plants are 4-6 inch high or earlier if disease conditions warrant; at 5-10 day intervals when disease pressure is low, and at 5-7 day intervals when disease pressure is high.

Chemigation

Apply by chemigation only to potatoes using only sprinkler irrigation systems. Do not apply chemigation to any other crop or to this crop using any other type of irrigation equipment. Apply this product only through one of the following types of systems: sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

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.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

The system must contain a functional check valve, 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 also contain a functional, normally closed, solenoid-operated valve on the intake side of the injection pump and connected to the system

If in eyes

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

HOT LINE 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 Loveland Products Inc. for emergency medicine treatment information: 1-800-301-7976.

Storage and Disposal

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

Pesticide Storage: Store in original containers or heat. Carefully open containers. After partial use, do not put concentrate or dilute material into

Pesticide Disposal: Pesticide waste, mixture, or rinsate is a violation of federal law. If you are unsure, contact your local health department or the Hazardous Waste representative at the

Container Disposal: Completely empty bag in a sanitary landfill or by incineration or burned, stay out of smoke.

In Case of Emergency

In case of large-scale spillage regarding this product, call CHEMTREC 800-424-9303 or Loveland Products Inc. 800-301-7976.

- In case of medical emergency regarding this product, call:
- Your local doctor for immediate treatment.
 - Your local poison control center (hospital).
 - Loveland Products Inc. (800-301-7976).

See also: **First Aid, Precautions, and Conditions of Use**

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NET WEIGHT: 30

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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 a functional interlocking control to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump motor must include a functional pressure switch to stop the water pump motor when the water pressure decreases to the point where a pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection 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 apply when wind speed favors drift beyond the area intended for treatment.

Agitation must be maintained in the supply tank.

Crop-Specific Restrictions and Limitations:

Do not apply this tank mix within 14 days of harvest in all states except Connecticut, Delaware, Florida, Massachusetts, Maine, Michigan, New Hampshire, New York, Ohio, Pennsylvania, Rhode Island, Vermont, and Wisconsin. In these states, do not apply within 3 days of harvest.

Potato Tank Mixes

Polyram® 80 DF fungicide is compatible with most of the potato pesticides with which it might normally be used. Observe all cautions and limitations on labeling of all products used in mixes.

| Crops | |
|--|----------|
| This product can be used on the following crops: | |
| Apples | Potatoes |
| Look inside for complete Restrictions and Limitations and Application Instructions. | |

Pests listed in this label:

| Common Name | Scientific Name |
|--------------|-------------------------------|
| Apple Scab | <i>Venturia inaequalis</i> |
| Apple Rust | <i>Gymno sporangium</i> spp. |
| Early Blight | <i>Alternaria solani</i> |
| Late Blight | <i>Phytophthora infestans</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 the manufacturer or the Seller. All such risks shall be assumed by the Buyer.

The manufacturer 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. **THE MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL MANUFACTURER OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

The manufacturer 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 the manufacturer.

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

WARNING: This product contains a chemical known to the State of California to cause cancer.

Polyram is a registered trademark of BASF AG.
Kelthane is a registered trademark of Dow AgroSciences LLC.

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