

100-952

10/22/2010

1/38



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

OCT 22 2010

Ms Pat Dinnen
Syngenta Crop Protection
P.O. BOX 18300
Greensboro, NC 27419

SUBJECT: Application for Pesticide Notification (PRN 98-10)
Request General Label Change to delete the patent number
"PPZ 1.55% Multi Purpose Fungicide"
EPA Reg. No. 100-952
Application Dated August 20, 2010

Dear Registrant:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 8/20/2010 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) 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 contact me directly at 703-305-5335 or Banza Djapao of my staff at 703-305-7269.

Sincerely,

A handwritten signature in black ink that reads "Rachel C. Holloman".

Paul Mastradone, Acting Leader
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



United States
Environmental Protection Agency
 Washington, DC 20460

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

OPP Identifier Number

Notification

Application for Pesticide - Section I

1. Company/Product Number 100-952	2. EPA Product Manager Mary Waller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) PPZ 1.55% Multi-Purpose Fungicide	PM# 21	
5. Name and Address of Applicant (Include ZIP Code) Syngenta Crop Protection, Inc. P. O. Box 18300 Greensboro, NC 27419 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name NOTIFICATION OCT 22 2010	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to 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.)

Notification of label change per PR Notice 98-10.

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 and penalties under sections 12 and 14 of FIFRA. The following changes are being made via this notification: Removal of U.S. Patent No.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input 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 checked="" type="checkbox"/> Plastic
*Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per Container	If "Yes" Unit Packaging wgt.	No. per container
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 16 fl. oz., 32 fl. oz., and 34.8 fl. oz.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product		<input type="checkbox"/> Lithograph	<input type="checkbox"/> Paper glued	<input checked="" type="checkbox"/> Other	Pressure Sensitive
		<input type="checkbox"/>	<input type="checkbox"/> Stenciled		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Pat Dinnen		Title Label Group Leader		Telephone No. (Include Area Code) 336-632-2494	
<p>Certification</p> <p>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.</p>					
2. Signature <i>Pat Dinnen</i>		3. Title Regulatory Specialist		6. Date Application Received (Stamped)	
4. Typed Name Pat Dinnen		5. Date August 20, 2010			

FIRST AID	
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 the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
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.
NOTE TO PHYSICIAN	
If ingested, induce emesis or lavage stomach. Treat symptomatically.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER	
For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS *[optional illustration]*

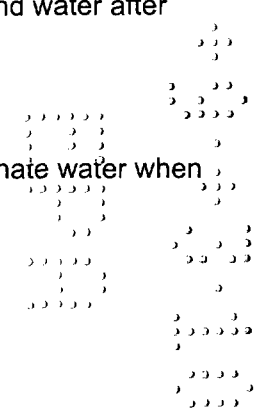
Hazards to Humans and Animals

WARNING

Causes substantial, but temporary eye injury. Do not get in eyes. Wear goggles or safety glasses. Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin or clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

Environmental Hazards

This pesticide is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment wash water.



CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, INC. or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.**

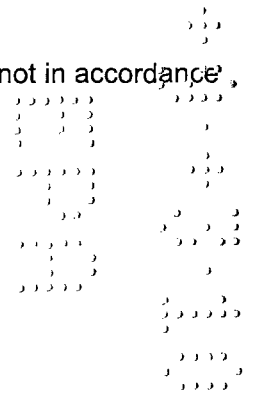
To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

Or

NOTICE: Buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

**OPEN
Resealable Label
for Directions & Precautions
PRESS TO RESEAL**



DIRECTIONS FOR USE

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

Shake well before using.

STORAGE AND DISPOSAL *[Optional Illustration]*

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

Pesticide Storage

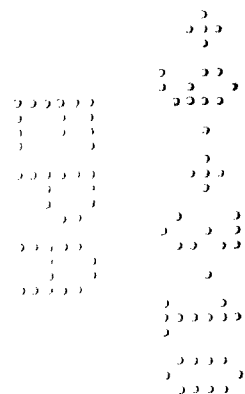
Store in a cool, dry place, away from heat or open flame.

Pesticide Disposal

If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or call 1-800-334-9481 for disposal instructions. Never place unused product down any indoor or outdoor drain.

[End of Master Label text]



GENERAL USE PRECAUTIONS

Specially formulated for residential use.
Do not use fruit from treated crab apple trees for food purposes.
Do not apply to "Stanley" type plums.

APPLICATION INSTRUCTIONS

ESTABLISHED LAWNS *[optional illustration]*

When to Mow

Apply after mowing *or* allow sprayed lawn to completely dry before mowing.

How to Apply

[walking man icon]

- Measure lawn. Calculate square feet by multiplying length times width.
- Spray evenly over measured area. Treat entire lawn.

MIXING INSTRUCTIONS for Established Lawns

Amount to Use: 4 tsp per gallon of water for each 33 1/3 sq. ft.

[DNS illustration] When using **Ortho Dial 'n Spray:**

1. Set dial to 4 tsp.

[pint]

2. Add 16 fl. oz. (entire contents) to sprayer jar. **DO NOT** add water.

3. Spray evenly over 800 sq. ft.

[quart]

4. Add 32 fl. oz. (entire contents) to sprayer jar. **DO NOT** add water.

5. Spray evenly over 1,600 sq. ft.

1 Tablespoon (Tbsp.) = 3 teaspoons (tsp.)

1 fl. oz. = 2 Tbsp.

Alternative "MIXING INSTRUCTIONS" to be used with the optional column "AREA TO COVER."

MIXING INSTRUCTIONS for Established Lawns

Amount to Use: 4 tsp per gallon of water

[DNS illustration] When using **Ortho Dial 'n Spray:**

1. Set dial to 4 tsp.

[pint]

2. Add 16 fl. oz. (entire contents) to sprayer jar. **DO NOT** add water.

3. See table for "AREA TO COVER."

[quart]

4. Add 32 fl. oz. (entire contents) to sprayer jar. **DO NOT** add water.

5. See table for "AREA TO COVER."

1 Tablespoon (Tbsp.) = 3 teaspoons (tsp.)

1 fl. oz. = 2 Tbsp.

[ESTABLISHED] LAWN DISEASE CONTROL

When to Apply

This product is highly effective when it is used at the first sign of disease. Unless otherwise specified, treat at the first sign of disease. Reapply as directed in "COMMENTS" until lawn shows signs of recovery. Resume applications if disease reoccurs.

DISEASES CONTROLLED	AREA TO COVER (Entire contents treats,) or Using one [quart] [pint] treats	COMMENTS
Anthracnose	[pint] 1,600 sq. ft. [quart] 3,200 sq. ft.	Apply every 14 days.
Brown patch	[pint] 800 sq. ft. [quart] 1,600 sq. ft.	Start applications in May or June before disease occurs. Apply every 14 days. For southern lawns, start applications at first sign of disease in spring or fall.
Dichondra rust on dichondra lawns	[pint] 800 sq. ft. [quart] 1,600 sq. ft.	Apply every 21 days.
Dollar spot	[pint] 1,600 sq. ft. [quart] 3,200 sq. ft.	Apply every 28 days.
Fusarium patch	[pint] 800 sq. ft. [quart] 1,600 sq. ft.	Apply every 28 days from fall to early spring.
Gray leaf spot	[pint] 1,600 sq. ft. [quart] 3,200 sq. ft.	Apply every 14 days in the summer.
Leaf spot (melting out)	[pint] 1,600 sq. ft. [quart] 3,200 sq. ft.	Apply every 14 days.
Pink patch	[pint] 800 sq. ft. [quart] 1,600 sq. ft.	Apply every 21 days
Powdery mildew	[pint] 1,600 sq. ft. [quart] 3,200 sq. ft.	Apply every 21-28 days.
Red thread	[pint] 800 sq. ft. [quart] 1,600 sq. ft.	Apply every 21 days.
Rust	[pint] 1,600 sq. ft. [quart] 3,200 sq. ft.	Apply every 21-28 days.
Snow mold	[pint] 800 sq. ft. [quart] 1,600 sq. ft.	Apply twice in the fall prior to snow cover waiting 14 days between each application.
Stripe smut	[pint] 1,600 sq. ft. [quart] 3,200 sq. ft.	Apply in fall after grass is dormant or in early spring before grass starts to grow.
Summer patch	[pint] 800 sq. ft. [quart] 1,600 sq. ft.	Start applications in late May or early June and apply every 14 days up to 6 times.
Take-all patch	[pint] 800 sq. ft. [quart] 1,600 sq. ft.	Apply twice in the fall (September and October) and twice in the spring (April and May). Southern lawns also need to be treated twice in the summer (June-August).

ADDITIONAL USE - GROWTH STIMULATOR *[optional illustration]*

In addition to its fungicide uses, *PPZ 1.55% Multi-Purpose Fungicide* can be used as a growth stimulator for faster establishment of newly planted **cool season** lawns.

[alternative text]

In addition to preventing and [&] stopping major diseases on roses, lawns, trees, shrubs and [&] flowers, *PPZ 1.55% Multi-Purpose Fungicide* promotes faster establishment of newly planted **cool season** lawns.

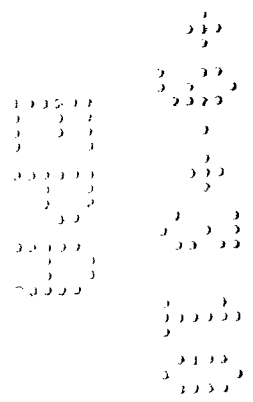
<p>MIXING INSTRUCTIONS for Newly Planted <i>Cool Season</i> Lawns</p> <p>Amount to Use: 4 tsp per gallon of water for each 66 2/3 sq. ft.</p> <p><i>[DNS illustration]</i> When using Ortho Dial 'n Spray:</p> <ol style="list-style-type: none"> 1. Set dial to 4 tsp. <i>[pint]</i> 2. Add 16 fl. oz. (entire contents) to sprayer jar. DO NOT add water. 3. Spray evenly over 1,600 sq. ft. <i>[quart]</i> 4. Add 32 fl. oz. (entire contents) to sprayer jar. DO NOT add water. 5. Spray evenly over 3,200 sq. ft.
--

1 Tablespoon (Tbsp.) = 3 teaspoons (tsp.)

1 fl. oz. = 2 Tbsp.

When to Apply

Lawn Seedlings: Apply at the 2 to 3-leaf stage of growth for faster root development and top growth.



ORNAMENTAL PLANTS [ROSES, FLOWERS, SHRUBS AND [&] SHADE TREES]

[optional illustration]

When used as directed, this product is safe to plants and controls the diseases listed. This product may injure African violets, begonias, Boston fern, geraniums or other unlisted plants, and it may not control unlisted diseases.

MIXING INSTRUCTIONS for Ornamental Plants [Roses, Flowers, Shrubs and [&] Shade Trees]
Amount to Use: 4 tsp. per gallon of water <i>[DNS illustration]</i> When using Ortho Dial 'n Spray:
1. Set dial to 4 tsp.
2. Pour product into sprayer to fill jar one-quarter to one-half full. DO NOT add water.
3. After spraying, unused product can be poured back into its original container.

1 Tablespoon (Tbsp.) = 3 teaspoons (tsp.) 1 fl. oz. = 2 Tbsp.

How to Apply

- Apply product to the point just when it begins to run off the leaves.

[alternative text]

- Spray thoroughly to cover all plant surfaces (upper and lower leaf surfaces, flowers, stems and branches) including new growth.
- Allow spray to completely dry before watering.

When to Apply

This product is highly effective when it is used at the first sign of disease. Unless otherwise specified (in SPECIAL COMMENTS), treat at the first sign of disease and reapply every 21 days until plant shows signs of recovery. Resume applications if disease reoccurs.

PLANTS	DISEASES CONTROLLED	SPECIAL COMMENTS
Amelanchier	Powdery mildew	
Apple (non-bearing)	Scab	Start applications when leaves start growing in the spring.
Apple (non-bearing)	Rust	Start applications when buds just begin to break open. Make 3 applications.
Apple (non-bearing)	Powdery mildew	Start applications in early spring.
Ash	Powdery mildew	
Azalea	Monilinia flower blight	Apply when there is 5% bloom and again at 70% bloom.
Calendula	Powdery mildew	
Carnation	Rust	
Cherry (ornamental)	Powdery mildew, leaf spot	Start applications in early spring.
Chrysanthemum	Ray Blight	

PLANTS	DISEASES CONTROLLED	SPECIAL COMMENTS
Crab apple	Scab	Start applications when buds just begin to break open.
	Rust	Start applications when buds just begin to break open. Make 3 applications.
	Powdery mildew	
Crape myrtle	Powdery mildew	
Delphinium	Powdery mildew	
Dogwood	Anthraco nose	
Douglas Fir, Shasta Fir	Needle Rust	For Shasta Fir, apply in May-June before disease occurs.
Gomphrena	Alternaria leaf spot	
Hawthorns, Poplars	Rust	
Iris	Rust	
Juniper	Phomopsis blight	
Lilac	Powdery mildew	
Marigold	Alternaria leaf spot	
Monarda	Powdery mildew	
Oak	Leaf Spot	
Phlox	Powdery mildew	
Red tip photinia	Leaf spot	
Pine	Tip blight	Start applications in mid-late winter (November-January) and apply every 2 months up to 3 times.
Pyracantha	Blight	
Rhododendron	Flower blight	Apply when there is 5% bloom and again at 70% bloom.
Roses	Powdery mildew	[Thorough coverage is needed for best results.] Start applications when buds just begin to break open.
Roses	Black spot and [&] rust	<i>[optional text]</i> For severe black spot on roses alternate every 7 to 10 days between this product and Rose Pride Funginex® Rose & Shrub Disease Control. <i>[optional text]</i> For severe black spot on roses use Rose Pride Funginex Rose & Shrub Disease Control.
Snapdragons	Rust	
Sweet William	Leaf spot	
Zinnia	Powdery mildew	

SWEET CORN

[optional illustration]

When used as directed, this product is safe to plants and controls the diseases listed.

<p>MIXING INSTRUCTIONS for Sweet Corn</p> <p>Amount to Use: 4 tsp. per gallon of water <i>[DNS illustration]</i> When using Ortho Dial 'n Spray:</p> <ol style="list-style-type: none"> 1. Set dial to 4 tsp. 2. Pour product into sprayer to fill jar one-quarter to one-half full. DO NOT add water. 3. After spraying, unused product can be poured back into its original container. <p>1 Tablespoon (Tbsp.) = 3 teaspoons (tsp.) 1 fl. oz. = 2 Tbsp.</p>
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How to Apply

- Apply 4 tsp. (1 1/3 ounce) of product to 250 to 500 square feet of sweet corn.

[alternative text]

- Spray thoroughly to cover all plant surfaces (upper and lower leaf surfaces).
- Allow spray to completely dry before watering.

When to Apply

Apply when disease first appears and continue every 14 days, making no more than 4 applications. Do not apply to sweet corn within 14 days of harvest.

SWEET CORN	DISEASES CONTROLLED	COMMENTS
Sweet Corn	Leaf blights, Rust, Gray Leaf Spot and Eye Spot	Apply when disease first appears and continue every 14 days, making no more than 4 applications. Do not apply to sweet corn within 14 days of harvest.

IMPORTANT *[optional illustration]*

PPZ 1.55% Multi-Purpose Fungicide is a preventative fungicide. Applications should be made before diseases occur for best results.

[alternative text]

This product does not repair [No fungicide repairs] plants or lawns damaged by diseases. It PPZ 1.55% Multi-Purpose Fungicide *[alternate brand name]* stops [the] disease(s) and prevents reinfestation of treated areas. As treated plants and lawns grow they recover from disease.

If you need more information about lawn and ornamental diseases, contact your local County Extension Service.

[Reentry icon] People and pets may enter treated area after spray has dried.

ALT Package 2: Lock'N Spray Cartridge Ready-to-Use Sprayer Label

GENERAL INFORMATION

FOR USE WITH THE Lock 'N Spray [logo] [SYSTEM]

[Product name] stops and [&] prevents diseases without harming lawns or delicate blooms and buds. [Continues protecting up to 28 days for certain diseases.]

Plus, [product name] provides lasting protection [up to 28 days (for certain diseases)] because [since] lawn and plant foliage absorb it, and it won't wash off with rain or watering after spray has dried.

[Product name] promotes beautiful, healthy and vigorous lawns, roses, flowers, shrubs and shade trees by controlling their major [common] diseases.

[Product name] in the unique Lock 'N Spray System makes it fast and easy to stop and prevent lawn and plant diseases. Lawn and plant foliage absorb [product name] resulting in protection that lasts up to 4 weeks (for certain diseases). Simply attach the Lock 'N Spray sprayer to this cartridge and the correct amount of PPZ 1.55% Multi Purpose Fungicide] and water mix automatically. No measuring. No mixing. No messy cleanup. And Lock 'N Spray cartridges are spill-proof!

The unique Lock 'N Spray System makes PPZ 1.55% Multi Purpose Fungicide easy to apply -- simply attach the Lock 'N Spray sprayer to this cartridge and the correct amount of [product name] and water mix automatically. No measuring. No mixing. No messy cleanup. And Lock 'N Spray cartridges are spill-proof!

Thank you for choosing [brand or company name]. You'll like the results and so will your lawn and garden.

PRODUCT FACTS	
Treats [Covers] up to 1,600 sq. ft. [pint]	
Treats [Covers] up to 3,200 sq. ft. [quart]	
STOPS & PREVENTS DISEASES	Dollar spot, rust, brown patch, powdery mildew, blights, scab, leaf spot and [&] more!
[optional illustration(s)]	
[option to list other diseases here that are listed elsewhere on this label]	
WHERE TO USE	[On] lawns.
Can also be used on, roses, flowers, trees, shrubs and [&] other ornamental plants.	
[optional illustration(s)]	
[option to list other sites here that are listed elsewhere on this label]	
[phone icon]	Questions, Comments or Medical Information? call [telephone number] or e-mail [e-mail address]

GENERAL USE PRECAUTIONS

Specially formulated for residential use.

Do not use fruit from treated crab apple trees for food purposes.

Do not apply to "Stanley" type plums.

HOW TO USE THE Lock 'N Spray [logo] SYSTEM	
CONNECT <i>[illustration #1]</i>	Connect sprayer to hose.
ATTACH <i>[illustration #2]</i>	Attach cartridge to sprayer. Turn cartridge until it clicks into place.
SPRAY <i>[illustration #3]</i>	To begin spraying, rotate sprayer nozzle tip to direct spray up or down, or remove for a 20 to 25 foot (ft.) jet spray. Turn on water and squeeze trigger.
FINISH <i>[Reverse illustration #2]</i>	<ul style="list-style-type: none"> To stop spraying, release trigger, unlock cartridge and remove from sprayer. (No need to turn off water.) To clean sprayer, flush with water, squeezing and releasing trigger in 2 short bursts. Turn off water. Squeeze trigger to drain water from sprayer, then disconnect sprayer from hose.
Cartridge reseals itself automatically - No spills, no leaks!	

APPLICATION INSTRUCTIONS

ESTABLISHED LAWNS *[optional illustration]*

When to Mow

Apply after mowing **or** allow sprayed lawn to completely dry before mowing.

How to Apply

[walking man icon]

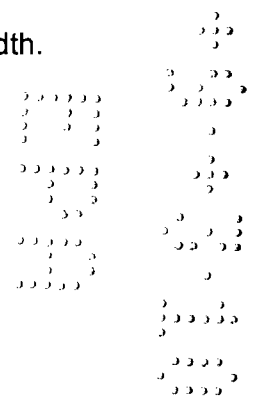
- Measure lawn. Calculate square feet by multiplying length times width.
- Spray evenly over measured area. Treat entire lawn.

Area to Cover

One pint (entire contents) treats [covers] 800 sq. ft.

One quart (entire contents) treats [covers] 1,600 sq. ft.

Alternative text - add "AREA TO COVER" column to the table below.



[ESTABLISHED] LAWN DISEASE CONTROL

When to Apply

This product is highly effective when it is used at the first sign of disease. Unless otherwise specified, treat at the first sign of disease. Reapply as directed in "COMMENTS" until lawn shows signs of recovery. Resume applications if disease reoccurs.

DISEASES CONTROLLED	AREA TO COVER (Entire contents treats.) or Using one quart (32 oz.) or one pint (16 oz.) <i>[optional column]</i>	COMMENTS
Anthracnose	<i>[pint]</i> 1,600 sq. ft. <i>[quart]</i> 3,200 sq. ft.	Apply every 14 days.
Brown patch	<i>[pint]</i> 800 sq. ft. <i>[quart]</i> 1,600 sq. ft.	Start applications in May or June before disease occurs. Apply every 14 days. For southern lawns, start applications at first sign of disease in spring or fall.
Dichondra rust on dichondra lawns	<i>[pint]</i> 800 sq. ft. <i>[quart]</i> 1,600 sq. ft.	Apply every 21 days.
Dollar spot	<i>[pint]</i> 1,600 sq. ft. <i>[quart]</i> 3,200 sq. ft.	Apply every 28 days.
Fusarium patch	<i>[pint]</i> 800 sq. ft. <i>[quart]</i> 1,600 sq. ft.	Apply every 28 days from fall to early spring.
Gray leaf spot	<i>[pint]</i> 1,600 sq. ft. <i>[quart]</i> 3,200 sq. ft.	Apply every 14 days in the summer.
Leaf spot (melting out)	<i>[pint]</i> 1,600 sq. ft. <i>[quart]</i> 3,200 sq. ft.	Apply every 14 days.
Pink patch	<i>[pint]</i> 800 sq. ft. <i>[quart]</i> 1,600 sq. ft.	Apply every 21 days
Powdery mildew	<i>[pint]</i> 1,600 sq. ft. <i>[quart]</i> 3,200 sq. ft.	Apply every 21-28 days.
Red thread	<i>[pint]</i> 800 sq. ft. <i>[quart]</i> 1,600 sq. ft.	Apply every 21 days.
Rust	<i>[pint]</i> 1,600 sq. ft. <i>[quart]</i> 3,200 sq. ft.	Apply every 21-28 days.
Snow mold	<i>[pint]</i> 800 sq. ft. <i>[quart]</i> 1,600 sq. ft.	Apply twice in the fall prior to snow cover waiting 14 days between each application.
Stripe smut	<i>[pint]</i> 1,600 sq. ft. <i>[quart]</i> 3,200 sq. ft.	Apply in fall after grass is dormant or in early spring before grass starts to grow.
Summer patch	<i>[pint]</i> 800 sq. ft. <i>[quart]</i> 1,600 sq. ft.	Start applications in late May or early June and apply every 14 days up to 6 times.

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DISEASES CONTROLLED	AREA TO COVER (Entire contents treats.) or Using one quart (32 oz.) or one pint (16 oz.) <i>[optional column]</i>	COMMENTS
Take-all patch	<i>[pint]</i> 800 sq. ft. <i>[quart]</i> 1,600 sq. ft.	Apply twice in the fall (September and October) and twice in the spring (April and May). Southern lawns also need to be treated twice in the summer (June-August).

ADDITIONAL USE - GROWTH STIMULATORS *[optional illustration]*

In addition to its fungicide uses, *[product name]* can be used as a growth stimulator for faster establishment of newly planted **cool season** lawns.

[alternative text]

In addition to preventing and [&] stopping major diseases on roses, lawns, trees, shrubs and [&] flowers, *[product name]* promotes faster establishment of newly planted **cool season** lawns.

Area to Cover

One pint (entire contents) treats [covers] 1,600 sq. ft.

One quart (entire contents) treats [covers] 3,200 sq. ft.

When to Apply

Lawn Seedlings: Apply at the 2 to 3-leaf stage of growth for faster root development and top growth.

ORNAMENTAL PLANTS [ROSES, FLOWERS, SHRUBS, AND [&] SHADE TREES

[optional illustration]

When used as directed, this product is safe to plants and controls the diseases listed. This product may injure African violets, begonias, Boston fern, geraniums or other unlisted plants, and it may not control unlisted diseases.

How to Apply

- Apply product to the point just when it begins to run off the leaves. *[alternative text]*
- Spray thoroughly to cover all plant surfaces (upper and lower leaf surfaces, flowers, stems and branches) including new growth.
- Allow spray to completely dry before watering.

When to Apply

This product is highly effective when it is used at the first sign of disease. Unless otherwise specified (in SPECIAL COMMENTS), treat at the first sign of disease and

reapply every 21 days until plant shows signs of recovery. Resume applications if disease reoccurs.

PLANTS	DISEASES CONTROLLED	SPECIAL COMMENTS
Amelanchier	Powdery mildew	
Apple (non-bearing)	Scab	Start applications when leaves start growing in the spring.
Apple (non-bearing)	Rust	Start applications when buds just begin to break open. Make 3 applications.
Apple (non-bearing)	Powdery mildew	Start applications in early spring.
Ash	Powdery mildew	
Azalea	Monilinia flower blight	Apply when there is 5% bloom and again at 70% bloom.
Calendula	Powdery mildew	
Carnation	Rust	
Cherry (ornamental)	Powdery mildew, leaf spot and [&]	Start applications in early spring.
Crab apple	Scab	Start applications when buds just begin to break open.
	Rust	Start applications when buds just begin to break open. Make 3 applications.
	Powdery mildew	
Chrysanthemum	Ray Blight	
Crape myrtle	Powdery mildew	
Delphinium	Powdery mildew	
Dogwood	Anthraxnose	
Douglas Fir, Shasta Fir		For Shasta Fir, apply in May-June before disease occurs.
Gomphrena	Alternaria leaf spot	
Iris	Rust	
Hawthorn	Rust	
Juniper	Phomopsis blight	
Lilac	Powdery mildew	
Marigold	Alternaria leaf spot	
Monarda	Powdery mildew	
Oak	Leaf Spot	
Phlox	Powdery mildew	
Red tip photinia	Leaf spot	
Pine	Tip blight	Start applications in mid-late winter (November-January) and apply every 2 months up to 3 times.
Poplars	Rust	
Pyracantha	Blight	
Rhododendron	Flower blight	Apply when there is 5% bloom and again at 70% bloom.

PLANTS	DISEASES CONTROLLED	SPECIAL COMMENTS
Roses	Powdery mildew	[Thorough coverage is needed for best results.] Start applications when buds just begin to break open.
Roses	Black spot and [&] rust	<i>[optional text]</i> For severe black spot on roses alternate every 7 to 10 days between this product and Rose Pride Funginex Rose & Shrub Disease Control. <i>[optional text]</i> For severe black spot on roses use Rose Pride Funginex Rose & Shrub Disease Control.
Snapdragons	Rust	
Sweet William	Leaf spot	
Zinnia	Powdery mildew	

BEARING FRUIT AND [&] NUT TREES]
[optional illustration]

When used as directed, this product is safe to plants and controls the diseases listed.

How to Apply

- Apply 4 tsp. (1 1/3 ounce) of product to 250 to 500 square feet of bearing fruit and nut trees. Apply spray mixture to the point just when it begins to run off the leaves.

[alternative text]

- Spray thoroughly to cover all plant surfaces (upper and lower leaf surfaces, flowers, stems and branches) including new growth.
- Allow spray to completely dry before watering.

When to Apply

This product is highly effective when it is used at the first sign of disease. Unless otherwise specified (in SPECIAL COMMENTS), treat at the first sign of disease and reapply every 21 days until plant shows signs of recovery. Resume applications if disease reoccurs.

BEARING FRUIT AND NUT TREES	DISEASES CONTROLLED	COMMENTS
Apricots, Cherries, Nectarines, Peaches, Plums and Prunes	Brown Rot Blossom blight, Powdery Mildew, Cherry Leaf Spot and Fruit Brown Rot	Start applications in early Spring and spray every 21 days, making no more than 5 applications for the entire season. Up to 3 applications may be made from early bloom through petal fall. Up to 2 applications may be made from the end of petal fall through harvest.

SWEET CORN

[optional illustration]

When used as directed, this product is safe to plants and controls the diseases listed.

How to Apply

- Apply 4 tsp. (1 1/3 ounce) of product to 250 to 500 square feet of sweet corn.

[alternative text]

- Spray thoroughly to cover all plant surfaces (upper and lower leaf surfaces).
- Allow spray to completely dry before watering.

When to Apply

Apply when disease first appears and continue every 14 days, making no more than 4 applications. Do not apply to sweet corn within 14 days of harvest.

SWEET CORN	DISEASES CONTROLLED	COMMENTS
Sweet Corn	Leaf blights, Rust, Gray Leaf Spot and Eye Spot	Apply when disease first appears and continue every 14 days, making no more than 4 applications. Do not apply to sweet corn within 14 days of harvest.

IMPORTANT *[optional illustration]*

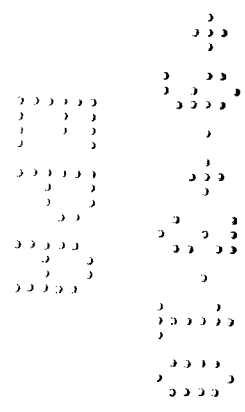
PPZ 1.55% Multi-Purpose Fungicide is preventative fungicide. Applications should be made before diseases occur for best results.

[alternative text]

This product does not repair [No fungicide repairs] plants or lawns damaged by diseases. It *[product name]* stops [the] disease(s) and prevents reinfestation of treated areas. As treated plants and lawns grow they recover from disease.

If you need more information about lawn and ornamental diseases, contact your local County Extension Service.

[reentry icon] People and pets may enter treated area after spray has dried.



ALT Package 3: READY-SPRAY - closed system [or other brand Hose-end Sprayer], user just attaches hose

GENERAL INFORMATION

Treats [Covers] up to 1,600 sq. ft. [pint]; up to 3,200 sq. ft. [quart], up to 3,480 sq. ft. [ounce].

Product Facts	
STOPS & PREVENTS DISEASES	Dollar spot, rust, brown patch, powdery mildew, blights, scab, leaf spot and more!
WHERE TO USE	On lawns. Can also be used on roses, flowers, trees, shrubs, and other ornamental plants
AMOUNT TO USE	[16 oz. Treats up to 1,600 sq. ft.] [32 oz. Treats up to 3,200 sq. ft.] [38.4 oz. Treats up to 3,480 sq. ft.] For lawns, see inside label for Area to Cover
[image of telephone]	Questions, Comments, or Medical Information call 1-800-888-8372. www.syngenta.com

GENERAL USE PRECAUTIONS

Specially formulated for residential use.

Do not use fruit from treated crab apple trees for food purposes.
Do not apply to "Stanley" type plums.

APPLICATION INSTRUCTIONS

ESTABLISHED LAWNS [optional illustration]

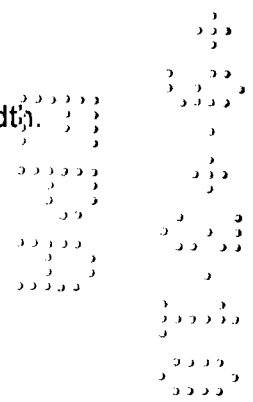
When to Mow

Apply after mowing *or* allow sprayed lawn to completely dry before mowing.

How to Apply

[walking man icon]

- Measure lawn. Calculate square feet by multiplying length times width.
- Spray evenly over measured area. Treat entire lawn.



How to Use the Ready-Spray System

Connect

1. Shake well before using
2. Connect sprayer to hose
3. Turn on water

Spray

1. To begin spraying, point nozzle in the direction you want to Spray.
2. [Bend small plastic tab back and] Turn knob [clockwise] to ON position.
3. Spray evenly over measured area. See table page _ for "AREA to COVER."

Finish

1. To stop spraying, [turn knob counter clockwise] to OFF position.
2. Turn off water.
3. Relieve water pressure by [bending plastic tab back and] turning knob to ON position until water slows to a drip. Then turn knob back to OFF position.
4. Disconnect sprayer from hose.

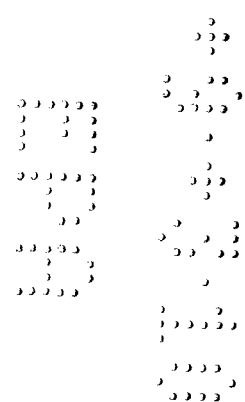
Area to Cover

[One pint (entire contents) treats [covers] [up to] 800 sq. ft. [1,600 sq. ft.]
 [One quart (entire contents) treats [covers] [up to] 1,600 sq. ft. [3,200 sq. ft.]
 [38.4 ounces treats [covers] up to 3,840 sq. ft.]
 [Alternative text - add "AREA TO COVER" column to the table below.]

[ESTABLISHED] LAWN DISEASE CONTROL

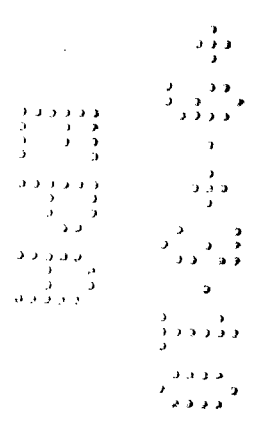
When to Apply

This product is highly effective when it is used at the first sign of disease. Unless otherwise specified, treat at the first sign of disease. Reapply as directed in "COMMENTS" until lawn shows signs of recovery. Resume applications if disease reoccurs.



DISEASES CONTROLLED	AREA TO COVER (Using one quart (32 oz.) or Using one pint (16 oz.) or 38.4 ounce	COMMENTS
Anthracnose	[pint] 1,600 sq. ft. [quart] 3,200 sq. ft. [38.4 ounce] 3,840 sq. ft.	Apply every 14 days.
Brown patch	[pint] 800 sq. ft. [quart] 1,600 sq. ft. [38.4 ounce] 3,840 sq. ft.	Start applications in May or June before disease occurs. Apply every 14 days. For southern lawns, start applications at first sign of disease in spring or fall.
Dichondra rust on dichondra lawns	[pint] 800 sq. ft. [quart] 1,600 sq. ft. [38.4 ounce] 3,840 sq. ft.	Apply every 21 days.
Dollar spot	[pint] 1,600 sq. ft. [quart] 3,200 sq. ft. [38.4 ounce] 3,840 sq. ft.	Apply every 28 days.
Fusarium patch	[pint] 800 sq. ft. [quart] 1,600 sq. ft. [38.4 ounce] 3,840 sq. ft.	Apply every 28 days from fall to early spring.
Gray leaf spot	[pint] 1,600 sq. ft. [quart] 3,200 sq. ft. [38.4 ounce] 3,840 sq. ft.	Apply every 14 days in the summer.
Leaf spot (melting out)	[pint] 1,600 sq. ft. [quart] 3,200 sq. ft. [38.4 ounce] 3,840 sq. ft.	Apply every 14 days.
Pink patch	[pint] 800 sq. ft. [quart] 1,600 sq. ft. [38.4 ounce] 3,840 sq. ft.	Apply every 21 days
Powdery mildew	[pint] 1,600 sq. ft. [quart] 3,200 sq. ft. [38.4 ounce] 3,840 sq. ft.	Apply every 21-28 days.
Red thread	[pint] 800 sq. ft. [quart] 1,600 sq. ft. [38.4 ounce] 3,840 sq. ft.	Apply every 21 days.
Rust	[pint] 1,600 sq. ft. [quart] 3,200 sq. ft. [38.4 ounce] 3,840 sq. ft.	Apply every 21-28 days.
Snow mold	[pint] 800 sq. ft. [quart] 1,600 sq. ft. [38.4 ounce] 3,840 sq. ft.	Apply twice in the fall prior to snow cover, waiting 14 days between each application.
Stripe smut	[pint] 1,600 sq. ft. [quart] 3,200 sq. ft. [38.4 ounce] 3,840 sq. ft.	Apply in fall after grass is dormant or in early spring before grass starts to grow.

DISEASES CONTROLLED	AREA TO COVER <i>(Using one quart (32 oz.) or Using one pint (16 oz.) or 38.4 ounce</i>	COMMENTS
Summer patch	[<i>pint</i>] 800 sq. ft. [<i>quart</i>] 1,600 sq. ft. [38.4 ounce] 3,840 sq. ft.	Start applications in late May or early June and apply every 14 days up to 6 times.
Take-all patch	[<i>pint</i>] 800 sq. ft. [<i>quart</i>] 1,600 sq. ft. [38.4 ounce] 3,840 sq. ft.	Apply twice in the fall (September and October) and twice in the spring (April and May). Southern lawns also need to be treated twice in the summer (June-August).



ADDITIONAL USE - GROWTH STIMULATOR *[optional illustration]*

In addition to its fungicide uses, *[product name]* can be used as a growth stimulator for faster establishment of newly planted **cool season** lawns.

[alternative text]

In addition to preventing and [&] stopping major diseases on roses, lawns, trees, shrubs and [&] flowers, *[product name]* promotes faster establishment of newly planted **cool season** lawns.

Area to Spray for Newly Planted Cool Season Lawns

- Amount to Use: One pint (entire contents) treats [covers] 1,600 sq. ft.
- One quart (entire contents) treats [covers] 3,200 sq. ft.
- 38.4 oz. treats up to 3,840 sq. ft.

1. Follow "How to use the Ready-Spray System instructions from page []".
2. Spray evenly over [1,600] [3,200] [3,840] sq. ft.

When to Apply

Lawn Seedlings: Apply at the 2 to 3-leaf stage of growth for faster root development and top growth.

ORNAMENTAL PLANTS [ROSES, FLOWERS, SHRUBS AND [&] SHADE TREES

[optional illustration]

When used as directed, this product is safe to plants and controls the diseases listed. This product may injure African violets, begonias, Boston fern, geraniums or other unlisted plants, and it may not control unlisted diseases.

How to Apply

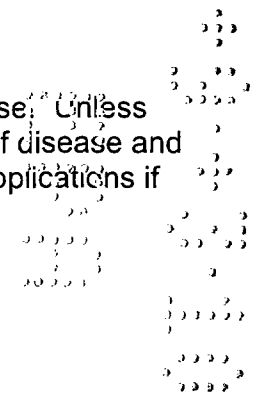
- Follow "How to use Ready-Spray System instructions from page []".
- Apply product to the point just when it begins to run off the leaves.

[alternative text]

- Spray thoroughly to cover all plant surfaces (upper and lower leaf surfaces, flowers, stems and branches) including new growth.
- Allow spray to completely dry before watering.

When to Apply

This product is highly effective when it is used at the first sign of disease; ~~Unless~~ otherwise specified (in SPECIAL COMMENTS), treat at the first sign of disease and reapply every 21 days until plant shows signs of recovery. Resume applications if disease reoccurs.



PLANTS	DISEASES CONTROLLED	SPECIAL COMMENTS
Amelanchier	Powdery mildew	
Apple (non-bearing)	Scab	Start applications when leaves start growing in the spring.
Apple (non-bearing)	Rust	Start applications when buds just begin to break open. Make 3 applications.
Apple (non-bearing)	Powdery mildew	Start applications in early spring.
Ash	Powdery mildew	
Azalea	Monilinia flower blight	Apply when there is 5% bloom and again at 70% bloom.
Calendula	Powdery mildew	
Carnation	Rust	
Cherry (ornamental)	Powdery mildew, leaf spot and [&]	Start applications in early spring.
Chrysanthemum	Ray Blight	
Crab apple	Scab	Start applications when buds just begin to break open.
	Rust	Start applications when buds just begin to break open. Make 3 applications.
	Powdery mildew	
Crape myrtle	Powdery mildew	
Delphinium	Powdery mildew	
Douglas Fir, Shasta Fir	Needle Rust	For Shasta Fir, apply in May-June before disease occurs.
Dogwood	Anthracnose	
Gomphrena	Alternaria leaf spot	
Hawthorn	Rust	
Iris	Rust	
Juniper	Phomopsis blight	
Lilac	Powdery mildew	
Marigold	Alternaria leaf spot	
Monarda	Powdery mildew	
Oak	Leaf Spot	
Phlox	Powdery mildew	
Poplar	Rust	
Red tip photinia	Leaf spot	
Pine	Tip blight	Start applications in mid-late winter (November-January) and apply every 2 months up to 3 times.
Pyracantha	Blight	
Rhododendron	Flower blight	Apply when there is 5% bloom and again at 70% bloom.
Roses	Powdery mildew	[Thorough coverage is needed for best results.] Start applications when buds just begin to break open.
Roses	Black spot and [&] rust	[optional text] For severe black spot on roses alternate every 7 to 10 days between

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PLANTS	DISEASES CONTROLLED	SPECIAL COMMENTS
		this product and Rose Pride Funginex Rose & Shrub Disease Control. <i>[optional text]</i> For severe black spot on roses use Rose Pride Funginex Rose & Shrub Disease Control.
Snapdragons	Rust	
Sweet William	Leaf spot	
Zinnia	Powdery mildew	

BEARING FRUIT AND [&] NUT TREES]

[optional illustration]

When used as directed, this product is safe to plants and controls the diseases listed.

How to Apply

- Apply 4 tsp. (1 1/3 ounces) of product to 250 to 500 square feet of bearing fruit and nut trees. Apply spray mixture to the point just when it begins to run off the leaves.

[alternative text]

- Spray thoroughly to cover all plant surfaces (upper and lower leaf surfaces, flowers, stems and branches) including new growth.
- Allow spray to completely dry before watering.

When to Apply

This product is highly effective when it is used at the first sign of disease. Unless otherwise specified (in SPECIAL COMMENTS), treat at the first sign of disease and reapply every 21 days until plant shows signs of recovery. Resume applications if disease reoccurs.

BEARING FRUIT AND NUT TREES	DISEASES CONTROLLED	COMMENTS
Apricots, Cherries, Nectarines, Peaches, Plums and Prunes	Brown Rot Blossom Blight, Powdery Mildew, Cherry Leaf Spot and Fruit Brown Rot	Start applications in early spring and spray every 21 days, making no more than 5 applications for the entire season. Up to 3 applications may be made from early bloom through petal fall. Up to 2 applications may be made from the end of petal fall through harvest.

SWEET CORN

[optional illustration]

When used as directed, this product is safe to plants and controls the diseases listed.

How to Apply

- Apply 4 tsp. (1 1/3 ounces) of product to 250 to 500 square feet of sweet corn.

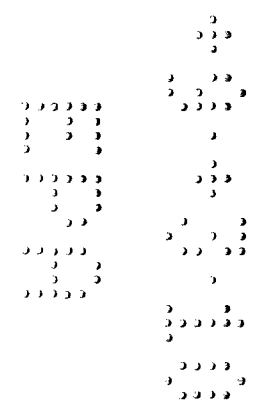
[alternative text]

- Spray thoroughly to cover all plant surfaces (upper and lower leaf surfaces).
- Allow spray to completely dry before watering.

When to Apply

Apply when disease first appears and continue every 14 days, making no more than 4 applications. Do not apply to sweet corn within 14 days of harvest.

SWEET CORN	DISEASES CONTROLLED	COMMENTS
Sweet Corn	Leaf Blights, Rust, Gray Leaf Spot and Eye Spot	Apply when disease first appears and continue every 14 days, making no more than 4 applications. Do not apply to sweet corn within 14 days of harvest.



ALT Package 4: Pump-Up Pressure Sprayer

GENERAL INFORMATION

Treats [Covers] up to 1,600 sq. ft. [pint]; up to 3,200 sq. ft. [quart].

Product Facts	
STOPS & PREVENTS DISEASES	Dollar spot, rust, brown patch, powdery mildew, blights, scab, leaf spot and more!
WHERE TO USE	On lawns. Can also be used on roses, flowers, trees, shrubs, and other ornamental plants
AMOUNT TO USE	[16 oz. Treats up to 1,600 sq. ft.] [32 oz. Treats up to 3,200 sq. ft.]
[image of telephone]	Questions, Comments, or Medical Information call 1-800-888-8372. www.syngenta.com

GENERAL USE PRECAUTIONS

Specially formulated for residential use.

APPLICATION INSTRUCTIONS

ESTABLISHED LAWNS *[optional illustration]*

When to Mow

Apply after mowing **or** allow sprayed lawn to completely dry before mowing.

How to Apply

[walking man icon]

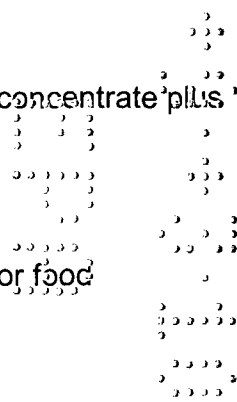
- Measure lawn. Calculate square feet by multiplying length times width.
- Spray evenly over measured area. Treat entire lawn.

MIXING PROCEDURES

Shake well before using. Apply only with a pump-up pressure sprayer, concentrate plus water-style, or a hose-end sprayer.

NOTE: ½ fl. oz. = 1 Tablespoon
 1 fl. oz. = 2 Tablespoons

Food utensils, such as measuring cups and spoons, must not be used for food purposes after use in measuring pesticides.



Pump-Up Pressure Sprayer

1. Fill with required amount of water.
2. Add the amount of concentrate specified in the charts that follow.
3. Shake well before application.

APPLICATION INSTRUCTIONS

STOP. DO NOT ALLOW PEOPLE OR PETS TO CONTACT TREATED AREAS UNTIL SPRAY HAS DRIED.

ROSES AND FLOWERS

General Directions

1. Apply product to the point just when it begins to run off of the leaves.
2. Allow spray to completely dry before watering.

Plant	Disease	Amount of Product	Comments
Roses	Powdery Mildew	1 Tablespoon (1/2 fl. oz.) per gal. of water	Thorough coverage needed for best results. Begin application at bud break. Treat every 10 days.
	Black Spot Rust	2 Tablespoons (1 fl. oz.) per gal. of water	Treat every 10 days. Note: May not provide 100% control of black spot under severe conditions.
Calendula	Powdery Mildew	1 Tablespoon (1/2 fl. oz.) per gal. of water	Apply every 30 days.
Carnation, Iris	Rust	1 Tablespoon (1/2 fl. oz.) per gal. of water	Apply every 10-14 days.
Chrysanthemums	Ray Blight	2 Tablespoons (1 fl. oz.) per gal. of water	Apply every 7 days.
Delphinium	Powdery Mildew	1 Tablespoon (1/2 fl. oz.) per gal. of water	Apply every 14 days.
Marigold	Leaf blight, Leaf spots	2 Tablespoons (1 fl. oz.) per gal. of water	Apply every 14 days.

Plant	Disease	Amount of Product	Comments
Phlox, Zinnia	Powdery Mildew	1 Tablespoon (1/2 fl. oz.) per gal. of water	Apply every 10-14 days.
Snapdragons	Rust	2 Tablespoons (1 fl. oz.) per gal. of water	Apply every 10 days.
Sweet William	Leaf Spot	1 Tablespoon (1/2 fl. oz.) per gal. of water	Apply every 14 days.

LAWNS

1. Apply after mowing or allow sprayed area to completely dry before mowing.
2. Measure the length and width of area to be treated before application. Length x width = square feet. For example, an area 25 ft. long and 20 ft. wide is 500 sq. ft.

Established Lawns

Disease	Amount of Product	Comments
Brown Patch	5 fl. oz. in 1 gal. of water per 250 sq. ft. of lawn	If needed, repeat treatment every 10 days. First application should be in May or June before disease is present.
Dollar Spot, Powdery Mildew, Rust, Anthracnose	3 fl. oz. in 1 gal. of water per 250 sq. ft. of lawn	Apply every 14 days.
Fusarium Patch	5 fl. oz. in 1 gal. of water per 250 sq. ft. of lawn	If needed, repeat every 21 days when conditions are favorable for disease to occur.
Necrotic Ring Spot	9 fl. oz. in 1 gal. of water per 250 sq. ft. of lawn	Apply in the fall and/or the early spring.
Red Thread, Pink Patch, Dichondra Rust on Dichondra Lawns	5 fl. oz. in 1 gal. of water per 250 sq. ft. of lawn	If needed, repeat every 21 days when conditions are favorable for disease to occur.
Snowmold (Gray or Pink)	5 fl. oz. in 1 gal. of water per 250 sq. ft. of lawn	Apply twice in the fall prior to snow cover waiting 14 days between each application.
Spring Dead Spot	9 fl. oz. in 1 gal. of water per 250 sq. ft. of lawn	Apply when conditions are favorable for disease development.
Stripe Smut	3 fl. oz. in 1 gal. of water per 250 sq. ft. of lawn	Apply in Fall after grass is dormant or in early Spring before grass starts to grow.

Disease	Amount of Product	Comments
Take-All Patch	5 fl. oz. in 1 gal. of water per 250 sq. ft. of lawn	Apply twice in the Fall (Sept. and Oct.) and twice in the spring (April and May). Southern lawns also need to be treated twice in the summer (June - August).
Zoysia Patch	5 fl. oz. in 1 gal. of water per 250 sq. ft. of lawn	Make one application in the early fall prior to development of disease symptoms.

New Seedlings

Amount of Product	Comments
5 fl. oz. in 2 gals. Of water per 500 sq. ft. of lawn	Apply at the 2 to 3-leaf stage of growth for faster root development and top growth.

TREES AND SHRUBS

General Directions

1. Spray just until product runs off leaves.
2. Allow the spray to dry before watering plants.

Plant	Disease	Amount of Product	Comments
Ash	Powdery Mildew	3 Tablespoons (1 1/2 fl. oz.) per gal. of water	Apply every 21 days.
Azalea	Flower Blight	1/2 Tablespoon (1/4 fl. oz.) per gal. of water	Apply when there is a 5% bloom and again at 70% bloom.
Crab Apple	Scab Rust	1/2 Tablespoon (1/4 fl. oz.) per gal. of water	Apply when buds just begin to break open. For scab, apply every 14 days. For rust, make 3 applications beginning when buds just begin to break open. Apply at 7-day intervals.
	Powdery Mildew	1 1/2 Tablespoons (3/4 fl. oz.) per gal. of water	Apply every 14 days.

NON-BEARING FRUIT AND NUT TREES

General Directions

1. Non-bearing fruit and nut trees are those trees that will not produce fruit for at least one year after application of this product.
2. Apply product to the point just when it begins to run off of the leaves.

Plant	Disease	Amount of Product	Comments
Apple	Scab	1/2 Tablespoon (1/4 fl. oz.) per gal. of water	Start applications when leaves start growing in the Spring and spray every 14 days.
	Rust	1/2 Tablespoon (1/4 fl. oz.) per gal. of water	Make 3 applications beginning when buds just begin to break open. Apply at 7-day intervals.
	Powdery Mildew	1 Tablespoon (1/2 fl. oz.) per gal. of water	Start applications in early Spring and spray every 14 days.
Citrus	Greasy Spot	4 Tablespoons (2 fl. oz.) per gal. of water	Apply June-August every 21 days.
Pecan	Scab Powdery Mildew Downy Spot Zonate Leafspot Fungal Leaf Scorch Brown Spot	2 Tablespoons (1 fl. oz.) per gal. of water	Start applications at bud break and make 3 applications at 14-day intervals.
Walnut	Anthraco nose	2 Tablespoons (1 fl. oz.) per gal. of water	Apply every 14 days.

BEARING FRUIT AND [&] NUT TREES]

[optional illustration]

When used as directed, this product is safe to plants and controls the diseases listed.

How to Apply

- Apply 4 tsp. (1 1/3 ounce) of product to 250 to 500 square feet of bearing fruit and nut trees. Apply spray mixture to the point just when it begins to run off the leaves.

[alternative text]

- Spray thoroughly to cover all plant surfaces (upper and lower leaf surfaces, flowers, stems and branches) including new growth.
- Allow spray to completely dry before watering.

When to Apply

This product is highly effective when it is used at the first sign of disease. Unless otherwise specified (in SPECIAL COMMENTS), treat at the first sign of disease and reapply every 21 days until plant shows signs of recovery. Resume applications if disease reoccurs.

BEARING FRUIT AND NUT TREES	DISEASES CONTROLLED	AMOUNT OF PRODUCT	COMMENTS
Apricots, Cherries, Nectarines, Peaches, Plums and Prunes	Brown Rot Blossom blight, Powdery Mildew, Cherry Leaf Spot and Fruit Brown Rot	4 Teaspoons (2/3 fl. oz.) per gal. of water applied to 250 to 500 square feet	Start applications in early Spring and spray every 21 days, making no more than 5 applications for the entire season. Up to 3 applications may be made from early bloom through petal fall. Up to 2 applications may be made from the end of petal fall through harvest.

SWEET CORN	DISEASES CONTROLLED	AMOUNT OF PRODUCT	COMMENTS
Sweet Corn	Leaf blights, Rust, Gray Leaf Spot and Eye Spot	4 Teaspoons (2/3 fl. oz.) per gal. of water applied to 250 to 500 square feet	Apply when disease first appears and continue every 14 days, making no more than 4 applications. Do not apply to sweet corn within 14 days of harvest.

IMPORTANT [optional illustration]

PPZ 1.55% Multi-Purpose Fungicide is a preventative fungicide. Applications should be made before diseases occur for best results.

[alternative text]

This product does not repair [No fungicide repairs] plants or lawns damaged by diseases. It [product name] stops [the] disease(s) and prevents reinfestation of treated areas. As treated plants and lawns grow they recover from disease.

If you need more information about lawn and ornamental diseases, contact your local County Extension Service.

[reentry icon] People and pets may enter treated area after spray has dried.

[The Syngenta [alternate brand] Guarantee

If for any reason you are not satisfied with this product, mail us proof of purchase to obtain a full refund of your purchase price.]

[phone icon] Medical Information call 1-800-888-8372
Product Information call _____

For non-emergency (e.g., current product information) call
Syngenta Crop Protection at 1-800-334-9481.

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