



# *Harrell's ProtectMAX<sup>®</sup>*

# SYSTEMIC FUNGICIDES

Turf and ornamental diseases don't stand a chance. This broad-spectrum lineup of systemic fungicides from Harrell's offers leading active ingredients in quality formulations.



#HPMTPF-2.5 | 2.5 GALLONS (9.46 LITERS)  
#HPMTPF-30 | 30 GALLONS (113.52 LITERS)  
#HPMTPF-250 | 250 GALLONS (946 LITERS)  
WEIGHT/GALLON: 13.1 LBS. @ 68°F

## Title Phyte® Systemic Fungicide

### PRODUCT INFORMATION

Title Phyte® Systemic Fungicide serves as the backbone of a balanced approach to disease management by controlling damaging diseases like *Pythium* blight, *Pythium* root rot, anthracnose, and others while supplementing the plant with an important nutritional element in potassium. Title Phyte® Systemic Fungicide is the perfect addition to a complete plant protection and turf health program.

### FEATURES & BENEFITS

- Proven control of key diseases like *Pythium* and anthracnose.
- Compatible in fungicide & nutritional mixtures.
- 30% potassium (0-0-30 guaranteed analysis.)
- Neutral pH.

*Always remember to view label for use rates and restrictions.*

### ACTIVE INGREDIENT

Mono- and di-Potassium Phosphite\* ..... 50.6%

### FRAC GROUP

P07 (Phosphonate)

### FERTILIZER GRADE: 0-0-30 GUARANTEED ANALYSIS

SOLUBLE POTASH (K<sub>2</sub>O) ..... 30.0%

### USE SITES:

- Turf including: sod farms, residential lawns, golf courses, parks and commercial landscapes
- Trees: commercial nurseries, plantations and forests, landscapes and parks
- Ornamentals: commercial nurseries and greenhouses and commercial landscapes
- Various vegetable and fruit crops - see label



#HPMAZO | 1 GALLON (3.79 liters)

## Azoxy 2SC Turf & Ornamental Fungicide

### PRODUCT INFORMATION

Azoxy 2SC is one of the most versatile fungicides for use on turf and ornamentals. Offering broad-spectrum control of diseases across a wide range of hosts, Azoxy 2SC is a staple in any fungicide program.

### FEATURES & BENEFITS

- Azoxy 2SC provides broad-spectrum control of multiple plant diseases including anthracnose, brown patch, pythium blight, take-all patch, gray leaf spot, spring dead spot, gray & pink snow mold.
- Peace of mind with easy handling and convenience of liquid formulation.
- Affordable, versatile disease control with the leading strobilurin (QoI) fungicide and an excellent rotational tool.

### RECOMMENDED RATES

View Label for Use Rates and Restrictions

### ACTIVE INGREDIENT

Azoxystrobin: methyl (E)-2-[2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl]-3-methoxyacrylate\*  
..... 22.93%

*Contains 2.08 lbs Azoxystrobin per gallon*

### FRAC GROUP

11 (Strobilurin)

### USE SITES:

- Turf: golf courses, residential lawns and landscapes, institutional and commercial turf, parks and athletic fields
- Ornamentals
- Conifers
- Commercial rose production

*Always remember to view label for use rates and restrictions.*



#HPMPRO | 2.5 GALLONS (9.46 liters)

## Propiconazole Fungicide

### PRODUCT INFORMATION

Propiconazole is a systemic fungicide that effectively controls a wide range of turf and ornamental diseases. As a DMI fungicide offering leaf, stem, and root absorption, Propiconazole controls important foliar and root borne diseases by inhibiting sterol biosynthesis in fungal organisms.

### FEATURES & BENEFITS

- Excellent control of over 20 important turf diseases including dollar spot, brown patch, summer patch and snow mold.
- Quality formulation with low odor and excellent tank mix compatibility.
- Affordable solution for broad acre applications such as golf course fairways, rough, and professional lawn care operations.

### USE SITES:

- Turf: golf courses, residential lawns, commercial sites, sod farms, athletic fields, parks
- Ornamentals in nurseries and landscape plantings
- Non-bearing fruit and nut trees
- Flare root injection (see label)

*Always remember to view label for use rates and restrictions.*

### ACTIVE INGREDIENT

PROPICONAZOLE..... 14.3%  
Contains 1.3 lb active ingredient per gallon

### FRAC GROUP

3 (DMI)



# SYSTEMIC FUNGICIDES

Turf and ornamental diseases don't stand a chance. This broad-spectrum lineup of systemic fungicides from Harrell's offers leading active ingredients in quality formulations backed by a trusted partner.



#HPMTEB | 2.5 GALLONS (9.46 liters)

## Tebuconazole Turf & Ornamental Fungicide

### PRODUCT INFORMATION

Tebuconazole provides long-lasting curative and preventive control against tough turf diseases like dollar spot, fairy ring, summer patch and snow molds as well as key ornamental diseases such as scabs, phomopsis, mildews and rusts.

### FEATURES & BENEFITS

- Systemic control of tough foliar and soil borne diseases.
- Strong on root diseases like summer patch and fairy ring.
- Tank-mix compatible with most plant protection products.

### ACTIVE INGREDIENT

Tebuconazole;  $\alpha$ -[2-(4-chlorophenyl)ethyl]- $\alpha$ -(1,1-dimethylethyl)-1H-1,2,4-triazole-1-ethanol .....38.7%  
Contains 3.6 pounds Tebuconazole per gallon.

### FRAC GROUP

3 (DMI)

### USE SITES:

- Golf course turf only
- Field, nursery and container ornamentals
- Commercial and residential landscape ornamentals

*Always remember to view label for use rates and restrictions.*



#HPMAZO | 1 GALLON (3.79 liters)

## T-Methyl Turf & Ornamental Fungicide

### PRODUCT INFORMATION

T-Methyl protects turf and ornamental species against a wide range of diseases. With curative and preventive properties, T-Methyl can be used to control both foliar and root borne diseases in a wide range of settings.

### FEATURES & BENEFITS

- Easy to use flowable formulation.
- Excellent tank-mix option with great compatibility.
- Strong on key lawn diseases like dollar spot and gray leaf spot.

### ACTIVE INGREDIENT

Thiophanate-methyl.....46.2%  
Contains 4.5 pounds thiophanate-methyl per gallon

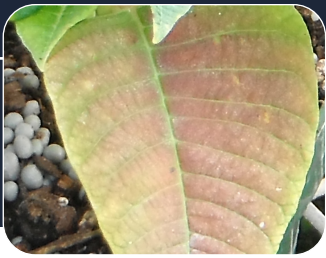
### FRAC GROUP

1 (MBC)

### USE SITES:

- Turf: golf courses, residential and public areas
- Ornamentals - greenhouse and nursery grown, landscape

*Always remember to view label for use rates and restrictions.*



Proven active ingredients that fit into any agronomic program. Protect your plants and your peace of mind with Harrell's ProtectMAX products.

| Product Information          |              |             |          |   |   | Use Sites    |             |            |             |           |             | Rates                        |   |                                  |   | Phytomobility                 |                     |         |          |                     |
|------------------------------|--------------|-------------|----------|---|---|--------------|-------------|------------|-------------|-----------|-------------|------------------------------|---|----------------------------------|---|-------------------------------|---------------------|---------|----------|---------------------|
| Name                         | Product Type | Formulation | Sku Size | Active                                  | FRAC or WSSA Resistance Management Code | Golf Courses | Residential | Commercial | Sports Turf | Sod Farms | Ornamentals | Rate Range (Oz/1000 sq. ft.) | Max Single App Use Rate (Oz/1000 sq. ft.) | Annual Max Use (Oz/1000 sq. ft.) | Maximum Number of Sequential Applications | Reapplication Interval (Days) | Acropetal penetrant | Contact | Systemic | Localized penetrant |
| ProtectMAX Azoxy             | Fungicide    | SC          | 1 gal    | Azoxystrobin - 22.93%                   | 11                                      | x            | x           | x          | x           |           | x           | 0.38 - 0.77                  | 0.77                                      | 7.1                              | 2   | 10 - 28                       | x                   |         |          |                     |
| ProtectMAX Chlorothalonil 6L | Fungicide    | L           | 2.5 gal  | Chlorothalonil - 54%                    | M5                                      | x            |             |            |             | x         | x           | 2.6 - 5.5                    | 5.5                                       | 35.75                            | -   | 7 - 14                        |                     | x       |          |                     |
| ProtectMAX Chlorothalonil DF | Fungicide    | DF          | 5 lb     | Chlorothalonil - 82.5%                  | M5                                      | x            |             |            |             | x         | x           | 1.82 - 5                     | 5   | 32.5                             | -   | 7 - 14                        |                     | x       |          |                     |
| ProtectMAX Fluazinam         | Fungicide    | L           | 2.5 gal  | Fluazinam - 40%                         | 29                                      | x            |             |            |             |           |             | 0.5                          | 0.5                                       | 5.9                              | 12  | 14                            |                     | x       |          |                     |
| ProtectMAX Propiconazole     | Fungicide    | L           | 2.5 gal  | Propiconazole - 14.3%                   | 3                                       | x            | x           | x          | x           | x         | x           | 0.5 - 4                      | 4   | 16                               | -   | 14 - 28                       | x                   |         |          |                     |
| ProtectMAX Tebuconazole      | Fungicide    | L           | 2.5 gal  | Tebuconazole - 38.7%                    | 3                                       | x            |             |            |             |           | x           | 0.6 - 1.1                    | 1.1                                       | 3.6                              | 1   | 21                            | x                   |         |          |                     |
| ProtectMAX T-Methyl          | Fungicide    | L           | 2.5 gal  | Thiophanate-methyl - 46.2%              | 1                                       | x            | x           | x          | x           |           | x           | 1.75 - 5.33                  | 5.33                                      | 14.25                            | -   | 14 - 21                       | x                   |         |          |                     |
| ProtectMAX Title Phyte       | Fungicide    | L           | 2.5 gal  | Mono-and di-Potassium Phosphite - 50.6% | P07                                     | x            | x           | x          | x           | x         | x           | 1 - 5                        | 5   | -                                | -   | 7 - 21                        |                     |         | x        |                     |
| ProtectMAX Quinclorac        | Herbicide    | L           | 64 fl oz | Quinclorac - 18.92%                     | 4 (WSSA)                                | x            | x           | x          | x           | x         |             | 0.5 - 1.45                   | 1.45                                      | 2.9                              | -   | 14 - 21                       |                     |         | x        |                     |

Always remember to view label for use rates and restrictions.



# CONTACT FUNGICIDES

Shake up your rotation with industry-leading multi-site contact fungicides from Harrell's. From dollar spot to Botrytis, these staples stay ready as key tools for all your turf and ornamental disease needs.



#HPMFLU | 2.5 GALLONS (9.46 liters)

## Fluazinam Turf & Ornamental Fungicide

### PRODUCT INFORMATION

Fluazinam is a multi-site mode of action contact fungicide. Fluazinam will help you control the toughest golf course diseases like dollar spot and many more. As a FRAC group 29 fungicide, Fluazinam provides a new alternative for resistance management that can be used in rotation with chlorothalonil or combined with other systemic fungicides.

### FEATURES & BENEFITS

- Powerful disease protection while managing resistance.
- Fluazinam is a unique mode of action and the only FRAC group 29 registered fungicide for turf.
- Excellent rotational tool with no known resistance as a multi-site contact fungicide.
- Excellent control of dollar spot, brown patch and snow mold among others.
- One low use rate with convenient liquid formulation.

### ACTIVE INGREDIENT

Fluazinam: 3-chloro-N-[3-chloro-2,6-dinitro-4-trifluoromethyl)phenyl]-5-trifluoromethyl-2-pyridinamine (CA) ..... 40.0%  
*Contains 4.17 pounds fluazinam per gallon (500 grams per liter)*

### FRAC GROUP

29 (Uncoupler of oxidative phosphorylation)

### USE SITES:

Golf course turf only

*Always remember to view label for use rates and restrictions.*



#HPMCLT-6L | 2.5 GALLONS (9.46 liters)

## Chlorothalonil 6L Turf & Ornamental Fungicide

### PRODUCT INFORMATION

Chlorothalonil 6L is a contact fungicide with a multi-site mode of action. This means it not only controls a broad range of turf and ornamental diseases, but it can help delay or prevent resistance to single-site fungicides in a population. Use in combination with systemics or as a standalone for excellent foliar disease control.

### FEATURES & BENEFITS

- Broad-spectrum of control of over 45 turf and ornamental diseases across a wide variety of plant species.
- Convenient liquid formulation with outstanding plant adhesion and rainfastness.
- Excellent tank-mix partner with systemic fungicides for resistance management and extended disease control.
- No resistance documented.

### ACTIVE INGREDIENT

Chlorothalonil (tetrachloroisophthalonitrile) ..... 54.0%  
*Contains 6.0 pounds Chlorothalonil per gallon (720 grams per liter)*

### FRAC GROUP

M5 (Chloronitriles)

### USE SITES:

- Turf: golf courses, sod farms, commercial sites
- Ornamentals
- Conifers

*Always remember to view label for use rates and restrictions.*



#HPMCLT-DF | 5 POUNDS (2.26 KG)

## Chlorothalonil DF Turf & Ornamental Fungicide

### PRODUCT INFORMATION

Chlorothalonil DF is a contact fungicide with a multi-site mode of action. It controls a broad range of turf and ornamental diseases, and can help delay or prevent resistance to single-site fungicides in a population. Use in combination with systemics or as a standalone for excellent foliar disease control.

### FEATURES & BENEFITS

- Protects turf and ornamentals from more than 75 diseases.
- No resistance documented.
- Dry flowable formulation that readily disperses in spray tank.
- Excellent tank-mix partner with systemic fungicides for resistance management and extended disease control.

### ACTIVE INGREDIENT

Chlorothalonil (tetrachloroisophthalonitrile) .....82.5%  
Contains 1.3 lb active ingredient per gallon

### FRAC GROUP

M5 (Chloronitriles)

### USE SITES:

- Turf: golf courses, sod farms, commercial sites
- Ornamentals
- Conifers

*Always remember to view label for use rates and restrictions.*

## HERBICIDE

Harrell's ProtectMAX® isn't just about keeping diseases at bay - we also have you covered against some of the toughest and most unsightly weeds on turf.



#HPMQUI | 64 FL. OZ. (1.89 liters)

## Quinclorac Herbicide

### PRODUCT INFORMATION

A liquid quinclorac formulation for selective control of broadleaf and grassy weeds in residential and non-residential turfgrass. Quinclorac is a synthetic auxin herbicide (HRAC code 4) that offers quick and effective knockdown of key weeds like crabgrass. Apply with Harrell's SprayMAX MSO at 1.5 pints/Acre to enhance weed control in established turf.

### FEATURES & BENEFITS

- Easy to use, water based formulation is compatible with many post-emergence herbicides.
- Minimum of 10 gal/A spray volume for low-volume sprayers.
- Controls crabgrass, clover, dandelion, dollar weed, foxtail, kikuyugrass, signalgrass, speedwell, torpedograss and many other grassy and broadleaf weeds.

### ACTIVE INGREDIENT

dimethylamine salt of quinclorac:  
3,7-dichloro-8-quinolinecarboxylic acid..... 18.92%\*  
\*Equivalent to: 1.5 lbs. quinclorac: 3,7-dichloro-8-quinolinecarboxylic acid per gallon (15.98% ae).

### FRAC GROUP

4 (Auxin mimics)

### USE SITES:

Residential and non-residential turf



#### HARRELL'S CORE VALUES

- Serve, Honor, and Glorify God
- Take Care of People
- Grow Our Financial Strength

#### HARRELL'S FOUR PILLARS

- Humility
- Gratitude
- Intentionality
- Accountability



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