Golf Turf Product Guide

We are committed to delivering an exceptional portfolio of pest management solutions for golf turf managers. Our insecticide, herbicide, fungicide, and plant growth regulator solutions deliver results that help ensure your long-term success.
In partnership with GCSAA’s philanthropic organization, the Environmental Institute for Golf, we’re launching the EXCEL Leadership Program. EXCEL provides leadership training in career, community, and industry stewardship to support future leaders in the golf course management industry.

**Investing in future leaders today is just one way we can grow a better tomorrow.**
### 4-Speed® XT

**Key Features**

- Combines 4 tough herbicides to deliver effective post-emergence control of broadleaf weeds in as little as 24 to 48 hours.
- Now available as a low odor formulation.

**Key Uses**

- Lawns, parks, cemeteries, athletic fields, golf courses (fairways, aprons, tees and rough), sod farms.

**Rate**

- **Rate / 1000 sq ft**: 1.1 – 1.5 fl oz
  - (Bahiagrass, bluegrass, common bermudagrass, fescue, ryegrass, zoysiagrass)

**EPA Reg. No.**

- 228-590

**HRAC No.**

- 4 & 14

**Active Ingr.**

- 2,4-D (41.92%), fluroxypyr (4.17%), dicamba (3.46%), pyraflufenethyl (0.067%)

**Formulation**

- Liquid

**Chem. Family**

- Phenoxycarboxylic acid, pyridines, phenoxy, benzoic acid, phenylpyrazole

**Signal Word**

- Caution

**Package Size**

- 10 x 1.25 oz

### Celero®

**Key Features**

- Celero® Herbicide delivers selective, post-emergence control of sedges including kyllinga. Celero contains imazosulfuron, a systemic sulfonyleurea (SU) herbicide that translocates down to the roots for superior sedge control.
- Plus, it’s labeled for both broadcast and spot treatment in cool- and warm-season turf.

**Key Uses**

- Established residential and commercial turf sites (including lawns, athletic fields, cemeteries, parks, golf courses).

**Rate**

- **Rate / acre**: 8.0 – 14.0 oz

**EPA Reg. No.**

- 59639-155

**HRAC No.**

- 2

**Active Ingr.**

- Imazosulfuron (75%)

**Formulation**

- Water dispersible granule

**Chem. Family**

- Sulfonyleurea

**Signal Word**

- Caution

**Package Size**

- 4 x 1 lb case

### Certainty®

**Key Features**

- Now from Nufarm, Certainty® promises proven selective, post-emerge weed control in warm-season turf and ornamentals. Plus, it’s formulated with unique activity for flexible and safe control to almost all warm-season turfgrasses.

**Key Uses**

- Residential and commercial turf sites (including lawns, athletic fields, cemeteries, parks, sod farms, fairways, tees and rough).

**Rate**

- **Rate / Acre**: 0.75 – 2.0 oz

**EPA Reg. No.**

- 524-534

**HRAC No.**

- 2

**Active Ingr.**

- Sulfosulfuron (75%)

**Formulation**

- Water dispersible granule

**Chem. Family**

- Sulfonyleurea

**Signal Word**

- Caution

**Package Size**

- 10 x 1.25 oz

### Change Up™

**Key Features**

- Change Up™ premium selective herbicide combines three powerful ingredients to control more than 200 broadleaf weeds in many cool- and warm-season turf species. It works quickly to strike out weeds and help reduce callbacks.

**Key Uses**

- Ornamental turf lawns, golf course turf (fairways, aprons, tees* and rough), parks, cemeteries and athletic fields, roadsides, rights-of-way, non-crop areas, sod farms

*excluding bentgrass tees

**Rate**

- **Rate / 1000 sq ft**: 0.91 – 1.29 fl oz

**EPA Reg. No.**

- 228-445

**HRAC No.**

- 4

**Active Ingr.**

- MCPA (41.68%), Butoxyprop (4.17%), dicamba (4.17%)

**Formulation**

- Liquid

**Chem. Family**

- Phenoxy carboxylic acid, pyridines, benzoic acids

**Signal Word**

- Warning

**Package Size**

- 2 x 2.5 gal
ENVOY PLUS®
Envoy Plus® delivers consistent post-emergent control of troublesome annual and perennial grasses. Plus, it has an excellent plant safety profile. Envoy Plus can be applied over-the-top to garden flowers and foliage plants as well as around ornamental trees to control grasses at heights up to 24 inches.

**KEY USES**
Conifer trees, garden flowers and plants, groundcovers, ornamental trees and shrubs

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COOL POWER®
Cool Power® delivers consistent post-emergent control of troublesome annual and perennial grasses. Plus, it has an excellent plant safety profile. Cool Power® can be applied over-the-top to garden flowers and foliage plants as well as around ornamental trees to control grasses at heights up to 24 inches.

**KEY USES**
Golf courses (fairways, aprons, tees and rough), turf, lawns, parks, cemeteries, non-crop areas

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HORSEPOWER®
Horsepower® is a three-way, selective post-emergence herbicide that controls a wide range of broadleaf weeds without 2,4-D.

**KEY USES**
Lawns (residential, industrial and institutional), parks, cemeteries, athletic fields, golf courses (fairways, aprons, tees* and rough), sod farms

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ESCALADE®
Escalade® 2 combines three powerful active ingredients to quickly control more than 240 broadleaf weeds.

**KEY USES**
Lawns, parks, cemeteries, athletic fields, golf courses (fairways, aprons, tees and rough), sod farms

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LAST CALL™
Last Call™ is a Nufarm exclusive, premium selective herbicide for cool-season turf and Zoysiagrass weed management. Controls mid-tiller crabgrass.

**KEY USES**
Athletic fields, golf course fairways and rough, residential and commercial lawns

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ENVOY PLUS®
This guide is intended to provide a product overview. See product labels for complete details and labeled use listing.
Manor®
Manor® is a highly selective premium post-emergence herbicide for effective control of grassy and broadleaf weeds in turfgrass.

**KEY USES**
- Golf courses (fairways, aprons, tees and rough), sod farms, lawns, parks, cemeteries, non-crop areas

**EPA REG. NO.** 228-373  
**HRAC NO.** 2  
**ACTIVE INGR.** metsulfuron methyl (60.0%)  
**FORMULATION** water-soluble granule  
**CHEM. FAMILY** sulfonylurea  
**SIGNAL WORD** caution  
**PACKAGE SIZE** 4 x 4 x 2 oz bottle per case

**KEY WEEDS CONTROLLED**
- Key weeds: Bahiagrass, clover, dandelion, dollarweed, foxtail, oxalis, ryegrass, spurge (see label for complete list)

**RATE**  
- 0.003 – 0.02 oz / 1000 SQ FT

Millennium Ultra™
Count on Millennium Ultra 2 to deliver ultra weed control. This premium post-emergence herbicide’s unique formulation of 2,4-D, clopyralid and dicamba is one of the most effective formulations for broad-spectrum weed control available in the market today.

**KEY USES**
- Non-residential lawns, parks, cemeteries, athletic fields, golf courses (fairways, aprons, tees and rough)

**EPA REG. NO.** 228-332  
**HRAC NO.** 4  
**ACTIVE INGR.** 2,4-D (37.32%), clopyralid (2.54%), dicamba (4.65%)  
**FORMULATION** liquid  
**CHEM. FAMILY** phenoxy,
- benzoic,
- quinoline acid

**SIGNAL WORD** danger  
**PACKAGE SIZE** 2 x 2.5 gal, 30 gal

**KEY WEEDS CONTROLLED**
- Key weeds: Chickweed, clover, nutgrass, yellow nutgrass (see label for complete list)

**RATE**  
- Consult label / 1000 SQ FT

Nufarm Prosedge™
Nufarm Prosedge™ 2 offers excellent selective control of yellow and purple nutgrass in turf and around woody ornamentals in landscaped areas.

**KEY USES**
- Turfgrasses (established lawns, ornamental turfgrass, landscaped areas, commercial and residential turfgrass), non-crop sites (including airports, cemeteries, fallow areas, golf courses, landscaped areas, public recreation areas, rights-of-way, etc.)

**EPA REG. NO.** 228-178  
**HRAC NO.** 4  
**ACTIVE INGR.** 2,4-D (16.3%), mecoprop-p (8.2%), dichlorprop-p (8.1%)  
**FORMULATION** liquid  
**CHEM. FAMILY** phenoxy  
**SIGNAL WORD** danger  
**PACKAGE SIZE** 2 x 2.5 gal

**KEY WEEDS CONTROLLED**
- Key weeds: Chickweed, clover, nutgrass, yellow nutgrass (see label for complete list)

**RATE**  
- Consult label / 1000 SQ FT

Quincept®
Quincept® herbicide combines the ideal ratio of active ingredients to deliver unbeatable results on crabgrass and other annual grass weeds and more than 200 broadleaf weeds.

**KEY USES**
- Residential and non-residential turfgrasses (grounds or lawns around residential and commercial establishments, parks, airports, roadsides, schools, picnic grounds, athletic fields, cemeteries, golf courses and sod farms)

**EPA REG. NO.** 228-531  
**HRAC NO.** 4  
**ACTIVE INGR.** 2,4-D (13.24%), quinclorac (8.25%), dicamba (1.38%)  
**FORMULATION** liquid  
**CHEM. FAMILY** phenoxy, benzoic, quinoline  
**SIGNAL WORD** caution  
**PACKAGE SIZE** 8 x 64 oz, 2 x 2.5 gal, 30 gal

**KEY WEEDS CONTROLLED**
- Key weeds: Chickweed, dandelion, oxalis, spurge, thistle, wood sorrel (see label for complete list)

**RATE**  
- 2.57 – 2.94 fl oz / 1000 SQ FT

Triamine®
Triamine® is a liquid three-way amine formulation that controls a wide range of broadleaf weeds.

**KEY USES**
- Turfgrasses (established lawns, ornamental turfgrass, landscaped areas, commercial and residential turfgrass), golf course (fairways and rough)

**EPA REG. NO.** 228-178  
**HRAC NO.** 4  
**ACTIVE INGR.** 2,4-D (16.3%), mecoprop-p (8.2%), dichlorprop-p (8.1%)  
**FORMULATION** liquid  
**CHEM. FAMILY** phenoxy  
**SIGNAL WORD** danger  
**PACKAGE SIZE** 2 x 2.5 gal

**KEY WEEDS CONTROLLED**
- Key weeds: Chickweed, dandelion, oxalis, plantain, spurge (see label for complete list)

**RATE**  
- Consult label / 1000 SQ FT
**Triplet Low Odor**

**Triplet Low Odor**
Triplet Low Odor is a liquid post-emergence herbicide that uses a unique formulation of 2,4-D to selectively control broadleaf weeds without the initial strong odor or lingering chemical smell.

**Key Uses**
Ornamental turf lawns (residential, industrial and institutional), parks, cemeteries, athletic and sports fields, golf courses (fairways, aprons, tees and rough), non-turf areas (roadsides and rights-of-ways), sod farms

**Key Weeds Controlled**
Black medic, buckhorn, clover, dandelion, knotweed, lespedeza, pigweed, plantain, spurge, wild garlic, yarrow (see label for complete list)

**Rate / 1000 sq ft**
0.67 – 1.5 fl oz

**EPA Reg. No.**
228-409

**HRAC No.**
4

**Active Ingr.**
2,4-D TIPA (47.33%), mecoprop-p (8.17%), dicamba (2.3%)

**Formulation**
Liquid

**Chem. Family**
Phenoxy, benzoic acid

**Signal Word**
Danger

**Package Size**
2 x 2.5 gal, 30 gal

**Triplet SF**

**Triplet SF** includes a combination of three powerful selective herbicides that control a broad spectrum of hard-to-kill broadleaf weeds in turf.

**Key Uses**
Ornamental turf lawns (residential, industrial and institutional), parks, cemeteries, athletic fields, golf courses (fairways, aprons, tees and rough), non-turf areas (roadsides and rights-of-ways), sod farms

**Key Weeds Controlled**
Black medic, buckhorn, chickweed, clover, dandelion, lespedeza, plantain, speedwell, spurge, wild garlic, wild onion (see label for complete list)

**Rate / 1000 sq ft**
0.67 – 1.5 fl oz

**EPA Reg. No.**
228-312

**HRAC No.**
4

**Active Ingr.**
2,4-D (30.56%), mecoprop-p (8.17%), dicamba (2.77%)

**Formulation**
Liquid

**Chem. Family**
Phenoxy, benzoic acid

**Signal Word**
Danger

**Package Size**
5 x 1 gal, 2 x 2.5 gal, 30 gal, 55 gal, 250 gal tote

**Tri-Power**

**Tri-Power**
Tri-Power is a non-2,4-D liquid three-way selective herbicide that effectively controls many broadleaf weeds in ornamental lawns and turf.

**Key Uses**
Residential and non-residential lawns (military and other institutions, parks, airports, roadsides, schools, picnic grounds, athletic fields, cemeteries, and golf courses)

**Key Weeds Controlled**
Chickweed, clover, dandelion, oxalis, plantain (see label for complete list)

**Rate / 1000 sq ft**
0.7 – 1.5 fl oz

**EPA Reg. No.**
228-262

**HRAC No.**
4

**Active Ingr.**
MCPA (40.42%), MCPP-p (7.99%), dicamba (3.97%)

**Formulation**
Liquid

**Chem. Family**
Phenoxy, benzoic acid

**Signal Word**
Danger

**Package Size**
2 x 2.5 gal, 30 gal

**BroadStar**

**BroadStar**
BroadStar is a pre-emerge granular herbicide that controls a wide range of broadleaf and grassy weeds with long residual control.

**Key Uses**
Commercial and residential landscapes, container and field grown ornamentals, non-bearing fruit and nut trees and vines, non-crop areas in apartment complexes, parks, recreational areas, sidewalks, golf courses and other similar sites

**Key Weeds Controlled**
Bittercress, chickweed, common groundsel, liverwort, oxalis, spurge (see label for complete list)

**Rate / 1000 sq ft**
3.5 lb

**Rate / Acre**
150.0 lb

**EPA Reg. No.**
59639-128

**HRAC No.**
14

**Active Ingr.**
Flumioxazin (0.25%)

**Formulation**
Granule

**Chem. Family**
N-phenylphthalimide

**Signal Word**
Caution

**Package Size**
50 lb bag

**Nufarm Double O™ SPC**

**Double O SPC**
Keep landscape ornamentals free from a broad range of weeds for up to three months with this low-odor and low-dust granular formulation.

**Key Uses**
Landscape ornamentals, field grown ornamentals and labeled Christmas trees, cut flower, foliage crops

**Key Weeds Controlled**
Chickweed, clover, crabgrass, dandelion, groundsel, lambsquarters, oxalis, pigweed, shepherd’s purse, spurge (see label for complete list)

**Rate / 1000 sq ft**
2.3 lb

**Rate / Acre**
100.0 lb

**EPA Reg. No.**
228-632

**HRAC No.**
3 & 14

**Active Ingr.**
Oxyfluorfen (2%), oryzalin (1.0%)

**Formulation**
Granule

**Chem. Family**
Diphenylether, dinitroaniline

**Signal Word**
Caution

**Package Size**
50 lb bag
SUREGUARD®
SureGuard® pre-emerge sprayable herbicide controls a broad spectrum of broadleaf and grassy weeds with the longest residual activity available.

KEY USES
Commercial and residential landscapes, container and field grown ornamentals, dormant bermudagrass, non-bearing fruit and nut trees and vines, non-crop areas and around buildings, fencerows, gravel surfaces, driveways, ground mats and other similar sites

SUREGUARD® SC
SureGuard® SC delivers the same lasting residual control as SureGuard® in a new convenient liquid formulation. Plus, it enhances the speed and spectrum of glyphosate when used as a tank mix partner, even on resistant weeds.

KEY USES
Aquatic, bareground, commercial and residential landscapes, dormant bermudagrass, non-bearing fruit and nut trees and vines, non-crop areas and around buildings, fencerows, gravel surfaces, driveways, ground mats and other similar sites

NOTES
NON-SELECTIVE HERBICIDE SOLUTIONS

**PRODeuce**

**PRODeuce**
Eliminates existing weeds and prevents new growth in cracks and crevices, along fences and foundations and throughout gravel areas. Can also be used on tree rings.

**KEY USES**
On cracks and crevices (driveways, sidewalks, walkways, patios, along fences, foundations, curbs, retaining walls and edges of lawns, mulched beds of well-established plants, shrubs or trees, and gravel areas)

**KEY WEEDS CONTROLLED**
PRE: Chickweed, crabgrass, goosegrass, *Poa annua*, purslane, woodsorrel
POST: More than 50 annual weeds and more than 60 perennial weeds (see label for complete list)

**RATE / 1000 SQ FT**
3.0 – 5.75 fl oz

**EPA REG. NO.** 228-509
**HRAC NO.** 3 & 9
**ACTIVE INGR.** glyphosate (40.15%), prodiamine (7.51%)
**FORMULATION** liquid
**CHEM. FAMILY** glycine derivative, dinitroaniline
**SIGNAL WORD** caution
**PACKAGE SIZE** 8 x 64 oz squeeze-and-pour, 4 x 1 gal, 2 x 2.5 gal

**Razor Burn**

**Razor Burn**
Razor Burn® non-selective post-emergence herbicide combines the fast contact activity of diquat with the systemic control of glyphosate in one high-performance liquid formulation.

**KEY USES**
General non-crop areas and industrial sites, dormant turfgrass, turfgrass renovation (except for commercial sod farms), parks, recreational and residential areas

**KEY WEEDS CONTROLLED**
Many annual and perennial weeds and woody brush (see label for complete list)

**RATE**
Consult label

**EPA REG. NO.** 228-366
**HRAC NO.** 9 & 22
**ACTIVE INGR.** glyphosate (41.0%), diquat dibromide (2.1%)
**FORMULATION** liquid
**CHEM. FAMILY** glycine derivative, bipyridylium
**SIGNAL WORD** caution
**PACKAGE SIZE** 8 x 64 oz squeeze-and-pour, 4 x 1 gal

**Razor Pro**

**Razor Pro**
This fully-loaded glyphosate formulation offers non-selective weed control in a broad range of settings.

**KEY USES**
Industrial sites, forestry, turf, vegetation management, ornamental weed control

**KEY WEEDS CONTROLLED**
Many annual and perennial weeds and woody brush (see label for complete list)

**RATE**
Consult label

**EPA REG. NO.** 228-366
**HRAC NO.** 9
**ACTIVE INGR.** glyphosate (41.0%)
**FORMULATION** liquid
**CHEM. FAMILY** glycine derivative
**SIGNAL WORD** caution
**PACKAGE SIZE** 5 x 1 gal, 2 x 2.5 gal, 30 gal, 250 gal
**AQUANEAT™**

Controls nearly 200 species of emerged weeds, including a wide range of broadleaf weeds, sedges and grasses, in and around flowing or stagnant fresh water and estuaries or brackish water.

**KEY USES**
Aquatic sites (industrial, recreational and public areas), wildlife habitat restoration and management areas

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**AquaSweep™**

The first liquid premix with full terrestrial and aquatic uses. Offers outstanding control of invasive and noxious weeds and brush.

**KEY USES**
Aquatic sites (industrial, recreational and public areas), golf courses, sod farms

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**Nufarm Diquat SPC 2L**

Nufarm Diquat SPC 2L herbicide provides non-selective control of aquatic and landscape weeds on contact.

**KEY USES**
Aquatic areas (NY state requires supplemental label), dormant established turfgrass (bermudagrass, zoysiagrass), landscape (industrial, recreational, commercial, residential), turf renovation (except commercial sod farms)

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**SureGuard® SC**

SureGuard® SC delivers the same lasting residual control as SureGuard® in a new convenient liquid formulation. Plus, it enhances the speed and spectrum of glyphosate when used as a tank mix partner, even on resistant weeds.

**KEY USES**
Aquatic, bareground, commercial and residential landscapes, dormant bermudagrass, non-bearing fruit and nut trees and vines, non-crop areas and around buildings, fencerows, gravel surfaces, driveways, ground mats and other similar sites
**INSECTICIDE SOLUTIONS**

### Aloft GC

**ALOFT GC**

With preventive and curative control, one application of Aloft Insecticide effectively combats insects. Prevent troublesome surface- and soil-feeding turf pests – including white grubs – or knock down existing adult and surface feeding pests.

**KEY USES**

Airports, arboretums and non-production greenhouses, athletic fields, business and industrial complexes, cemeteries, sod farms (Aloft GC G only), golf courses, recreation areas, residences

Aloft GC G & SC Insecticide is an EPA Restricted-Use Pesticide. Always read and follow label directions.

**KEY PESTS CONTROLLED**

Annual bluegrass weevil (adult & larvae), armyworms, billbugs, black turfgrass Ataenius, chinch bugs, cutworms, European crane fly, grasshoppers, leafhoppers, mole crickets, pillbugs, red imported fire ants (Aloft GC SC only), sod webworms, sowbugs, spittle bug, sugarcane grub, white grubs (see label for complete list)

**RATE / 1,000 SQ FT**

<table>
<thead>
<tr>
<th>FORMULATION</th>
<th>GC G</th>
<th>GC SC</th>
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</thead>
<tbody>
<tr>
<td>RATE / ACRE</td>
<td>1.8 – 3.6 lbs</td>
<td>0.27 – 0.54 fl oz</td>
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<tr>
<td>(0.46 fl oz for red imported fire ant control, 0.33 fl oz for suppression)</td>
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</tbody>
</table>

**EPA REG. NO.**

G / SC 59639-214 / 59639-212

**ACTIVE INGR.**

gclothianidin (.25%), bifenthrin (.125%)

**FORMULATION**

G / SC granular / suspension concentrate

**CHEM. FAMILY**

neonicotinoid, pyrethroid

**SIGNAL WORD**

caution / warning

**IRAC NO.**

3 & 4A

**PACKAGE SIZE**

G / SC 30 lb bag / 4 x 64 fl oz case

* Not registered in New York

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### Aloft LC

**ALOFT LC**

With preventive and curative control, one application of Aloft Insecticide effectively combats insect pests. Prevent troublesome surface- and soil-feeding turf pests – including white grubs – with a single early treatment or knock down existing adult and surface feeding pests.

**KEY USES**

Airports, arboretums and non-production greenhouses, athletic fields, business and industrial complexes, cemeteries, industrial complexes, recreation areas, residences

**KEY PESTS CONTROLLED**

Annual bluegrass weevil (adult & larvae), armyworms, billbugs, black turfgrass Ataenius, chinch bugs, cutworms, European crane fly, grasshoppers, leafhoppers, mole crickets, pillbugs, red imported fire ants (Aloft LC SC only), sod webworms, sowbugs, spittle bug, sugarcane grub, white grubs (see label for complete list)

**RATE / 1,000 SQ FT**

<table>
<thead>
<tr>
<th>FORMULATION</th>
<th>LC G</th>
<th>LC SC</th>
</tr>
</thead>
<tbody>
<tr>
<td>RATE / ACRE</td>
<td>1.8 – 3.6 lbs</td>
<td>0.27 – 0.54 fl oz</td>
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</tbody>
</table>

**EPA REG. NO.**

G / SC 66330-3681 / 66330-366

**ACTIVE INGR.**

gclothianidin (.25%), bifenthrin (.125%)

**FORMULATION**

G / SC granular / suspension concentrate

**CHEM. FAMILY**

neonicotinoid, pyrethroid

**SIGNAL WORD**

caution / warning

**IRAC NO.**

3 & 4A

**PACKAGE SIZE**

G / SC 30 lb bag / 4 x 64 fl oz case

* Not registered in New York

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### Arena 0.25 G

**ARENA 0.25 G**

Arena 0.25 G provides preventive and curative activity for outstanding control of chinch bugs, white grubs and a broad spectrum of other turf and ornamental pests with proven residual performance. Arena 0.25 G is ideal for broadcast spread application.

**KEY USES**

Commercial and residential turf and landscape ornamentals, golf courses, interior plantscapes, non-bearing fruit and nut trees, recreational areas, sod farms

**KEY PESTS CONTROLLED**

Annual bluegrass weevil (larval stages), billbugs, chinch bugs (including pyrethroid-resistant), cutworms, nuisance ants, sod webworms, white grubs (see label for complete list)

**RATE / ACRE**

80.0 – 160.0 lb (turf)

**EPA REG. NO.**

59639-157

**ACTIVE INGR.**

gclothianidin (.25%)

**FORMULATION**

granules

**CHEM. FAMILY**

neonicotinoid

**SIGNAL WORD**

cautions

**PACKAGE SIZE**

30 lb bag

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### Arena 50 WDG

**ARENA 50 WDG**

Arena 50 WDG delivers proven preventive and curative control of chinch bugs, white grubs and a broad spectrum of other turf and ornamental pests with proven residual performance. Arena 50 WDG is ideal for foliar and soil application methods.

**KEY USES**

Commercial and residential turf and landscape ornamentals, golf courses, interior plantscapes, non-bearing fruit and nut trees, recreational areas, sod farms

**KEY PESTS CONTROLLED**

Annual bluegrass weevil (larval stages), billbugs, chinch bugs (including pyrethroid-resistant), cutworms, nuisance ants, sod webworms, white grubs (see label for complete list)

**RATE / ACRE**

6.4 – 12.8 oz (turf)

**EPA REG. NO.**

59639-152

**ACTIVE INGR.**

gclothianidin (50%)

**FORMULATION**

water-dispersible granule

**CHEM. FAMILY**

neonicotinoid

**SIGNAL WORD**

cautions

**PACKAGE SIZE**

4 x 40 oz bottle

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This guide is intended to provide a product overview. See product labels for complete details and labeled use listing.
### Nufarm Chlorpyrifos SPC 4
**NUFARM CHLORPYRIFOS SPC 4**
Achieve consistent, proven control of more than 200 destructive pests with Nufarm Chlorpyrifos SPC 4.

**KEY USES**
Turf and other non-residential outdoor uses, ornamentals

**EPA REG. NO.** 228-624  IRAC NO. 1B
**ACTIVE INGR.** chlorpyrifos (44.7%)
**FORMULATION** liquid
**CHEM. FAMILY** organophosphate
**SIGNAL WORD** warning
**PACKAGE SIZE** 2 x 2.5 gal

**Nufarm Chlorpyrifos SPC 4 Insecticide is an EPA Restricted-Use Pesticide. Always read and follow label directions.**

### DiPel® PRO DF
**DIPEL® PRO DF**
The most widely used biological insecticide in the world, DiPel® PRO DF delivers outstanding worm control while being friendly to workers, the environment, and beneficial insects (OMRI® Listed for organic production).

**KEY USES**
Turf, landscape ornamentals

**EPA REG. NO.** 73049-39  IRAC NO. 11A
**ACTIVE INGR.** bacillus thuringiensis (54%)
**FORMULATION** dry flowable
**CHEM. FAMILY** biological
**SIGNAL WORD** caution
**PACKAGE SIZE** 30 x 1 lb case

### Distance®
**DISTANCE® IGR**
Distance® IGR breaks the life cycle of whiteflies, fungus gnats and other insects, providing LCOs with a resistance management tool that effectively controls harmful insects.

**KEY USES**
Greenhouse and outdoor ornamentals, groundcovers, non-bearing fruit trees, shrubs and ornamental trees

**EPA REG. NO.** 59639-96  IRAC NO. 7D
**ACTIVE INGR.** pyriproxyfen (11.23%)
**FORMULATION** liquid
**CHEM. FAMILY** juvenile hormone mimic
**SIGNAL WORD** caution
**PACKAGE SIZE** 4 x 1 qt tip-n-pour

### Mallet 0.5 G
**MALLET® 0.5 G**
Mallet® 0.5G protects the health of turf and ornamentals with systemic activity, providing long-lasting grub and insect control with preventive and curative properties.

**KEY USES**
Turf, landscape ornamentals (trees, shrubs, evergreens, flowers, foliage, bedding plants, and groundcovers)

**EPA REG. NO.** 228-501  IRAC NO. 4A
**ACTIVE INGR.** imidacloprid (0.5%)
**FORMULATION** granular
**CHEM. FAMILY** neonicotinoid
**SIGNAL WORD** caution
**PACKAGE SIZE** 30 lb bag

### Mallet 2F T&O
**MALLET® 2F T&O**
Mallet® 2F T&O offers quick knockdown, residual control, low use rates and an easy-mixing formulation.

**KEY USES**
Turf (including golf courses and sod farms), landscape ornamentals (trees, shrubs), interior plantscapes, fruit and nut trees

**EPA REG. NO.** 228-695  IRAC NO. 4A
**ACTIVE INGR.** imidacloprid (21.4%)
**FORMULATION** liquid
**CHEM. FAMILY** neonicotinoid
**SIGNAL WORD** caution
**PACKAGE SIZE** 4 x 1 gal, 2 x 2.5 gal
**Mallet® 75 WSP**

**KEY PESTS CONTROLLED**
Annual bluegrass weevils, ataenius, aphids, beetles, billbugs, borers, lacebugs, leafminers, mealybugs, mole crickets, psyllids, soft scales, thrips, weevils, white grubs, whiteflies. (see label for complete list)

**RATE**
Consult label

**EPA REG. NO.** 228-588  
**IRAC NO.** 4A

**ACTIVE INGR.** imidacloprid (75.0%)

**FORMULATION** water-soluble powder

**CHEM. FAMILY** neonicotinoid

**SIGNAL WORD** caution

**PACKAGE SIZE** 48 x 1.6 wt oz, 4 x 4 x 1.6 oz

---

**Minx™ 2**

**KEY PESTS CONTROLLED**
Aphids, leafminers, mites, thrips, whiteflies. (see label for complete list)

**RATE / 100 GAL** 4.0 – 8.0 fl oz

**EPA REG. NO.** 228-736  
**IRAC NO.** 6

**ACTIVE INGR.** abamectin (2.0%)

**FORMULATION** emulsifiable microemulsion

**CHEM. FAMILY** avermectin

**SIGNAL WORD** caution

**PACKAGE SIZE** 4 x 1 qt, 4 x 1 gal

---

**Safari®**

**SAFARI® 20 SG**
Safari® 20 SG is a super-systemic insecticide that quickly knocks down a broad spectrum of ornamental pests with long-lasting control.

**KEY USES**
Interior plantscapes, landscape ornamentals (commercial, industrial, recreational, and residential), non-bearing tree fruit, nut, and vines

**KEY PESTS CONTROLLED**
Adelgids, aphids, armored and soft scales, emerald ash borers, flatheaded borers, leaf beetles, leafhoppers, leafminers, mealybugs, root weevils, roundheaded borers, whiteflies (including Q- and B-biotype). (see label for complete list)

**RATE / 100 GAL** 4.0 - 8.0 oz (spray)  
**RATE / 10" TRUNK DIA.** 1.0 - 4.2 oz (soil)  
**RATE / 1' HEIGHT** 1.0 - 2.1 oz (soil)  
**RATE / 1' HEIGHT** 12.0 - 24.0 oz (basal trunk spray)

**EPA REG. NO.** 86203-11-59639  
**IRAC NO.** 4A

**ACTIVE INGR.** dinotefuran (20%)

**FORMULATION** water-soluble granule

**CHEM. FAMILY** neonicotinoid

**SIGNAL WORD** caution

**PACKAGE SIZE** 16 x 12 oz bottle, 4 x 3 lb bottle

---

**Tame®**

**TAME® 2.4 EC SPRAY**
Tame® delivers broad-spectrum knockdown of numerous insect/mite pest problems and is an excellent tank mix partner.

**KEY USES**
Indoor and outdoor ornamental and nursery plantings

**KEY PESTS CONTROLLED**
Aphids, glassy-winged sharpshooters, mites, scales, whiteflies. (see label for complete list)

**RATE / 100 GAL** 5.33 - 16.0 fl oz

**EPA REG. NO.** 59639-77  
**IRAC NO.** 3

**ACTIVE INGR.** fenpropathrin (30.9%)

**FORMULATION** liquid

**CHEM. FAMILY** pyrethroid

**SIGNAL WORD** warning

**PACKAGE SIZE** 12 x 1 qt

---

**TetraSan®**

**TETRASAN® 5 WDG**
With excellent translaminar movement and outstanding residual activity, TetraSan® affects spider mites at all life stages without harming most beneficial insects.

**KEY USES**
Greenhouse, landscape, nursery

**KEY PESTS CONTROLLED**
Spider mites including: citrus red mites, European red mites, lewis spider mites, Pacific spider mites, southern red mites, spruce spider mites, two-spotted spider mites. (see label for complete list)

**RATE / 100 GAL** 8.0 – 16.0 oz

**EPA REG. NO.** 59639-108  
**IRAC NO.** 10B

**ACTIVE INGR.** etoxazole (5%)

**FORMULATION** water-dispersible granule

**CHEM. FAMILY** unclassified

**SIGNAL WORD** caution

**PACKAGE SIZE** 8 x 8 x 2 oz water soluble bag

---

**Minx™ 2 Insecticide delivers quick and easy broad-spectrum mite and leafminer control in a new low volatile organic compound (VOC), water-based formula. It also works to suppress aphids, whiteflies and thrips. Compared to many other abamectin products, Minx 2 offers added application flexibility and applicator comfort.**

**Safari® 20 SG is a super-systemic insecticide that quickly knocks down a broad spectrum of ornamental pests with long-lasting control.**

**Tame® 2.4 EC Spray Insecticide is an EPA Restricted Use Pesticide. Always read and follow label directions.**
TriStar® 8.5 SL provides excellent, proven control of a wide range of outdoor ornamental insect pests.

**KEY USES**
Landscape ornamentals

**KEY PESTS CONTROLLED**
Adelgids, aphids, citrus thrips, crane fly larvae, European pine sawflies, hard and soft scales, leaf eating beetles, leafhoppers, leafminers, mealybugs, plant bugs, psyllids, strawberry weevils, thrips, whiteflies (see label for complete list)

**RATE / 100 GAL**
4.0 – 25.3 fl oz

**EPA REG. NO.**
8033-106-1001

**IRAC NO.**
4A

**ACTIVE INGR.**
acetamiprid (8.5%)

**FORMULATION**
soluble liquid

**CHEM. FAMILY**
neonicotinoid

**SIGNAL WORD**
caution

**PACKAGE SIZE**
8 x 4 oz tip-n-pour, 4 x 1 qt, 4 x 1 gal
**KEY PERFORMANCE BENEFITS**
- Reduces mowing frequency and clippings
- Improves turf quality, density and appearance
- Longer plant activity supports consistent growth management
- Does not require iron or masking agents
- Low use rates in convenient packaging (see label for complete list)

**RATE**
- Consult label

**ANUEW™**

Anuew™ is a new and unique growth regulator for cool- and warm-season turf management. It contains prohexadione calcium that can be applied to managed turf areas. And, it’s the first EPA approved label with Growing Degree Day (GDD) application instructions.

**KEY USES**
- Golf course turf, parks and cemeteries, residential and commercial lawns, sod farms, sports fields

**EPA REG. NO.** 1001-91
**ACTIVE INGR.** prohexadione calcium (27.5%)
**FORMULATION** extruded granule
**CHEM. FAMILY** acylcyclohexadiones
**SIGNAL WORD** caution
**PACKAGE SIZE** 4 x 4 x 1.5 lb resealable pouch

---

**PLANT GROWTH REGULATOR SOLUTIONS**

**ANUEW™**

**REALIZE ANUEW™ SUCCESS**

**EXTENDED CONTROL**

ANUEW™ DELIVERS LONGER GROWTH REGULATIONS THAN PRIMO MAXX® ON CREEPING BENTGRASS GREENS

![](chart.png)

Kreuser | University of Nebraska-Lincoln 2015 | Creeping Bentgrass Greens

©2018 Nufarm. Important: Always read and follow label instructions.

Anuew™ is a trademark of Nufarm. PRIMO MAXX® is a trademark of a Syngenta Group Company.
## Fungicide Solutions

### 26/36®

**26/36**
Incorporating 26/36 fungicide into an integrated disease management program provides effective control of key diseases of turfgrass and ornamentals.

**KEY USES**
Turfgrass, ornamentals growing in golf courses, sod farms, institutional areas

<table>
<thead>
<tr>
<th>KEY DISEASES CONTROLLED</th>
<th>RATE / 1000 SQ FT</th>
<th>RATE / ACRE</th>
<th>RATE / 100 GAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthracnose, Ascochyta leaf blight, brown patch, copper spot, Corticium red thread, dollar spot, Fusarium patch, gray snow mold, leaf spot, pink snow mold, zoysia patch (see label for complete list)</td>
<td>2.0 – 8.0 oz (turf)</td>
<td>33.0 – 84.0 oz (orn)</td>
<td>13.5 – 66.0 fl oz (spray)</td>
</tr>
</tbody>
</table>

### 3336® DG Lite

**3336® DG LITE**
3336® DG Lite is formulated with patented granular dispersing technology. Following spreader application, particles quickly disperse upon contact with moisture for improved penetration into the root zone.

**KEY USES**
Turfgrass, annual and perennial flowers, bedding and foliage plants, groundcovers, deciduous and evergreens, commercial, residential, golf courses (fairways, greens, tees), athletic fields, parks

<table>
<thead>
<tr>
<th>KEY DISEASES CONTROLLED</th>
<th>RATE / 1000 SQ FT</th>
<th>RATE / ACRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthracnose, cool-season brown patch, dollar spot, Fusarium blight/patch, gray leaf spot, large brown patch, leaf spot, nectric ring spot, pink snow mold, red thread, spring dead spot, zoysia patch (see label for complete list)</td>
<td>1.5 – 9.0 lb (turf)</td>
<td>22.0 – 30.0 lb (orn)</td>
</tr>
</tbody>
</table>

### 3336® EG

**3336® EG**
3336® EG combines the power of thiophanate-methyl with the convenience of a low-dust extruded granule. It extends many benefits to the user including easy measuring and mixing – which allows for spray program customization.

**KEY USES**
Turfgrass, annual and perennial flowers, bedding and foliage plants, groundcovers, deciduous and evergreens, commercial, residential, golf courses (fairways, greens, tees), athletic fields, parks

<table>
<thead>
<tr>
<th>KEY DISEASES CONTROLLED</th>
<th>RATE / 1000 SQ FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthracnose, dollar spot, Fusarium patch, large brown patch, leaf spot, pink snow mold, red thread, rusts, stripe smut, summer patch, take-all patch, zoysia patch (see label for complete list)</td>
<td>2.0 – 6.0 oz</td>
</tr>
</tbody>
</table>

### 3336® F

**3336® F**
3336® F is a broad-spectrum fungicide with preventive and curative properties. Its systemic mode of action is particularly effective on a wide range of diseases in turf and ornamental settings.

**KEY USES**
Turfgrass, annual and perennial flowers, bedding and foliage plants, groundcovers, deciduous and evergreens, commercial, residential, golf courses (fairways, greens, tees), athletic fields, parks

<table>
<thead>
<tr>
<th>KEY DISEASES CONTROLLED</th>
<th>RATE / 1000 SQ FT</th>
<th>RATE / 100 GAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anthracnose, cankers, diebacks, dollar spot, Fusarium blight/patch, large brown patch, pink snow mold, powdery mildew, red thread, rusts, spring dead spot, stripe smut, summer patch, zoysia patch (see label for complete list)</td>
<td>2.0 – 6.0 oz (turf)</td>
<td>8.0 – 24.0 oz (orn)</td>
</tr>
</tbody>
</table>

### 26/36®

**EPA REG. NO.** 228-430  **FRAC NO.** 1 & 2
**ACTIVE INGR.** iprodione (19.65%), thiophanate-methyl (19.65%)
**FORMULATION** flowable
**CHEM. FAMILY** diamide, benzimidazole
**SIGNAL WORD** caution
**PACKAGE SIZE** 2 x 2.5 gal

### 3336® DG Lite

**EPA REG. NO.** 1001-70  **FRAC NO.** 1
**ACTIVE INGR.** thiophanate-methyl (2.08%)
**FORMULATION** granular
**CHEM. FAMILY** thiophanate
**SIGNAL WORD** caution
**PACKAGE SIZE** 30 lb bag

### 3336® EG

**EPA REG. NO.** 1001-89  **FRAC NO.** 1
**ACTIVE INGR.** thiophanate-methyl (50%)
**FORMULATION** extruded granule
**CHEM. FAMILY** thiophanate
**SIGNAL WORD** caution
**PACKAGE SIZE** 4 x 5 lb

### 3336® F

**EPA REG. NO.** 1001-69  **FRAC NO.** 1
**ACTIVE INGR.** thiophanate-methyl (41.25%)
**FORMULATION** flowable
**CHEM. FAMILY** benzimidazole
**SIGNAL WORD** caution
**PACKAGE SIZE** 12 x 1 qt, 2 x 2.5 gal
**Adorn®**

ADORN®

With a novel mode of action, Adorn® is an excellent addition to fungicide rotations and plays a key role in resistance management programs to defeat downy mildew, Phytophthora and Pythium.

KEY USES

Bedding and foliage plants, groundcovers, ornamentals, shrubs

**Affirm™ WDG**

AFFIRM™ WDG

Affirm™ WDG is a concentrated, easy-to-mix water dispersible granule formulation that delivers excellent disease control.

KEY USES

Cool- and warm-season turfgrass, ornamentals, turf (golf courses, sod, residential lawns, commercial and institutional grounds)

**Alude™**

ALUDE™

With true systemic mobility, Alude™ fungicide provides effective control of various plant diseases. Alude enhances plant’s natural defense mechanisms and decreases plant stress.

KEY USES

Cool- and warm-season turfgrasses, annual and perennial flowers, bedding plants, foliage plants, groundcovers, deciduous and evergreen trees and shrubs, landscape, golf courses

**Pinpoint™**

PINPOINT™ FUNGICIDE

Pinpoint™ Fungicide is formulated with a new fungicide active ingredient designed for very strong dollar spot control.

KEY USES

Golf courses, sod farms, lawns (residential, institutional, public, commercial and industrial), athletic fields, parks and recreational areas
**Protect™ DF**

**PROTECT™ DF**

Protect™ DF provides excellent control of a variety of important plant diseases. Protect is an effective resistance management tool that offers lasting protection with residual activity.

**KEY USES**

Cool- and warm-season turfgrasses, field ornamentals and shade trees, groundcovers and herbaceous plants, commercial turf, golf courses (fairways, greens, tees)

**KEY DISEASES CONTROLLED**

Algae, Alternaria, anthracnose blights, Botrytis, copper spot, damping off, dollar spot, downy mildew, Fusarium blight, leaf spot, melting out, pink snow mold, Pythium blight, red thread, slime mold (see label for complete list)

**RATE**

Consult label

**EPA REG. NO.** 1001-77  
**FRAC NO.** M3

**ACTIVE INGR.** mancozeb (75.0%)  
**FORMULATION** dry flowable

**CHEM. FAMILY** dithiocarbamate  
**SIGNAL WORD** caution

**PACKAGE SIZE** 6 x 6 lb

---

**Spectro® 90 WDG**

**SPECTRO® 90 WDG**

Spectro® 90 WDG combines two broad-spectrum fungicides to deliver contact and systemic protection. It prevents and controls disease in turf, annual and perennial flowers, as well as bedding plants, groundcovers and trees and shrubs.

**KEY USES**

Cool- and warm-season turfgrasses on golf courses, more than 110 ornamental species including: annual and perennial flowers, bedding and foliage plants, groundcovers, deciduous and evergreen trees and shrubs

**KEY DISEASES CONTROLLED**

Anthracnose, brown patch, copper spot, dollar spot, downy mildew, Fusarium blight/patch, gray leaf spot, gray snow mold, leaf spot, melting out, powdery mildew, red thread, snow mold (see label for complete list)

**RATE**

Consult label

**EPA REG. NO.** 1001-72  
**FRAC NO.** 1 & M5

**ACTIVE INGR.** chlorothalonil (72.0%), thiophanate-methyl (18.0%)  
**FORMULATION** water-dispersible granule

**CHEM. FAMILY** chloronitrile, thiophanate  
**SIGNAL WORD** danger

**PACKAGE SIZE** 4 x 5 lb, 24 lb pail

---

**Spotrete™ F**

**SPOTRETE™ F**

Spotrete™ F offers a different mode of action to battle disease resistance management issues. Labeled for cool- and warm-season turfgrass disease control.

**KEY USES**

Turfgrass, animal repellency (shrubs, ornamentals)

**KEY DISEASES CONTROLLED**

Brown patch, copper spot, dollar spot, gray snow mold, leaf spot, melting out, pink snow mold, red thread, rust (see label for complete list)

**RATE**

Consult label

**EPA REG. NO.** 45728-26-1001  
**FRAC NO.** M3

**ACTIVE INGR.** thiram (44.0%)  
**FORMULATION** flowable

**CHEM. FAMILY** dithiocarbamate  
**SIGNAL WORD** caution

**PACKAGE SIZE** 2 x 2.5 gal

---

**Stellar®**

** STELLAR®**

Stellar® is a unique fungicide premix that offers excellent control of Pythium due to its novel and synergistic mode of action.

**KEY USES**

Golf courses, sod farms

**KEY DISEASES CONTROLLED**

Pythium blight, Pythium damping off (see label for complete list)

**RATE / 1000 SQ FT** 1.2 fl oz

**EPA REG. NO.** 59639-143  
**FRAC NO.** 28 & 43

**ACTIVE INGR.** propamocarb hydrochloride (55.4%), fluopicolide (5.54%)  
**FORMULATION** liquid

**CHEM. FAMILY** pyridine, benzamide  
**SIGNAL WORD** caution

**PACKAGE SIZE** 4 x 104 oz bottle

---

**Strider™**

**STRIDER™**

Strider™ is a high quality, water-based fungicide formulation with both preventive and curative modes of action to combat more than 40 turf and ornamental diseases with excellent plant safety.

**KEY USES**

Turf, ornaments

**KEY DISEASES CONTROLLED**

Anthracnose, brown patch, Dichondra rust, dollar spot, Fusarium patch, gray leaf spot, gray snow mold, leaf spot, melting out, nectrotic ring spot, pink patch, Poa patch, powdery mildew, red thread, rust, spring dead spot, stripe smut, summer patch, take-all patch, yellow patch, zoysia patch (see label for complete list)

**RATE / 1000 SQ FT** 0.5 – 4.0 fl oz (turf)  
**RATE / 100 GAL** 2.0 – 24.0 fl oz (orn) (6 – 8 fl oz recommended for landscape orn)

**EPA REG. NO.** 228-623  
**FRAC NO.** 3

**ACTIVE INGR.** propiconazole (14.3%)  
**FORMULATION** MEC

**CHEM. FAMILY** triazole  
**SIGNAL WORD** warning

**PACKAGE SIZE** 2 x 2.5 gal

---

**RESIDENTIAL COMMERCIAL TURF LANDSCAPE ORNAMENTALS GOLF TURF PRE-EMERGE POST-EMERGE SOD FARMS AQUATIC RESTRICTED-USE**
**Torque™**

**Key Diseases Controlled**
- Anthracnose, Cercospora, powdery mildew, Rhizoctonia (see label for complete list)

**Rate**
Consult label

**Key Uses**
Commercial and residential landscapes, golf courses (greens, tees, fairways of cool- and warm-season grasses)

---

**Tourney®**

**Key Diseases Controlled**
- Anthracnose, brown patch and other patch diseases, dollar spot, fairy ring, gray leaf spot, snow mold (see label for complete list)

**Rate / 1000 SQ FT**
- 0.18 – 0.44 oz (turf)
- 2.0 – 4.0 oz (orn)

**Key Uses**
Commercial and residential landscapes, golf courses, non-bearing trees, outdoor woody ornamentals, recreational areas, sod farms

---

**Traction™**

**Key Diseases Controlled**
- Anthracnose, brown blight, brown patch, brown ring patch (Waitea), copper spot, dollar spot, Fusarium patch, gray leaf spot, gray snow mold, large patch, leaf spot (melting-out), pink patch, pink snow mold, powdery mildew, red thread, stem rust, stripe smut, Waitea patch, zoysia patch, algal scum (suppression) (see label for complete list)

**Rate / 1000 SQ FT**
- 1.3 fl oz

**Key Uses**
Cool- and warm-season golf course turf (greens, tees, fairways, aprons, rough)

---

Gain More with Traction.

Traction™ fungicide’s powerful active ingredients converge within a convenient and versatile premix. Golf course managers save time and stay in control of challenging disease, even in the summertime.

—

**Rick Fletcher**
Technical Services Manager, Nufarm Americas

“Traction combines two modes of action with two plant movement strategies for both superior broad-spectrum control and resistance management.”
<table>
<thead>
<tr>
<th>DISEASE</th>
<th>SYMPTOM</th>
<th>26/36®</th>
<th>3336 EG</th>
<th>3336 F</th>
<th>ACTINOMATE®</th>
<th>3336 DG LITE</th>
<th>ALUDE™</th>
<th>AFFIRM™</th>
<th>PINPOINT™</th>
<th>PROTECT® DF</th>
<th>SPECTRO® 90</th>
<th>STELLAR®</th>
<th>STRIDER®</th>
<th>TORQUE™</th>
<th>TOURNEY™</th>
<th>TRACTION™</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algae</td>
<td>green matted gunk</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td>Anthracnose</td>
<td>large leaf spots</td>
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<td>**</td>
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</tr>
<tr>
<td>Brown Patch</td>
<td>circles with yellow/orange edges</td>
<td>**</td>
<td>***</td>
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</tr>
<tr>
<td>Curvularia</td>
<td>small irregular light brown turf</td>
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<tr>
<td>Decline</td>
<td>numerous little spots</td>
<td>****************************</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Decline</td>
<td>round or oval dead areas</td>
<td>N/A</td>
<td>**</td>
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<td>**</td>
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</tr>
<tr>
<td>Dollar Spot</td>
<td>dead or green rings</td>
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<td>N/A</td>
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</tr>
<tr>
<td>Fairy Ring</td>
<td>gray or black leaf spots</td>
<td>**</td>
<td>***</td>
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</tr>
<tr>
<td>Helminthosporium</td>
<td>greasy spots/areas</td>
<td>**</td>
<td>**</td>
<td>**</td>
<td>N/A</td>
<td>N/A</td>
<td>**</td>
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<td>**</td>
<td>**</td>
</tr>
<tr>
<td>Melting Out</td>
<td>similar to Helminthosporium</td>
<td>****************************</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Phytophthora</td>
<td>stem or leaf rot</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Pythium</td>
<td>wilting/declining fingers throughout turf</td>
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<tr>
<td>Rapid Blight</td>
<td>yellow declining turf</td>
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<tr>
<td>Rhizoc zeae</td>
<td>light brown/whitish circles 4-8 inches</td>
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<tr>
<td>Take All Patch</td>
<td>light yellow leaf blades</td>
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<td>Waitea Patch</td>
<td>6-10 inch dying circles</td>
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<tr>
<td>Yellow Patch</td>
<td>roundish areas with yellow ring</td>
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<tr>
<td>Zoysia Patch</td>
<td>roundish areas with yellow ring</td>
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</tbody>
</table>

**EXCELLENT**  **VERY GOOD**  **GOOD**  **FAIR**  **N/A NOT APPLICABLE**

See product label for specific disease control details, rates and application recommendations.

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Nufarm delivers complete plant protection, including

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