

TURF  
&  
ORNAMENTAL  
PRODUCT  
GUIDE



**SIPCAM AGRO**  
USA



# PROVEN, PRACTICAL SOLUTIONS FOR TODAY'S TURFGRASS AND ORNAMENTAL PROFESSIONALS

You face challenges at every turn. Sipcam Agro can help. Our portfolio of products for turf and ornamental health includes proven fungicides, herbicides, and specialized solutions. And we're continually developing new solutions designed to meet specific obstacles.



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**REAL** PEOPLE.  
**REAL** SOLUTIONS.

Our products are known for being incredibly effective but also remarkably sensible. We are committed to delivering solutions that maximize your investment and respect your bottom line. Whether your focus is golf courses, lawns, sports fields or sod farms, our goal is simple: to become your single, trusted supplier of turf and plant protection products.

We look forward to serving you.



**SIPCAM AGRO**  
USA



## ETQ FAMILY



### **Adrenalyn™ ETQ®** Turf Fungicide

#### **AI AZOXYSTROBIN + TEBUCONAZOLE + ETQ**

Formulation: Suspension Concentrate

Package size: 4 x 1 gal. case

- » Combines Azoxystrobin, a systemic strobilurin, and tebuconazole, a versatile DMI fungicide, with ETQ technology
- » Broad-spectrum preventative and curative control of all major golf course turf diseases
- » Can be used on both cool-season and warm-season turf grasses.

### **Downforce™ ETQ**

#### **AI FLUAZINAM + ETQ**

Formulation: Suspension Concentrate

Package size: 4 X 1 gal. case

- » Combines fluzazinam, a unique fungicide with no known cross-resistance, with ETQ technology
- » Multi-site contact fungicide
- » Superior control of dollar spot and other turf diseases
- » Can be used in rotation with Echo Dyad ETQ for season-long control of dollar spot in all turf types

### **Echo Dyad ETQ®**

#### **AI CHLOROTHALONIL + ETQ**

Formulation: Suspension concentrate

Package size: 2 x 2.5 gal. case

- » Next generation chlorothalonil plus ETQ formulation delivers broad-spectrum disease control
- » Contact fungicide with a multi-site mode of action interrupts the metabolic activity of fungal pathogens and prevents resistance issues
- » Prevents dollar spot, brown patch, leaf spot, grapy leaf spot, anthracnose and other diseases

### **E-Scape ETQ®** Turf Fungicide

#### **AI CHLOROTHALONIL + TEBUCONAZOLE + ETQ**

Formulation: Suspension Concentrate

Package size: 2 x 2.5 gal. case

- » ETQ technology combined with unique pairing of multi-site mode of action contact fungicide and DMI systemic fungicide
- » Contact fungicide interrupts metabolic activity of fungal pathogens while systemic fungicide inhibits processes related to fungal biosynthesis, disrupting target pathogen growth
- » Ideal fungicide for Poa annua/bentgrass fairways

### **Sipcam Clearscape® ETQ** Turf Fungicide

#### **AI TEBUCONAZOLE + ETQ**

Formulation: Suspension Concentrate

Package size: 2 x 1 gal. case

- » Combines tebuconazole, a versatile DMI fungicide for use on golf course turf, with ETQ technology
- » DMI fungicide technology controls disease by inhibiting processes related to fungal biosynthesis, which disrupts target pathogen growth
- » Controls anthracnose, dollar spot, brown patch, gray leaf spot and other diseases in turf

### **ETQ® Flex**

#### **AI PROPRIETARY COMPLEX BLEND ETQ**

Formulation: Suspension Concentrate

Package size: 2 x 2.5 gal. case

- » Supports and maintains healthy root mass development
- » Maintains leaf water and chlorophyll content under stress
- » Compatible with other commonly applied products in turf
- » Improved turf quality and aesthetics under less-than-ideal water conditions
- » Healthy green coloration and improved visual response to consumers





# FUNGICIDES



*Not yet registered; coming in 2026*

## AI PROTHIOCONAZOLE

Formulation: Suspension Concentrate

Package size: 2 X 1 gal. case

- » Powerful DMI fungicide with excellent turf safety profile, ultra-low, single use rate
- » Controls 13 different cool and warm season diseases
- » Excellent control against many soilborne diseases such as fairy ring, mini-ring, and take-all root rot
- » Excellent cool and warm-season turf safety under any environmental condition with or without PGRs



## AI AZOXYSTROBIN + PROTHIOCONAZOLE

Formulation: Suspension Concentrate

Package size: 2 X 1 gal. case

- » Two different modes of action that work together to perform even in high temperatures to reduce the risk of turf response
- » Broad-spectrum disease control and spore germination inhibitor on a wide range of turf diseases, including dollar spot, brown patch, anthracnose, fairy ring, leaf spot, and snow mold; see label for full list
- » DMI and strobilurin which combine to manage fungicide resistance and provide excellent disease control



## AI CHLOROTHALONIL

Formulation: Suspension Concentrate and Dry Flowable

Package size: 4 X 5 lb case and 2 X 2.5 gal. case

- » Proven, long-residual contact fungicides
- » Protects turf and ornamentals from more than 75 diseases; see labels for full lists
- » No resistance issues and natural plant surface adhesion
- » Ideal for use with newer fungicides to manage their resistance and broaden their disease-control spectrum



## AI AZOXYSTROBIN

Formulation: Suspension Concentrate

Package size: 2 X 1 gal. case

- » Broad-spectrum control of multiple plant diseases; see label for full list
- » Contains 2 lbs. of active ingredient per gallon – higher concentration than other azoxystrobin products
- » Liquid formulation provides convenient easy handling



## AI AZOXYSTROBIN

Formulation: Fine Spray Dried Powder

Package size: 25-lb. bag

- » Granular formula changes the economics of azoxystrobin use and allows better turf at a lower cost
- » Maximizes snow mold budget with broad-spectrum control from a single product
- » Controls multiple diseases; see label for full list
- » Easy handling and convenience of granular formulation



## AI PROPAMOCARB HYDROCHLORIDE

Formulation: Soluble Concentrate

Package size: 2 X 1 gal. case

- » Prevents and cures many Pythium diseases, including damping-off and root rot
- » Highly systemic for quick absorption and translocation
- » Multi-site mode of action prevents resistance problems
- » Can be applied following germination or to established turf
- » Suitable for tank mixing to broaden disease control spectrum



# Carve™ Xtra

The go-to fungicide for golf course turf—delivering powerful, broad-spectrum disease control with both systemic and curative activity, and proven resistance management for superintendents and turf managers.



Scan for site page

Carve™ Xtra is a robust fungicide combination of the DMI ingredient prothioconazole and the broad-spectrum fungicide azoxystrobin, featuring dual mode of action, residual activity for best-in-class disease control. Both work to perform in all temperatures, especially high temperatures, to reduce the risk of turf damage. Carve™ Xtra controls 13 major turf diseases, including summer stress pathogens: leaf and stem blights, leafspots, patchdiseases, mildews, anthracnose, fairy rings, molds and rusts.

## Dual mode of action for best in class fungicide performance

- » Carve™ Xtra contains **azoxystrobin and prothioconazole**, two different modes of action that work together to perform even in high temperatures to reduce the risk of turf response.
- » Broad-spectrum **disease control and spore germination inhibitor** on a wide range of turf diseases, including dollar spot, brown patch, anthracnose, fairy ring, leaf spot and snow mold.
- » A powerful **DMI and strobilurin**, which combine to manage fungicide resistance and provide excellent disease control.
- » Protects the plant via **absorption** through leaf blades and roots.
- » Disease control uniformly throughout the plant, even to new growth, through **systemic xylem mobility**.
- » Excellent **turf safety, rainfastness, fast efficacy and residuality**.

\* Always check registration status in your state. Always read and follow label directions.

  
**SIPCAM AGRO**  
USA  
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**Performance. Flexibility. Aesthetics.**

A new, novel, patented herbicide that delivers outstanding control of kyllinga, nutsedge, and crabgrass—plus 40+ broadleaf weeds—across cool-season/transition zone turf and Bermudagrass. Designed for professionals who demand visible results, adaptable use, and cleaner, more attractive turf.

**Linchpin Herbicide UT Trial 2019**

**Common Bermuda turf type 7 DAT**

Mesotrione alone



Linchpin



**Linchpin™  
is flexible!**

Safely add up to 4 oz per acre of additional Sipcam SlipStream™ mesotrione herbicide, to gain greater control of nimblewill and large crabgrass.



Scan for Linchpin™ video



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## HERBICIDES



### **Atrazine 4L** Flowable Herbicide

#### AI ATRAZINE

Formulation: Suspension Concentrate  
Package size: 2 x 2.5-gal. case

- » Season-long control of annual grass and broadleaf weeds
- » Labeled for warm-season turf
- » Offers both pre-emergence and post-emergence activity

### **Cavalcade® 4L**

### **Cavalcade® 65WDG**

#### AI PRODIAMINE

Formulation: Suspension Concentrate and  
Water-dispersible granule  
Package size: 2 X 2.5 gal. case and 5 X 10 lb case

- » Long-residual pre-emergence control of 30 grass and broadleaf weeds, including crabgrass, *Poa annua*, goosegrass, prostrate spurge, common purslane and knotweed
- » Can be applied in the fall for weed prevention and the following spring
- » Available as a sprayable or on fertilizer

### **Coastal™**

#### AI PRODIAMINE + IMAZAQUIN + SIMAZINE

Formulation: Suspension Concentrate  
Package size: 2 x 2.5-gal. case

- » Safe on Bermudagrass, Centipede grass, St. Augustine grass and Zoysia grass
- » Broad-spectrum, pre-and post-emergent broadleaf and grass weed control
- » Most economical *Poa annua* control available
- » Excellent resistance management tool

### **Linchpin™**

#### AI MESOTRIONE + HALOSULFURON + QUINCLORAC

Formulation: Extruded Dry Granule  
Package size: 4 X 3.6 (lb) packed in a resealable jug

- » Controls tough weeds including kyllinga, nutsedge, crabgrass, signalgrass, and nimblewill—plus more than 40 additional broadleaf and grass weeds.
- » Eliminates bleaching commonly seen with mesotrione products—ensuring exceptional turf safety.
- » Delivers up to 30 days of residual control for extended weed suppression and cleaner turf.
- » The only mesotrione-containing herbicide labeled for use on Bermudagrass; great for cool-season overseed programs.
- » Optimizes efficiency of plant nutrition and pesticide treatments

### **Sim-Trol® 4L** Simazine Flowable Herbicide

#### AI SIMAZINE

Formulation: Suspension Concentrate  
Package size: 2 X 2.5 gal. case

- » Controls annual grass and broadleaf weeds
- » Offers both pre-emergence and post-emergence activity
- » Suitable for warm-season turfgrass, ornamental plantings and nursery stock

### **SlipStream™**

#### AI MESOTRIONE

Formulation: Suspension Concentrate  
Package size: 2 X 1 gal. case

- » Can selectively control nimblewill and annuals such as crabgrass, goosegrass and many labeled turfgrass species, in addition to perennial bentgrass within Kentucky bluegrass, perennial ryegrass, and tall fescue.
- » Apply at seeding to prevent weed germination and allow turfgrass species to establish without weed competition.
- » Add an additional 4 oz per acre with **Linchpin™** herbicide program to gain greater control nimblewill and crabgrasses.



## SPECIALIZED SOLUTIONS



### AI CONCENTRATED HUMIC SUBSTANCES

Formulation: Suspension Concentrate  
Package size: 2 x 2.5-gal. case

- » Highly concentrated and readily soluble (100%) active ingredient
- » Patented formulation process delivers higher rate of active ingredient
- » High concentration of soluble humus supports germination and root growth, giving turf a solid foundation
- » Extended-release humic soil conditioner
- » Supports plant nutrient uptake and efficiency



### AI AMINO ACIDS (PLANT SOURCE)

Formulation: Suspension Concentrate  
Package size: 2 x 2.5-gal. case

- » Designed to provide a quick shot of energy when plants need it most
- » Increases resistance to biotic and abiotic stress
- » Stimulates plant metabolism for increased chlorophyll production and root growth
- » Optimizes efficiency of plant nutrition and pesticide treatments
- » Blended with a pigment, ETQ Flex can be used as a standalone product or tank mixed.



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# PRODUCTS AT A GLANCE



Below is a list of registered and trademarked Sipcam Agro USA products and the type of turf they protect and improve; see individual product labels for more information.

Always read and follow label instructions.

TURF & ORNAMENTAL PRODUCTS				Lawncare (Professional)	Sports Turf	Golf Course	Sod Farms	Residential Turf
<b>ETQ FUNGICIDES</b>								
<b>Adrenalyn ETQ®</b>	Azoxystrobin + Tebuconazole + ETQ	Suspension Concentrate	4 × 1 gal. case			X		
<b>Downforce ETQ®</b>	Fluazinam + ETQ	Suspension Concentrate	4 × 1 gal. case			X		
<b>Echo Dyad ETQ®</b>	Chlorothalonil + ETQ	Suspension Concentrate	2 × 2.5 gal. case			X	X	
<b>E-Scape ETQ®</b>	Chlorothalonil + Tebuconazole + ETQ	Suspension Concentrate	2 × 2.5 gal. case			X		
<b>Sipcam Clearscape ETQ®</b>	Tebuconazole + ETQ	Suspension Concentrate	2 × 1 gal. case			X		
<b>FUNGICIDES</b>								
<b>Carve™</b> <small>(Not yet registered; coming in 2026)</small>	Prothioconazole	Suspension Concentrate	2 × 2.5 gal. case			X		
<b>Carve™ Xtra</b>	Azoxystrobin and Prothioconazole	Suspension Concentrate	2 × 1 gal. case			X		
<b>Echo® 720</b>	Chlorothalonil	Suspension Concentrate	2 × 2.5 gal. case			X	X	
<b>Echo® Ultimate</b>	Chlorothalonil	Dry Flowable	4 × 5 lb. case			X	X	
<b>Endow™ 25C</b>	Azoxystrobin	Suspension Concentrate	2 × 1 gal. and 2.5 gal. case	X	X	X	X	X
<b>Endow™ G</b>	Azoxystrobin	Granular	30 lb. bag	X	X	X		X
<b>Karma™</b>	Propamocarb Hydrochloride	Suspension Concentrate	2 × 1 gal. case			X	X	
<b>HERBICIDES</b>								
<b>Atrazine 4L</b>	Atrazine	Suspension Concentrate	2 × 2.5 gal. case	X	X	X	X	
<b>Cavalcade® 4L</b>	Prodiamine	Suspension Concentrate	2 × 2.5 gal. case	X	X	X	X	X
<b>Cavalcade® 65WDG</b>	Prodiamine	Water Dispersible Granule	5 × 10 lb. case	X	X	X	X	X
<b>Coastal™</b>	Prodiamine + Imazaquin + Simazine	Suspension Concentrate	2 × 2.5 gal. case	X	X	X	X	X
<b>Linchpin™</b>	Mesotrione + Halosulfuron + Quinclorac	Extruded Dry Granule	4 X 3.6 lb. case	X	X	X	X	X
<b>Sim-Trol® 4L</b>	Simazine	Suspension Concentrate	2 × 2.5 gal. case	X	X	X		
<b>SPECIALIZED SOLUTIONS</b>								
<b>Baccarat®</b>	Concentrated Humic + Fulvic Acid	Suspension Concentrate	2 × 2.5 gal. case	X	X	X		X
<b>ETQ® Flex</b>	Proprietary Complex Blend	Suspension Concentrate	2 × 2.5 gal. case/30 gal. drum	X	X	X		X
<b>Potente®</b>	Vegetable Derived Amino Acids; Nitrogen	Concentrated Aqueous Mixture	2 × 2.5 gal. case	X	X	X		X

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# SEEING IS BELIEVING

ETQ® IS MAKING TRUE BELIEVERS OUT OF SUPERINTENDENTS EVERYWHERE



Introduction to  
ETQ® Flex video

## Peak Performance with Flexible Protection Against Heat and Drought Stress Events

Sipcam's exclusive Enhanced Turf Quality® (ETQ) technology combines a proprietary complex blend to provide maximum protection against heat and drought stress while increasing plant durability. ETQ® Flex is absorbed into the plant, providing protection all the way to the roots. The harmful effects of UVB (burning) and UVA (aging) rays are diminished while the plant is protected, allowing critical functions like respiration and photosynthesis to function normally, optimizing turf health. Blended with a pigment, ETQ Flex can be used as a standalone product or tank mixed.



## ENHANCED TURF QUALITY FAMILY OF PRODUCTS

Superintendents across the country are discovering what university researchers already know. The exclusive technology in our ETQ® fungicide solutions not only protects turf from harmful UVA and UVB rays, but it also increases turf health from the inside out for stronger, denser, greener turf that can stand up to heavy use and stress.

- » Optimizes turf color, strength, density and consistency
- » Provides an economical solution for disease control and enhanced turf quality
- » Delivers total protection for high-performance turf

**Adrenalyn ETQ®**  
Turf Fungicide

**Downforce ETQ®**

**Echo Dyad ETQ®**

**E-Scape ETQ®**  
Turf Fungicide

**Sipcam Clearscape ETQ®**  
Turf Fungicide



# PERSONALIZED SOLUTIONS. GENUINE RELATIONSHIPS.

At Sipcam, we're committed to not only providing products that make your job easier but also a level of personalized service that builds trust and strong relationships. We're a family-owned company and nothing is more important to us than maintaining our reputation for honesty, transparency and ethical business practices. Our team has walked in your shoes and understands the value of finding real solutions that work for you. In the end, that's what builds genuine relationships: real solutions, from real people.

Sipcam products are available from a nationwide distributor network. To locate the distributor nearest you, contact us at (877) 898-9514.

Visit [www.sipcam.com](http://www.sipcam.com) for additional product information, labels and safety data sheets.



## REAL PEOPLE. REAL SOLUTIONS.

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Adrenalyn ETQ®, Baccarat®, Carve™, Carve™ Xtra, Cavalcade® 4L, Cavalcade® 65WDG, Downforce ETQ®, Echo® 720, Echo® Ultimate, Echo Dyad ETQ®, Escape ETQ®, ETQ® Flex, Sipcam Clearscape ETQ®, Potente® and Sim-Trol® 4L are registered trademarks of Sipcam Agro USA, Inc. Coastal™, Endow™ G, Endow™ 25C, Karma™, and Linchpin™ are trademarks of Sipcam Agro USA, Inc. All brand names, product names or trademarks, belong to their respective holders. Always check for registration status in your state.