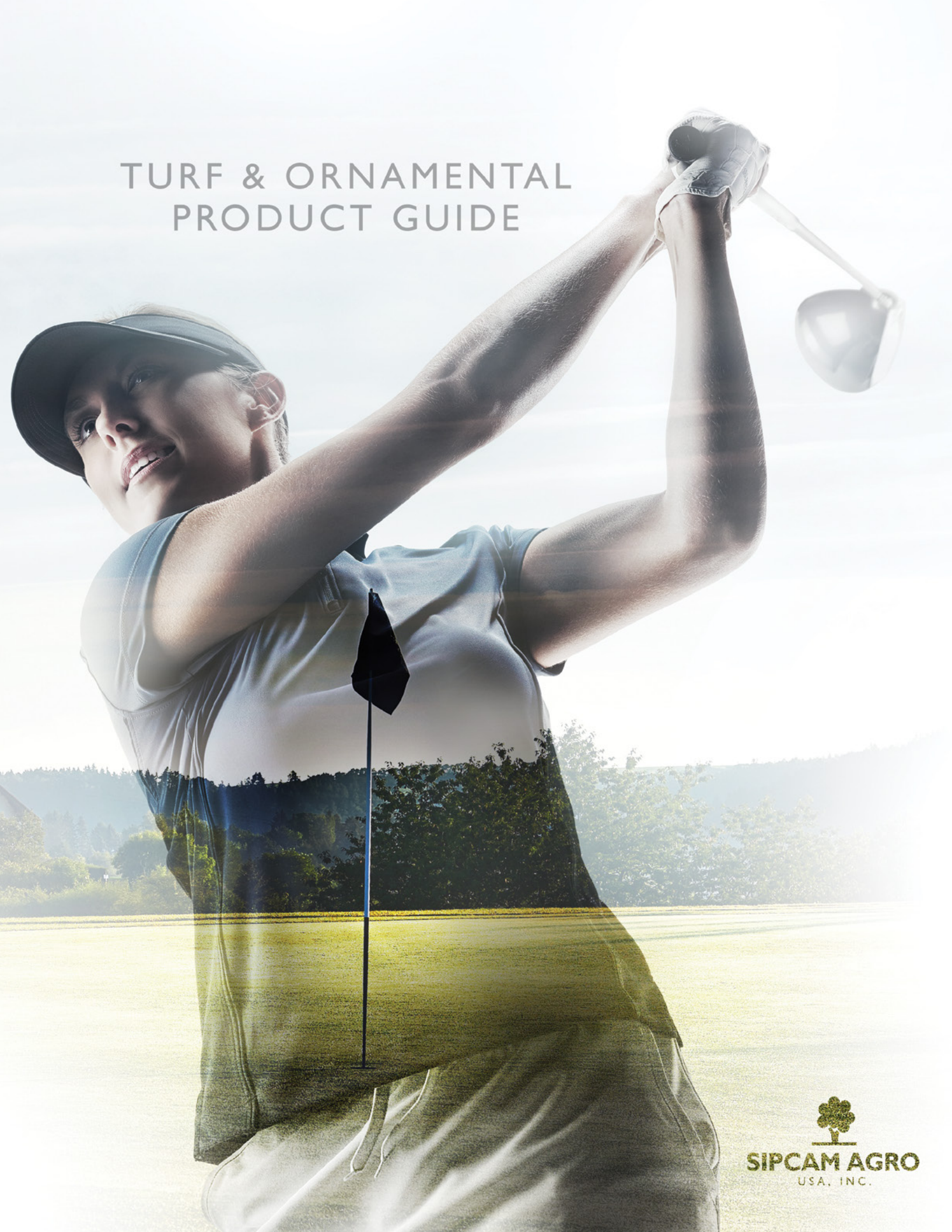


TURF & ORNAMENTAL
PRODUCT GUIDE





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, plant growth regulators and plant health solutions. And we're continually developing new solutions designed to meet specific obstacles.

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.*



karma

FUNGICIDE

THE TRUE PATH TO PYTHIUM-FREE TURF

You'd do anything to protect your turf from the devastating effects of *Pythium*, but it's really not that complicated. Treat your turf early and be rewarded later. That's the power of Karma®. This highly systemic fungicide delivers maximum returns when used as a preventative in early spring but can also be used as a curative treatment in the summer. A multi-site mode of action also makes it an excellent resistance management tool.

Defend your turf with the power of Karma

- » Prevents and cures many *Pythium* diseases, including damping-off, cottony blight, grease spot 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
- » Prevents root rot and damping-off caused by *Pythium* spp. and *Phytophthora* spp. at all stages of ornamental propagation





PROTECTING SOUTHERN TURF FROM COAST TO COAST

Coastal Herbicide is the most all-encompassing and easy-to-use herbicide for southern turf available today. Trials at universities across the South prove its effectiveness in an easy, single application of 48–64 oz. or in a sequential program of two 32 oz. applications. Easy-to-use Coastal provides exceptional control of broadleaf weeds like white clover and henbit and grassy weeds like *Poa annua* and crabgrass, and it's safe to use on all four of the major southern turf varieties: Bermudagrass, centipede grass, St. Augustine grass and Zoysia grass.

The ultimate herbicide for warm-season turf grasses

- » Broad-spectrum, pre- and post-emergent broadleaf and grass weed control
- » For use on golf courses, residential and commercial turf, athletic fields and sod farms
- » Safe to use on Bermudagrass, centipede grass, St. Augustine grass and Zoysia grass
- » Effective as a single application of 48–64 oz. application or two 32 oz. applications
- » Excellent resistance management tool
- » Low lateral mobility
- » Most economical *Poa annua* control available
- » Three active ingredients/modes of action broaden weed spectrum and reduce mixing time, potential mistakes and jug disposal



EAST COAST

COASTAL

HERBICIDE

SEEING IS BELIEVING

ETQ IS MAKING TRUE BELIEVERS OUT OF SUPERINTENDENTS EVERYWHERE.

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

- » Protects turf from UVA and UVB rays, heat and other environmental stress factors
- » 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



ENHANCED TURF QUALITY
FAMILY OF PRODUCTS





ETQ FAMILY OF PRODUCTS

ADRENALYN™ TURF FUNGICIDE

AI AZOXYSTROBIN + TEBUCONAZOLE + ETQ

- » 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, including bentgrass, Bermudagrass, bluegrass, fescue, ryegrass, St. Augustine grass, Zoysia grass and paspalum
- » Controls anthracnose, bentgrass dead spot, brown patch, Zoysia patch, large patch, cool-weather brown patch, yellow patch, dollar spot, fairy ring, gray leaf spot, snow mold, Fusarium patch, powdery mildew, Pythium blight and many other diseases in turf

DOWNFORCE™ TURF FUNGICIDE

AI FLUAZINAM + ETQ

- » Combines fluazinam, 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™ TURF FUNGICIDE

AI CHLOROTHALONIL + ETQ

- » 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, gray leaf spot, anthracnose and other diseases

ECLIPSE™ TURF FUNGICIDE

AI IPRODIONE + ETQ

- » ETQ technology combined with broad-spectrum dicarboximide fungicide with protective and curative action that inhibits spore germination and fungal mycelium growth
- » Combination of iprodione and ETQ technology protects grass blades while controlling dollar spot, brown patch, leaf spot, Fusarium blight, Pythium blight and other diseases

E-SCAPE™ TURF FUNGICIDE

AI CHLOROTHALONIL + TEBUCONAZOLE + ETQ

- » 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 the systemic fungicide inhibits processes related to fungal biosynthesis, which disrupts target pathogen growth
- » Ideal fungicide for *Poa annual*/bentgrass fairways

SIPCAM CLEARSCAPE™ TURF FUNGICIDE

AI TEBUCONAZOLE + ETQ

- » 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

FUNGICIDES

ECHO[®] 720

TURF FUNGICIDE

ECHO[®] ULTIMATE

TURF FUNGICIDE

AI CHLOROTHALONIL

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

ENDOW[™] 2SC

TURF FUNGICIDE

AI AZOXYSTROBIN

- » Broad-spectrum control of multiple plant diseases including anthracnose, brown patch, Pythium blight, take-all patch, gray leaf spot, spring dead spot, gray and pink snow mold
- » Contains 2 lbs. of active ingredient per gallon — higher concentration than other azoxystrobin products
- » Quinone outside inhibitor (QoI) mode of action impedes the fungus cells' ability to produce energy, causing the fungus to die
- » Liquid formulation provides easy handling and convenience

ENDOW[™] G2

TURF FUNGICIDE

AI AZOXYSTROBIN

- » Granular formula changes the economics of azoxystrobin use and gives you better turf at a lower cost
- » Maximizes snow mold budget with broad-spectrum control from a single product
- » Controls multiple diseases including anthracnose, brown patch, Pythium blight, take-all patch, gray leaf spot, spring dead spot, gray and pink snow mold
- » Easy handling and convenience of granular formulation
- » Resistance management tool

karma

FUNGICIDE

AI PROPAMOCARB HYDROCHLORIDE

- » Prevents and cures many *Pythium* diseases, including damping-off, cottony blight, grease spot 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
- » Prevents root rot and damping-off caused by *Pythium* spp. and *Phytophthora* spp. at all stages of ornamental propagation



HERBICIDES

ATRAZINE 4L

HERBICIDE

AI ATRAZINE

- » Season-long control of annual grassy and broadleaf weeds
- » Labeled for warm-season turf, as well as conifers and ornamentals
- » Offers both pre-emergence and post-emergence activity

CAVALCADE 4L

HERBICIDE

CAVALCADE 65WDG

HERBICIDE

AI PRODIAMINE

- » Long-residual pre-emergence control of 30 grassy and broadleaf weeds, including crabgrass, *Poa annua*, goosegrass, prostrate spurge, common purslane and knotweed
- » Can be applied in the fall for weed prevention the following spring
- » Staining is not an issue
- » Available as a sprayable or on fertilizer



AI PRODIAMINE + IMAZAQUIN + SIMAZINE

- » Broad-spectrum, pre- and post-emergent broadleaf and grass weed control
- » For use on golf courses, residential and commercial turf, athletic fields and sod farms
- » Safe on Bermudagrass, centipede grass, St. Augustine grass and Zoysia grass
- » Most economical *Poa annua* control available
- » Excellent resistance management tool
- » Low lateral mobility

SIM-TROL 4L

HERBICIDE

AI SIMAZINE

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



SPECIALIZED SOLUTIONS

BACCARAT

AI CONCENTRATED HUMIC SUBSTANCES

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

POTENTE

AI AMINO ACIDS (PLANT SOURCE)

- » Complete aminogram designed to provide a quick shot of energy when the plant needs 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



PRODUCTS AT A GLANCE

ETQ FUNGICIDES

Adrenalyn™ ETQ	Azoxystrobin + tebuconazole + ETQ	Suspension concentrate	4 × 1-gal. case	●
Downforce® ETQ	Fluazinam + ETQ	Suspension concentrate	4 × 1-gal. case	●
Echo Dyad ETQ®	Chlorothalonil + ETQ	Suspension concentrate	2 × 2.5-gal. case	● ●
Eclipse ETQ®	Iprodione + ETQ	Suspension concentrate	2 × 2.5-gal. case	● ●
E-Scape ETQ®	Chlorothalonil + tebuconazole + ETQ	Suspension concentrate	2 × 2.5-gal. case	●
Sipcam Clearscape® ETQ	Tebuconazole + ETQ	Suspension concentrate	2 × 1-gal. case	●

FUNGICIDES

Echo® 720	Chlorothalonil	Suspension concentrate	2 × 2.5-gal. case	● ● ●
Echo® Ultimate	Chlorothalonil	Dry flowable	4 × 5-lb. case	● ● ●
Endow™ 2SC	Azoxystrobin	Suspension concentrate	2 × 1-gal. case	● ● ● ● ●
Endow™ G2	Azoxystrobin	Granular	30-lb. bag	● ● ● ● ●
Karma®	Propamocarb hydrochloride	Soluble concentrate	2 × 1-gal. case	● ● ●

HERBICIDES

Atrazine 4L	Atrazine	Suspension concentrate	2 x 2.5-gal. case	● ● ● ●
Cavalcade® 4L	Prodiamine	Suspension concentrate	2 x 2.5-gal. case	● ● ● ● ●
Cavalcade® 65WDG	Prodiamine	Water-dispersible granule	5 x 10-lb. case	● ● ● ● ●
Coastal™	Prodiamine + imazaquin + simazine	Suspension concentrate	2 x 2.5-gal. case	● ● ● ●
Sim-Trol® 4L	Simazine	Suspension concentrate	2 x 2.5-gal. case	● ● ● ●

SPECIALIZED SOLUTIONS

Baccarat®	Concentrated humic substances	Suspension concentrate	2 x 2.5-gal. case	● ● ● ● ●
Potente®	Amino acids	Suspension concentrate	2 x 2.5-gal. case	● ● ● ● ●

Lawncare
 Athletic Field
 Golf
 Sod Farms
 Residential Turf



PERSONALIZED SOLUTIONS. GENUINE RELATIONSHIPS.

ABOUT SIPCAM AGRO USA, INC.

At Sipcaml, 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.

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REAL PEOPLE. REAL SOLUTIONS.