

GREEN  SOURCE, L.L.C.

PROFESSIONAL TURF PRODUCTS

PRODUCT CATALOG



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** The products listed in this catalog are typically stocked at Greensource, other products are available upon request*

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ABOUT GREENSOURCE

Greensource, LLC was established in 2000. Since then they have become Utah's premier supplier of products to Professional Turf Managers and Golf Course Superintendents. Greensource only distributes premium products that have been tested and proven in field and university studies. Greensource prides themselves not only on superior service, but also taking on a partnership attitude with their customers. Through soil testing, research, and site evaluations, Greensource reps will make recommendations that will make your facility look its best, thus eliminating one less thing for you to worry about. Products are also delivered to your site in a timely manor.

FERTILIZER

ANALYSIS	DESCRIPTION	TYPICAL RATES		N Composition	SOURCES		OTHER NUTRIENTS (%)						BIO-ENHANCEMENTS				
		Product Lbs/M	Nutrients Lbs/M		P	K	Fe	Mg	Mn	Cu	Zn	Ca	S	Amino Acids	Humic Acid	HAP	
0-0-12 Mag-tec AGCK12MDG40	24% Mg	4.2 - 8.4	0.5 - 1.0 K	N/A	N/A	SOP	-	24.0	-	-	-	-	12.0				•
0-0-13 Kal-tec AGCK13MDG4	10.5% Ca, L-Amino Acids	3.8 - 7.6	0.5 - 1.0 K	N/A	N/A	SOP	-	2.0	1.5	-	-	10.5	14.9				•
14-7-14 AGC141WMDG4	60% MUtech	3.6 - 7.2	0.5 -1.0 N, K	5.6% Amm N 1.3% Urea N 2.9% WIN 4.2% WSN	MAP	SOP	0.3	-	0.1	-	-	-	9.6				•
7-14-14 AGC72WMDG4.1	30% MUtech	3.6 - 7.2	0.5 - 1.0 K	4.9% Amm N 0.3% Urea N 0.8% WIN 1.1% WSN	MAP	SOP	-	2.0	-	-	-	-	9.9				•
13-0-26 AGC131WDG40.2	100% MUtech	3.8 - 7.6	0.5 -1.0 K	2.0% Urea N 4.6% WIN 6.5% WSN	N/A	SOP	-	-	-	-	-	-	8.8				•
15-0-15 AGC157WMDG4	50% MUtech	3.3 - 6.6	0.5 -1.0 N, K	7.5% Amm N 1.1% Urea N 2.6% WIN 3.8% WSN	N/A	SOP	0.3	-	0.3	-	-	-	13.7				•
12-24-8 AGC126WMDG40	50% MUtech	2.1 - 4.2	0.5 - 1.0 P	6.0% Amm N 0.9% Urea N 2.1% WIN 3.0% WSN	MAP	SOP	0.3	-	0.3	-	-	-	4.1				•
DG Gypsum AGCDGGYP50	SGN 100 50 lb bag	6.0 - 25.0	-	-	-	-	-	-	-	-	-	-	21.0	16.0			•
31-0-10 AGC314WDG5	45% MUtech	1.6 - 3.2	0.5 - 1.0 N	19.2% Urea N 4.9% WIN 7.0% WSN	N/A	SOP	-	-	-	-	-	-	3.4				•

ANALYSIS	FEATURE	TYPICAL RATES		N COMPOSITION %				SOURCES		OTHER NUTRIENTS (%)						DENSITY	
		Product Lbs/M	Nutrients Lbs/M	Amm N	Urea N	WIN	WSN	P	K	Fe	Mg	Mn	Cu	Zn	Ca		S
28-0-10 AGC282W5	100% MUtech-L	1.8 - 3.6	0.5 -1.0 N	-	2.5	17.0	8.5	-	SOP	-	-	-	-	-	-	3.5	53.6
39-0-0 AGC391W5	100% MUtech-L	1.3 - 2.6	0.5 - 1.0 N	-	3.5	23.7	11.8	-	-	-	-	-	-	-	-	-	46.0
43-0-0 AGC83043.1	100% Extend	2.3 - 4.7	1.0 - 2.0 N	-	43.0	-	-	-	-	-	-	-	-	-	-	-	45.90
18-24-12 APT1845	25% NS-54	4.2	.76 - 1 N	9.39	8.61	-	-	-	-	-	-	-	-	-	-	-	58.0
28-3-10 AGC28265	96% NS-54	2.7 - 5.4	0.75 - 1.5 N	1.2	26.8	-	-	DAP	SOP	-	-	-	-	-	-	5.9	53.8
38-0-0 AGC3815	100% NS-52 (12% sulfur)	2.6 - 5.3	1.0 - 2.0 N	-	38.0	-	-	-	-	-	-	-	-	-	-	12.0	46.5
25-3-10 AGC252FE5	95% Poly-S	2.0 - 4.0	0.5 - 1.0 N	1.2	23.8	-	-	DAP	SOP	2.0	-	-	-	-	-	5.6	53.8

SPECIALTY/SOILS

PRODUCT	CODE	PKG WT	SGN	USE RATES ON TURF LBS/M	COMMENTS
Humic DG	ASPHUDG4	40 lb	210	40 - 200 lb/acre	62% Humic Acid derived from Leonardite. Large particle for easy broadcast spreading.
Humic DG 100	ASPHU100DG4	40lb	100	40 - 200	Ideal for greens, tees & fairways.
A-TEP	AGC83296	Minor Nutrient Package	100		See label for rates
DG Gypsum	AGCDGGYP50	50lb bag	100		See label for rates
O-O-50	AGCGSOPF				See label for rates



**AgSource
Laboratories**

A Subsidiary of Cooperative Resources International

- Soil analysis • Plant-tissue analysis • Irrigation-water analysis
- Greenhouse growth media • Compost and manure testing

SOLUTIONS 4 EARTH

What is Ultimate Turf™ ?

Ultimate Turf™ is a blend of carbon, energy (food), oxygen, nutrients and micro-nutrients. All ingredients are from pure sources, so very little is needed to obtain maximum results. This product contains complex carbohydrates needed to aid in microbial health and thus builds and balances the soil. History has shown that where the soil is biologically balanced, health and quality are superior and often free of disease and insects. Ultimate Turf will aid in the reduction and repair of the salinity in the soil which has recently become a major concern for superintendents subject to salt contamination of water sources. Ultimate Turf will help buffer the impurities and toxins in the soil profile, causing it to return to its natural state and a natural functioning eco-system.

Ultimate Turf's primary benefit is its ability to stimulate a stronger and healthier root system. With a stronger root system, the plant can go deeper during dry times to get its water supply, providing better tolerance to heat and sunlight. A secondary benefit of Ultimate Turf™ is its ability to improve plant nutrient availability by utilizing its low pH formula.

Key Benefits of Ultimate Turf™

- Significantly increases root mass
- Significantly promotes turf density
- Significantly improves stress tolerance
- Significantly improves nutrient uptake
- Improves water penetration
- Helps reduce sodium and bicarbonates
- Reduces Clipping Yields And Strengthens Turf

BURST

Burst Turf is a state of the art soil recovery tool powered by SynTech®, the world's only synthetic acid. As Burst is injected into your irrigation system it safely lowers the pH of the hundreds of thousands of gallons of water. As this solution enters the soil profile it instantly begins to dissolve deposits like calcium carbonate and calcium phosphate while it solubilize other nutrients making them available for uptake to the plant tissue. Regular use will also lower soil sodium, magnesium and bicarbonate levels and improve soil structure nutrient availability and general plant health.

Ferromec

EnviroTree™

EnviroTree™ is an environmentally safe and balanced blend of nutrients that are essential in the building blocks of plant health. Not only is this product easy to use, but it's safe for humans and animals! Applying EnviroTree™ will increase foliage, improve nutrient availability, improve stress tolerance and increase over-all plant health and vitality.

Key Benefits

- Significantly increase foliage
- Significantly improve nutrient availability
- Significantly improves stress tolerance
- Significantly increases over-all plant health
- Increases the carbon level in surrounding soil
- Increases yield in fruit bearing trees!

BTN

BTN is a liquid fertilizer containing carbon and a blend of high-grade agricultural nutrients. BTN is designed not only to help improve soil condition but also improves nutrient & water uptake and the overall environment by increasing the growth and activity of the microorganisms which is critical to maximum plant development and yield. The product stimulates early plant root development which results in a denser root mass (more efficient water and nutrient uptake) and larger leaves (draws in more of the sun's energy) which enables the plant to manufacture more carbohydrates. Carbohydrates are the ultimate food and energy source for plant growth and reproduction.

Key Crop Benefits

- Drives Roots
- Increases Nutrient & Water Uptake
- Increased Drought Tolerance
- Sustains Plant Vigor
- Increases Carbohydrate Reserves
- Increases Cell Division For Stress Tolerance

Uptake Iron

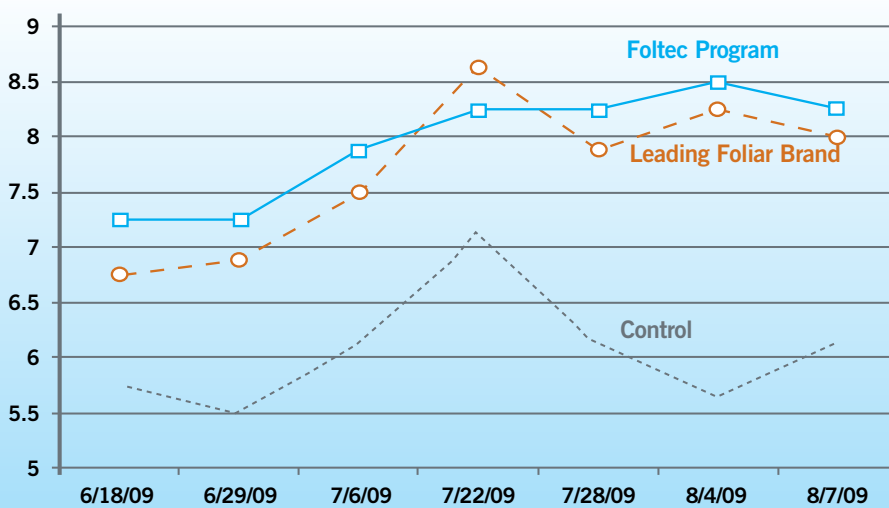
Uptake Technology 5-0-0 with Iron is an organic iron complex to aid in the prevention and control of iron deficiency in turf and ornamentals. Uptake Technology formulations include adjuvant technologies for spray solution buffering, spray characteristics, leaf wetting and leaf surface tension.

Features & Benefits

- Low-use rate - less product to handle and store
- Adjuvant package - enhanced performance, less time mixing and loading, improved rain-fastness
- High quality nutrients - improved plant health and satisfied players and customers

Foliar nutrient products designed to complement soil applied baseline nutrition of Contec DG or Biomend DG

Michigan State University Color Ratings on Putting Greens 2009
FOLIAR PROGRAMS - FOLTEC VS. LEADING FOLIAR BRAND



ABOVE
THE
SURFACE



Born in our own laboratory, manufactured in our own facilities and proven in the real world, Foltec is the perfect foliar complement to our granular Contec DG and Biomend DG baseline nutrients. Our research and development in conjunction with leading university

testing has expanded our core competencies to include both granular and foliar applications and has enhanced our reputation for the holistic approach we take to both above and below the surface treatment.

Bio-enhancements for pre-stress conditioning and improved nutrient efficiency

Amino Acids: The Building Blocks Of Healthy Turf

Bio-enhancements include seaplant extracts, L-amino acids, vitamins, stress-metabolite complexes and other naturally derived compounds that have a beneficial biological effect on turf health. Under stressful conditions, such as excessive heat or drought, it is difficult for turf plants to produce essential amino acid compounds. Foliar applications of L-Amino acids translocate through the leaf and help the plant maintain healthy growth during stressful conditions.

Benefits of The Andersons Amino Acids:

- Contain L-Amino acids which are the most biologically active and are preferred by the plant
- L-Amino acids applied in early spring, help the turf tolerate later season stress
- Improves tolerance to water stress during hot and dry conditions
- Improves foliar nutrient uptake
- Reduces stress induced plant aging for extended health and quality



Product	Application Rates		% Ca	% Mg	% Fe	% Mn	% Zn	% Cu	% B	% Si	pH	Lbs/Gal	% Bio-Enhancements*
	Cool Season Turf fl oz / M sq ft	Warm Season Turf fl oz / M sq ft											

SEA PLANT + AMINO ACID Based Nutrients

Fortify 6-0-0 APT6F2X25	3 - 6	4 - 8	6.00	-	0.50	0.50	-	-	-	0.30	3.0	10.8	15.5%
Cytozorb-S 4-0-1 APT4M2X25.1	3 - 6	3 - 6	-	0.53	2.00	0.25	0.20	-	-	-	2.9	10.9	15.5%
Tur-Gade 0-0-18 APTK18M2X25	3 - 6	4 - 7	-	-	0.50	0.45	-	-	-	-	7.5	10.6	10.5%
Chlorofast-S 6-0-0 APT6M2X25.1	3 - 4	4 - 8	-	2.00	-	5.00	-	-	-	-	3.8	10.4	10.5%
Nitroplast-S 19-1-4 APT19M2X250.1	3 - 6	4 - 11	-	-	0.50	0.18	0.10	0.10	-	-	7.9	10.5	10.5%

AMINO ACID Based Nutrients

Cytozorb 5-0-3 APT5M2X25	3 - 6	3 - 6	-	-	2.00	0.40	0.40	0.05	0.05	-	3.3	10.3	8.4%
PTO 5-10-5 APT5M2X250	4 - 6	8 - 12	-	1.00	1.00	0.50	0.10	0.10	-	-	4.1	11.3	3.4%
Nitroplast 18-3-4 APT18M2X25	3 - 6	4 - 13	-	-	1.00	0.10	0.10	0.12	-	-	2.8	10.6	3.4%

CLASSIC FOLIARS

NusioN 29-2-3 APT2922X25	2 - 8	2 - 8	-	-	-	-	-	-	-	-	11.0	11.0	0.0%
NusioN 2900 29-0-0 APT2922X250	2 - 8	2 - 8	-	-	-	-	-	-	-	-	10.2	10.6	0.0%
Minors Pkg 0-1-1 APT1MICRO2X25	Maintenance Rate: 0.75 - 2.25 To correct deficiencies: 3 - 5		-	1.00	2.45	0.25	0.025	-	0.02	-	9.2	10.0	0.0%

*Bio-enhancements include sea plant extracts, L-Amino acids, vitamins, stress-metabolite complexes and other naturally derived compounds that have a beneficial biological effect on turf health.

FOLTEC FOUNDATION PRODUCTS

The Building Blocks of a Foliar Program

Use Foltec Foundation Products when developing a foliar tank-mix strategy for the growing season. For best results, begin applications during early spring and continue applications during the summer stress months.



Fortify
sea plant extract + amino acids + essential immobile turf nutrients



Cytozorb-S
sea plant extract + essential turf nutrients + proprietary surfactant

Sea Plant Extracts: A Treasure of Complex Nutrients



The Andersons Sea Plant Extracts are derived exclusively from the most biologically active Sea Plant species in the world. They contain a complex array of organic and mineral compounds which include cytokinins, vitamins, sugars, enzymes, and proteins that help promote turf health and improved wear and drought tolerance.

Benefits of The Andersons Sea Plant Extracts:

- Synergistic with nutrients and other turf inputs
- Enhances plant resistance to stress
- Improves root growth
- Improves heat and drought tolerance
- Improves nutrient efficiency



DROUGHT TESTING

HERBICIDES

POST EMERGE

INSECTICIDES	CODE	ACTIVE INGREDIENTS/ DESCRIPTION	SGN	BAG WEIGHT	GOLF GREENS	GOLF FAIRWAYS	SPORTS FIELDS	RESIDEN- TIAL	ORNAMENTALS
Dimension®	APTDG25DM5.2	Dithiopyr 0.25%	150	50 lbs.		X	X	X	X
KOG™	AGC8695	Dicamba 0.7%	100	35.5 lbs.	X	X	X	X	

ANALYSIS	FEATURE	TYPICAL RATES		N COMPOSITION %				SOURCES		ACTIVE INGREDIENT RATES (PER ACRE)	SGN	DENSITY
		Product Lbs/M	Nutrients Lbs/M	Amm N	Urea N	WIN	WSN	P	K			
16-0-5 AGC16NML4	0.869% Millennium 25% NSN	4.0	0.6 - 0.0 N	-	16.0	-	0.0	-	KCI	1.20 lb 2,4-D 0.16 lb clopyralid 0.15 lb dicamba	150	53.4
16-0-9 APT164SR4.2	Surge 25% Poly-S	4.0 - 7.8	0.6 - 1.2 N	-	16.0	-	0.0	-	SOP	2.01 - 3.92 lb 2,4-D 0.30 - 0.59 lb MCPD 0.13 - 0.25 lb dicamba 0.06 - 0.12 lb sulfentrazone	150	50.4

PRE EMERGE WEED CONTROL

20-3-4 APT208PD5.2	APT208TD 5.2	4.0	174							1.50 lb pendimethalin		
21-0-5 APT212DMS.1	0.103% Dimension	2.8 - 8.4	0.6 - 1.8 N	-	21.0	-	-	-	KCI	0.13 - 0.38 lb dithiopyr	150	56.8



**ROUND UP • SPEED ZONE • BATTLESHIP
RANGER PRO • PRAMITOL**

INSECTICIDES

INSECTICIDES	CODE	ACTIVE INGREDIENTS/ DESCRIPTION	SGN	BAG WEIGHT	GOLF GREENS	GOLF FAIRWAYS	SPORTS FIELDS	RESIDENTIAL	ORNAMENTALS
Duocide™ (Golf)	AGCDGDU4	Carbaryl 2.3%, Bifenthrin 0.058%	150	40 lbs.	X	X	X	X	X
Insecticide III™	AGC8222.2	Chlorpyrifos 1.34%	100	28.12 lbs.	X	X			

ANALYSIS	FEATURE	Product Lbs/M	Nutrients Lbs/M	N COMPOSITION %						ACTIVE INGREDIENT RATES (PER ACRE)	SGN	DENSITY
				Amm N	Urea N	WIN	WSN	P	K			
15-0-15 AGC15NAC5	0.067% DuPont Acelepryn	3.4 - 11.5	0.5 - 1.7 N, K	-	15.0	-	0.0	-	SOP	0.10 - 0.33 lb Acelepryn	150	63.0

PRODUCT	ACTIVE INGREDIENT	PACKAGING	PRODUCT NOTES	COMPARATIVE PRODUCTS
Hawk-I™ 2L	Imidacloprid: 21.4%	4 x 1 gallon	Systemic	Merit® 2L



GROWTH REGULATORS

ANALYSIS	Product Lbs/M	Nutrients Lbs/M	Amm N	Urea N	WIN	WSN	SOURCES		ACTIVE INGREDIENT RATES (PER ACRE)	SGN	DENSITY
							P	K			
Governor G SGN 75 (APT) APTGR32	1.6 - 5.9	garnular carrier					-	-	0.12 - 0.44 lb trinexapac-ethyl	75	35.8
Turf Enhancer 2SC AGC8789	6.4 oz- 32 oz	liquid					-	-	0.10 - 0.50 lb paclobutrazol	liquid	67.0

PRODUCT	ACTIVE INGREDIENT	PACKAGING	PRODUCT NOTES	COMPARATIVE PRODUCTS
Cardinal™	Ethephon	2 x 2.5 gallon	Poa Annuu Seedhead Suppression	Proxy®
Monarch™	Paclobutrazol: 22.3% SC	4 x 1 gallon	Growth Suppression Systemic	Trimmit® 2SC
GoldWing®	Trinexapac-ethyl: 11.3% MEC	2 x 1 gallon 7.5 gallon BATPak	Growth suppression; leaf absorption	Primo® Maxx

FUNGICIDE

ANALYSIS	Product Lbs/M	CARRIER	SOURCES		ACTIVE INGREDIENT RATES (PER ACRE)	SGN	DENSITY
			P	K			
Fungicide VII on DGPro AGC8573	1.3 - 5.3	DG Pro Carrier	-	-	0.3 - 1.4 lb triademefon	100	47.1
Prophesy 0.72G Fungicide on DG Pro AGCDGPZ3	2.5 - 5.0	DG Pro Carrier	-	-	0.8 - 1.6 lb propiconazole	100	47.3
Fungicide IX AGC8549.1	1.9 - 5.8	Cob Carrier	-	-	2.7 - 8.2 lb chloroneb 1.4 - 4.1 lb thiophanate	100	30.0
Fungicide X AGC8510-1	2.4 - 7.2	Pulp Carrier	-	-	1.4 - 4.1 lb iprodione	80	46.1
5% Daconil Fungicide AGCFDC2.2	1.9 - 5.2	Cob Carrier	-	-	4.1 - 11.3 lb chlorothalonil	100	29.6

ANALYSIS	FEATURE	Product Lbs/M	Nutrients Lbs/M	N COMPOSITION %				P	K	ACTIVE INGREDIENT RATES (PER ACRE)	SGN	DENSITY
				Amm N	Urea N	WIN	WSN					
FF III 7-0-14 PCNB + chlorothalonil + propiconazole AGC73WFF3		3.3 - 6.7	0.5 - 0.9 K	3.5	0.5	1.2	1.8	-	SOP	10.9 - 21.8 lb PCNB 0.9 - 1.8 lb propiconazole 5.7 - 11.3 lb chlorothalonil	75	37.5
FF II 14-3-3 14.3% PCNB AGC8566.1		3.2 - 6.4	0.4 - 0.9 N	0.5	7.0	2.3	4.2	DAP	KCI	19.8 - 39.6 lb PCNB	75	22.5

PRODUCT	ACTIVE INGREDIENT	PACKAGING	PRODUCT NOTES	COMPARATIVE PRODUCTS
Dovetail®	Thiophanate-methyl 19.65% + Iprodione: 19.65%	4 x 1 gallon	Broad spectrum systemic activity	26/36™ Fungicide
Jetphiter™	Potassium Phosphite: 45.5%	2 x 2.5 gallon 7.5 gallon BATPak®	Systemic: Pythium	Alude®
Kestrel MEX NexGen	Propiconazole: 14.3%	4 x 1 gallon 7.5 gallon BATPak	Systemic: broad spectrum	Banner Maxx
Pegasus HPX NexGen	Chlorothalonil: 54%	2 x 2.5 gallon	Contact	Daconil WeatherStik
Peregrine®	Chlorothalonil: 50% Thiophanate-methyl: 16.66%	4 x 5 pound	Broad spectrum contact and systemic activity	Consyst® Spectro™ 90
Raven™	Iprodione: 23.3%	2 x 2.5 gallon	Broad spectrum with locally systemic activity	Chipco® 26GT®
Vireo®	Metalaxyl: 23% 2 lb per gallon	4 x 1 gallon 7.5 gallon BATPak	Systemic: Pythium	Subdue Maxx®

10 SYNC

Fungicide Activator

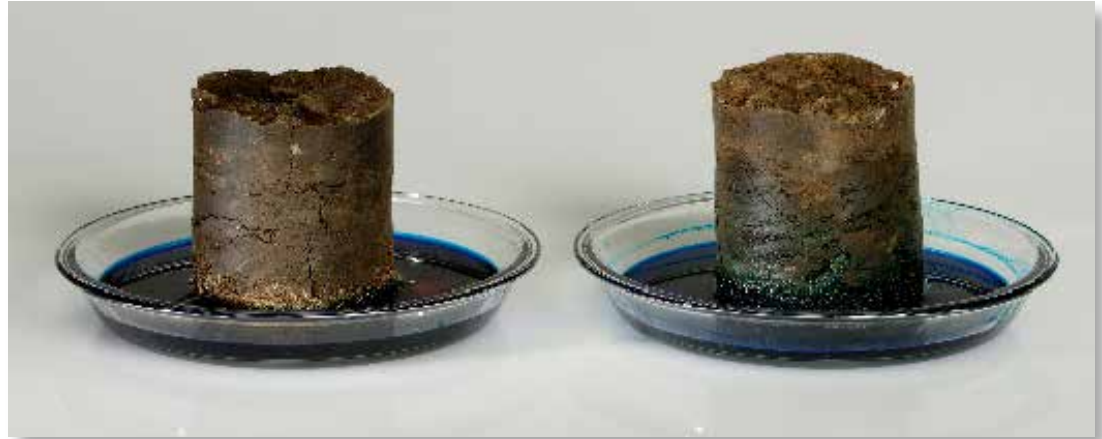
Unique, proprietary adjuvant technology enhances performance of contact and systemic fungicides, and lengthens disease control at reduced water volume on a wide variety of turf diseases.

Features & Benefits

- Maximized fungicide performance against a wide range of turf diseases
- Greater longevity of disease control
- Improved turf health
- Optimized playing conditions
- Reduced spray volume, application time, labor and interference with play

HEADWAY • INSTRADA • HERITAGE • TRINITY • INSIGNIA
SEGWAY • TORQUE

WETTING AGENTS



Cascade Plus Fertilizer 5-1-0

Wetting Agent & Fertilizer

Cascade Plus Fertilizer from Precision Laboratories combines the proven wetting agent technology of Cascade Plus with a unique fertilizer blend. Now you can apply enhanced water infiltration chemistry and essential soil nutrients in one easy application, on tees, fairways and roughs.

Features & Benefits

- Delivers long lasting wetting agent and fertilizer in one application
- Reduces the need for repeat spray applications
- Enhances water management, water efficiency and turf quality
- Reduces labor costs and turf maintenance
- Prevents localized dry spot
- Corrects hydrophobic soil conditions
- Accelerates wilt recovery from drought

Cascade Plus

Hydration & Infiltration

A combination of nonionic surfactants that hydrate the soil and penetrate to provide deeper, more uniform water infiltration, Cascade Plus™ is used to prevent localized dry spot (LDS), correct hydrophobic soil conditions and provide firmer, faster playing surfaces under all conditions.

Features & Benefits

- Produces firmer, faster playing surfaces – higher revenue and more satisfied players
- Improves irrigation efficiency – conserves water and saves money
- Prevents LDS – healthier turf and better playing conditions
- Long-lasting performance – more convenient, less labor and equipment

Precision EZ Tabs

Rescue Tablet

An easy-to-use tablet, containing the same active ingredient as Magnus, designed to hydrate the plant root zone and provide a rescue treatment for hot spots.

Features & Benefits

- Fits in commercial hose applicators – easy to use
- Can be used alone or as part of a comprehensive water management program – flexible

EX Tab Applicator

Cascade Plus 16G

High Water Infiltration

Cascade Plus 16G is specifically formulated to increase both the rate and depth of water and nutrient infiltration on hydrophobic soils.

Cascade prevents or corrects Localized Dry Spot (LDS) conditions for 4 to 6 months with a single application, making it the first true residual water infiltration system that gives long-lasting color and quality improvement. It can be used on all turfgrass areas, including golf course greens, tees, fairways, athletic fields, lawns and sod farms. It can also be used on newly seeded turfgrass in order to reduce watering needs.

Features & Benefits

- Safe to use any time of the year
- Fast, long-lasting relief of Localized Dry Spot (LDS) for up to 6 months
- Granular formula is easy to apply and saves time
- Convenient and flexible formulation that allows preventative or curative control

Magnus

Hydration Surfactant

A nonionic surfactant blend engineered with a hydrophilic-lipophilic balance that produces uniform hydration in the root zone and optimized growing conditions for new seedlings, stressed turf and upper root zone species.

Features & Benefits

- Uniform soil moisture – optimizes growing conditions for stressed turf and new seedlings
- Compatible with most plant protectants – saves labor and time
- Does not require post-application irrigation – more convenient, less disruption to play

Duplex

Infiltration Surfactant

Designed for irrigation injection, Duplex™ combines penetrants with a buffering agent that neutralizes hard water ions. Duplex improves the infiltration of rainfall or irrigation through thatch, moving water, plant protectants or nutrients into the soil solution. Infiltration Surfactant

Features & Benefits

- Improves water infiltration – efficient use of rainfall or irrigation
- Inject or spray – flexible application methods
- Sequesters hard water ions – improves soil conditions
- Compatible with plant protectants and other surfactants – optimized product performance

SEED

Sports turf (50/50)

25%	Gaelic Kentucky Bluegrass
25%	Coventry or Blackstone Kentucky Bluegrass
25%	Uno or Grey Star P Ryegrass
25%	Transformer or Showtime P Ryegrass

Sports turf (80/20)

20%	Gaelic Kentucky Bluegrass
20%	Midnight Star Kentucky Bluegrass
20%	Avalanche Kentucky Bluegrass
20%	Coventry or Blackstone Kentucky Bluegrass
20%	Grey Star or Showtime P Ryegrass

Ryegrass 100

35%	Showtime P Ryegrass
35%	Grey Star P Ryegrass
30%	Majesty or Uno P Ryegrass

Bentgrass

Pencross Creeping Bentgrass

Other varieties available upon request

AQUATICS

Jet Black Liquid

Lake & Pond Dye

Proprietary blend of environmentally friendly, nontoxic black dyes reduces sunlight penetration and imparts a natural black, reflective color.

Features & Benefits

- Reflective, black color
- Easy to use
- Highly concentrated
- Harmless to fish and wildlife

True Blue

Lake & Pond Dye

Proprietary blend of environmentally friendly, nontoxic dyes reduces sunlight penetration and imparts a natural blue color. Waterproof, foil-lined SoluPak prevents accidental staining.

Features & Benefits

- Natural blue coloring
- Unique packaging eliminates risk of staining during handling
- Each overpack is fully labeled to prevent misapplication
- No irrigation or recreational restrictions
- Nontoxic



Devour

Aquatic Waste & Sludge Reducer

Proprietary blend of enzymes, facultative and nonfacultative bacteria accelerates breakdown of partially decomposed organic matter.

Features & Benefits

- Concentrated “function specific” formulation provides 20 to 30 times more activity than ordinary biologicals
- More effective at metabolizing phosphorus than ordinary biologicals
- More effective at reducing organic sludge layers
- Reduces the need for dredging
- Improves overall water quality and reduces foul odors
- Easy to use 1/2 pound water-soluble packets

Spectrum

Aquatic Nutrient Metabolizer

Function-specific formulation of select bacteria strains improves water quality by reducing nutrient levels and suspended organic matter in the water column.

Features & Benefits

- Concentrated “function specific” formulation provides 10 to 15 times more activity than ordinary biologicals
- More effective at metabolizing phosphorus than ordinary biologicals
- Reduces the need for mechanical harvesting and algaecides
- Improves water clarity and quality by balancing the ecosystem
- Easy to use 1/2 pound water-soluble packets
- Can be integrated with chelated copper products and True Blue Lake and Pond Dye

Extreme Microbial

Citrine

CHEMICALS

Knockdown

Foam Suppressant

Foam suppressant quickly defoams spray solutions containing nonionic surfactants, silicone surfactants or crop oil concentrates.

Features & Benefits

- General purpose antifoamer and defoamer
- Prevents foam spillover
- Easy-to-use fliptop lid and 2 oz. dosing increments with viewstrip on quart containers

Super Signal Green

Green Spray Pattern Indicator Concentrate

Concentrated green spray pattern indicator formulated to further reduce golfer awareness of pesticide applications compared to ordinary blue spray colorants by providing a temporary green tint to treated areas.

Features & Benefits

- Color blends more naturally with turf to minimize golfer awareness
- Concentrated formulation means less product to handle and store
- Single-dose quarts reduce risk of staining during mixing and handling
- Optimizes spray accuracy
- Temporary color dissipates with moisture or sunlight
- Nontoxic

Incid-Out

Spray Tank Cleaner

Liquid spray tank cleaner emulsifies and bonds pesticide residues to rinse water for complete purging.

Features & Benefits

- DuPont and Syngenta approved
- Won't plug screens and nozzles like dry tank cleaners
- Penetrates residue buildup
- Antiredeposition aids improve cleanout
- High pH neutralizes organic acids
- Can be disposed of with normal rinsate solution
- Contains corrosion inhibitors to protect equipment
- Low-use rates

Runway

Turf Marking Foam

Quick dissipating turf foam marker. Will not discolor sensitive turf like ordinary marking foams.

Features & Benefits

- High visibility foam for 20 minutes
- Dissipates to less than 1% of original volume in 45 minutes
- Aids in accurate application
- Reduced golfer awareness
- Safe on sensitive grasses
- Will not discolor turf
- Noncorrosive, nonflammable, nonstaining

Speed

Nonionic Siloxane Surfactant

Low-foaming, low-use rate, nonionic siloxane surfactant moves spray solution up and down plant for superior coverage.

Speed is drift retardant compatible and should be used with pesticides that rely on coverage as a primary method of offering control or protection.

Features & Benefits

- Provides superior coverage of contact pesticides
- Improves rainfastness
- Low-use rate
- Low foaming

Microyl

Crop Oil Replacement

Activator adjuvant provides superior performance and improved turfgrass safety at lower use rates than ordinary crop oil concentrates.

Features & Benefits

- Manufacturer-approved adjuvant
- Proven performance and turfgrass safety
- Low use rates of 3-4 pints per 100 gallons
- 40% less product to inventory, store and handle
- Saves warehouse space
- Reduces time required for mixing
- Mixes easily
- Disperses in cold water
- Creates a stable micro emulsion
- Won't leave oily residues in tank

Replace

Permanent Divot Mix Colorant

A permanent colorant specifically formulated to impart a long-lasting green color to sand during the mixing phase of divot mix preparation.

Features & Benefits

- Photo stable formulation provides long-lasting color
- Natural green color blends easily with turf
- Won't harm germination of sensitive turfgrass seed
- Economical

Regreen

Permanent Turfgrass Colorant

Nonphytotoxic colorant specifically formulated to impart a long-lasting, natural green color when applied to dormant and non-dormant turfgrasses.

Features & Benefits

- Natural, long-lasting natural green color
- Easy to blend treated areas into existing turf
- No tank mixing needed to achieve proper color
- Safe to dormant and nondormant turfgrasses

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