



TCS
GrowStar
PROFESSIONAL TURF PRODUCTS

Professional Fertilizer Products

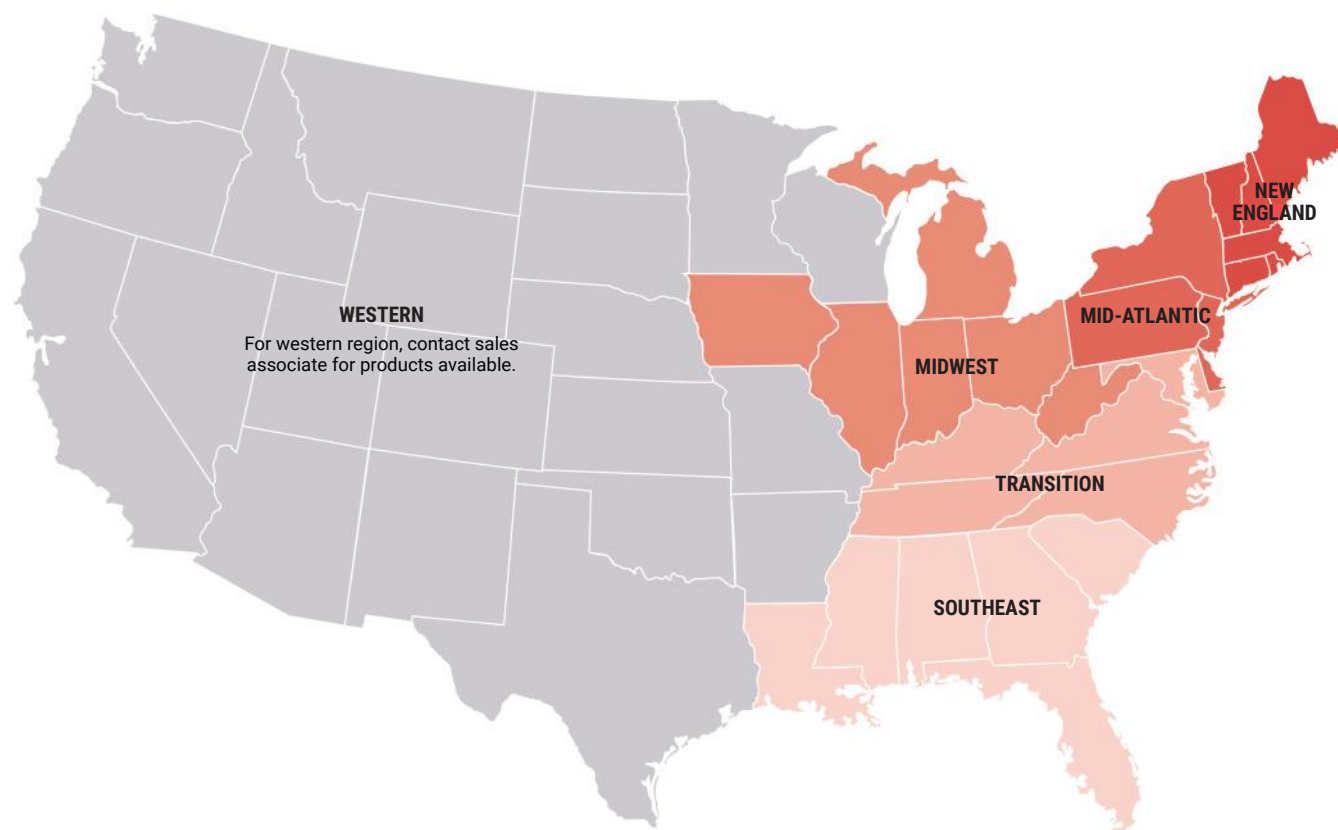
Fertilizers, Herbicides,
Insecticides & Soil
Amendments





Regional Product Registration Map

Please refer to the map below while you are reviewing the Product Catalog to ensure the product is available in your region.



REGION	NEW ENGLAND	MID-ATLANTIC	MIDWEST	TRANSITION	SOUTHEAST
STATES	CT, MA, ME, NH, RI, VT	DE, NJ, NY, PA	IA, IL, IN, MI, OH, WV	DC, KY, MD, NC, TN, VA	AL, FL, GA, LA, MS, SC



Turf Care Supply GrowStar Fertilizers are professional-grade products designed for high-performance turf management. They feature advanced herbicide, insecticide, and slow-release technologies such as TTRU™ and XCU®, which deliver nutrients consistently over extended periods (60 to 180 days). These technologies offer excellent weed and insect control while ensuring precise nutrient release. This helps reduce the risk of nitrogen leaching or loss, promoting efficient nutrient uptake and superior growth in lawns and landscapes.





Product Catalog

Fertilizers, Herbicides, Insecticides & Soil Amendments

To view labels & SDS scan the QR code or go to: ACEProFertilizers.com/Products

Fertilizers, Herbicides, Insecticides & Soil Amendments						REGION REGISTERED				
To view labels & SDS scan the QR code or go to: ACEProFertilizers.com/Products						New England	Mid-Atlantic	Midwest	Transition	Southeast
ITEM #	DESCRIPTION	CATEGORY	PKG. WT	COVERAGE (SQ. FT.)	SLOW RELEASE N (as a % of Total N)					
Fertilizers										
902454	08-10-10 50%XCU 3%FE 2%MN 2%MG	Landscape & Ornamentals	50lb Bag	4,000*	50					✓
903059	08-02-12 40%TTRU60 40%TTRU90 3%FE 3%MN 3%MG	Palm & Tropical	50lb Bag	4,000*	90					✓
902378	12-00-04 30%XCU W/TCS CAL-STAR	Fall Fertilizer	50lb Bag	6,000*	30	✓	✓			
902336	12-24-10 25%XCU	Starter Fertilizer	50lb Bag	6,000*	25	✓	✓	✓	✓	✓
902445	13-03-13 50%XCU 1%FE 1%MN 4%MG	Landscape & Ornamentals	50lb Bag	6,500*	50					✓
902260	14-14-14 50%TTRU120 3%FE	All-Purpose Fertilizer	50lb Bag	7,780**	50		✓			✓
905268	15-00-15 50%XCU 2%FE 1%MN 1%MG	Lawn Fertilizer	50lb Bag	7,500*	50					✓
901481	18-00-03 40%XCU 2%FE	Lawn Fertilizer	50lb Bag	9,000*	40	✓	✓			
902128	24-00-05 40%XCU 2%FE	Lawn Fertilizer	50lb Bag	12,000*	40	✓	✓	✓	✓	✓
902425	24-00-11 50%XCU 6%FE	Lawn Fertilizer	50lb Bag	12,000*	50				✓	✓
902621	30-00-05 50%XCU	Lawn Fertilizer	50lb Bag	15,000*	50		✓	✓	✓	✓
902717	33-00-04 20%XCU	Fall Fertilizer	50lb Bag	16,665*	20		✓	✓		
Fertilizer + Herbicides										
901813	PRODIAMINE .37% 00-00-07	Pre Emergent	50lb Bag	16,129 [†]	-		✓	✓	✓	✓
902538	PRODIAMINE .37% 13-00-05 25%XCU	Pre Emergent (Crabgrass Preventer)	50lb Bag	16,129 [†]	25		✓	✓	✓	
904857	PRODIAMINE .37% 15-00-15 50%XCU 1%FE 1%MN 2%MG	Pre Emergent w/Micros	50lb Bag	16,129 [†]	50				✓	✓
902784	PRODIAMINE .37% 18-00-03 25%XCU	Pre Emergent (Crabgrass Preventer)	50lb Bag	16,129 [†]	25	✓	✓	✓	✓	
901190	DIMENSION .15% 00-00-07	Pre (Some Post) Emergent	50lb Bag	17,240 [†]	-	✓	✓	✓	✓	✓
902238	DIMENSION .15% 13-00-05 25%XCU	Pre (Some Post) Emergent	50lb Bag	17,240 [†]	25	✓	✓	✓	✓	✓
902776	DIMENSION .15% 18-00-03 25%XCU	Pre (Some Post) Emergent	50lb Bag	17,240 [†]	25	✓	✓	✓	✓	✓
902760	ATRAZINE .92% 20-00-10 50%XCU	Pre + Post Emergent	50lb Bag	13,370 [†]	50					✓
904009	LOCKUP 3-WAY 17-00-04 30%XCU	Post Emergent (Controls Broadleaf Weeds)	50lb Bag	14,700 [†]	30	✓	✓	✓	✓	
Fertilizer + Insecticides										
900386	TALSTAR .069% 00-00-07	Surface (Fleas, Ticks, Ants...)	50lb Bag	15,000 [†]	-	✓	✓	✓	✓	✓
902790	TALSTAR .069% 12-00-05 30%XCU	Surface (Fleas, Ticks, Ants...)	50lb Bag	15,000 [†]	30	✓	✓	✓	✓	
901753	TALSTAR .069% 17-00-05 30%XCU	Surface (Fleas, Ticks, Ants...)	50lb Bag	15,000 [†]	30	✓	✓	✓	✓	✓
901841	ACELEPRYN .067% 00-00-07 25%XCU	Subsurface (Grubs)	50lb Bag	14,535 [†]	25	✓	✓	✓	✓	
901846	ACELEPRYN .067% 15-00-00 25%XCU	Subsurface (Grubs)	50lb Bag	14,535 [†]	25	✓	✓	✓	✓	
901844	ACELEPRYN .067% 22-00-05 40%XCU	Subsurface (Grubs)	50lb Bag	14,535 [†]	40	✓	✓	✓	✓	✓
Soil Amendments + Biological (AMP-XC™)										
903767	AMP-XC™ LIQUID CONCENTRATE + HUMIC & IRON	Soil Amendment	1 Gal (4X - case)	128,000**	-	✓	✓	✓	✓	✓
902560	HI-CAL LIME POWERED BY AMP-XC™ + HUMIC & IRON	Soil Amendment	50lb Bag	8,250**	-	✓	✓	✓	✓	✓

* Coverage reflects an application rate of 1 lb N per 1,000 sq. ft.. See label for application rate instructions.

** Coverage based on Base Application Rate. See label.

† See label for application rate instructions. Coverage statement based on minimum effective application rate of active ingredient(s).

XCU® is a Slow-Release Nitrogen technology and TTRU™ is a Controlled-Release Nitrogen technology.



Fertilizer Technologies

Slow & Controlled Release Nitrogen

Slow and controlled release fertilizers provide a steady and prolonged supply of nitrogen, which enhances plant health, reduces nutrient loss, improves nutrient uptake and offers flexible longevities to meet desired application schedules.



XCU® Slow-Release Fertilizer



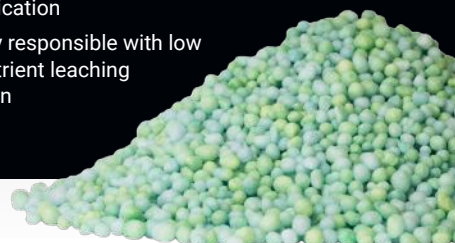
Coating: Polymer Coated - Sulfur Coated Urea (Pcscu)

Longevity: Up to 10 Weeks

XCU® Slow-Release Fertilizer is the #1 choice of technology to the Professional Lawn & Landscape industry. This leading and patented technology, XCU®, is the workhorse of slow-release fertilizers, providing reliable and steady nutritional uptake for up to 10 weeks. XCU® also has a high nitrogen (N) content (43%) with the unique addition of sulfur (4%), which provides added nutrition to the plant and the soil. With XCU®, more area can be covered per application, the PCSCU coating reduces nitrogen loss to the environment, and it provides consistent longer lasting nutrition, which is more efficient, sustainable and economical. Also, with less nitrogen lock-off, more of the applied nitrogen is taken up and utilized by the turf or plant for optimal health, appearance and ROI.

Benefits

- Unique polymer and sulfur coated technology provides reliable, consistent slow-release feeding
- Contains sulfur, a natural soil conditioner that helps reduce sodium levels in soil
- Dual-coated technology provides up to 10 weeks of plant uptake
- Increased percentage of XCU® fertilizer in blends delivers increased value and improved nutrient uptake
- Highly flowable for ease of handling and consistent application
- Environmentally responsible with low potential for nutrient leaching and volatilization



TTRU® Controlled-Release Fertilizer



Coating: Polymer Coated Urea (PCU)

Longevity: 60, 90, 120 and 180 Day Release

TTRU™ Controlled Release Fertilizer is developed with an advanced technology, innovatively engineered with a precise and durable coating for outstanding and reliable performance. Developed for the commercial and residential lawn care, golf and sports turf industries. TTRU™ is available in various extended nitrogen release options, allowing you to customize your application program to fit your operational needs. The thickness of coating determines longevity from 60 to 180 days per application.

Benefits

- **PROVEN** - Controlled-release technology that provides a reliable and gradual release of nitrogen for extended nutrition and consistent, vibrant and healthy turf
- **DURABLE** - Stays intact during transportation, blending and application to maintain consistent release of nutrition and more efficient release of nitrogen in the first 7 days!
- **PRECISE, METERED NUTRITION** - Reduced likelihood of feast/famine cycles, growth flushes and burn
- **STRENGTHENS** turf against weed and disease pressures
- **SUSTAINABLE** - Greatly reduces the potential for nutrient leaching, denitrification, runoff or volatilization
- **ECONOMICAL** - Maximizes ROI on labor and operating cost. Is less costly per day to maintain healthy turf
- **FLEXIBLE** - Longevities available in 60, 90, 120, 180 day



Herbicide Technologies

Pre & Post Emergent Herbicides (Weed Control)

Pre-emergent and post-emergent herbicides are two types of herbicides used to control weeds, but they work at different stages of weed growth. Pre-emergent herbicides are applied to the soil before the targeted weeds germinate and post-emergent herbicides are applied after weeds have emerged and are actively growing.



PRODIAMINE Pre-Emergent Herbicide

Prodiamine HERBICIDE

Active Ingredient: Prodiamine

Prodiamine is a pre-emergent herbicide that can help prevent weeds from growing in established turfgrass and ornamentals. It works by stopping weed seeds from germinating before they can sprout from the soil. Prodiamine can be used in the spring and fall to control weeds like crabgrass and annual bluegrass, and can be effective against other weeds such as henbit, cheatgrass, goosegrass, spurge, and chickweed. The rate of active ingredient on the label determines the length of effective weed prevention.

See label for the list of weeds prevented and approved grass types.

Benefits

- Prevents the germination of a variety of annual grasses and broadleaf weeds including; crabgrass, summer annual grasses, annual bluegrass, goosegrass, spurge, chickweed, henbit, and cheatgrass
- Offers extended weed control (the higher rate of the active ingredient, the longer the length of prevention)
- When applied prior to weed germination, it minimizes the need for post-emergent herbicide applications and manual weed removal, saving time and labor costs
- Suitable for use on various types of turfgrass, including residential lawns, sports fields, and golf courses
- Low risk of staining

DIMENSION® Pre & Post-Emergent Herbicide



Active Ingredient: Dithiopyr

Dimension® specialty herbicide stands out as the only pre-emergence solution that also delivers outstanding early post-emergence control of crabgrass. Additionally, it has been proven effective against more than 45 other grassy and small-seeded broadleaf weeds. Dimension® can be used on residential and commercial lawns, golf courses and sports turf, and in landscape, nursery and greenhouse ornamentals.

See label for the list of weeds prevented, controlled and approved grass types.

Benefits

- Pre and post-emergent herbicide provides superior control and a longer window of effective application
- Proven effective on more than 45 other grassy and small-seeded broadleaf weeds
- Season-long control of crabgrass and control or suppression of listed annual grasses and broadleaf weeds in ornamental landscape areas, established lawns and ornamental turf, including golf course fairways, roughs and tee boxes
- Can be applied with confidence to turf and ornamental settings, making it an ideal border-to-border solution
- Low odor and non-staining

ATRAZINE® Pre & Post-Emergent Herbicide



Active Ingredient: Atrazine

Atrazine® is a highly effective pre and post-emergent herbicide that prevents crabgrass and kills other troublesome weeds, ensuring healthier and more vigorous plant growth. Atrazine® is most commonly used in agriculture but is highly effective on turf as well. Only recommended for use on ST. AUGUSTINE GRASS AND CENTIPEDE GRASSES.

See label for the list of weeds prevented, controlled and approved grass types.

Benefits

- Prevents Crabgrass, Paspalums, and Spotted Spurge. Controls Dollarweed, Florida Pusley, Lippia, Pigweed and over forty-five more weeds as listed
- Specially developed for warm season turf (Only recommended for use on ST. AUGUSTINE GRASS and CENTIPEDE GRASSES)
- Highly effective on hard to manage southern weeds
- Provides season-long control of annual grassy and broadleaf weeds

LOCK-UP® Post-Emergent Herbicide



Active Ingredient: 2,4-D, Penoxsulam and Dicamba

LockUp® is a 3-way postemergence control of annual and perennial broadleaf weeds in established turfgrass. Labeled for use on both warm- and cool-season grasses, LockUp® offers excellent control of broadleaf weeds, including white clover, dollarweed, dandelion and English lawn daisy.

Benefits

- Controls more than 25 broadleaf weeds
- Effective at low rates: Provides superior postemergence control at extremely low active ingredient rates (0.02 to 0.06 lb. a.i./A) and shows increased efficacy compared with other herbicide options.
- Year-round application: Labeled for use on both warm- and cool-season grasses, LockUp® offers excellent control of broadleaf weeds, including white clover, dollarweed, dandelion and English lawn daisy.
- Not only does LockUp demonstrate superior efficacy, but it also helps decrease the overall pesticide load in the environment



Insecticide Technologies

Surface & Subsurface Pest Control

Surface insecticides are often used to manage pests that are active on the soil, turf, or landscape surface like ants, fleas and ticks. Subsurface insecticides are designed to target pests that live or feed below the ground, such as root-feeding insects or pests that burrow into the soil like grubs, rootworms, and other soil-dwelling insects.



ACELEPRYN® Subsurface Insecticide



Active Ingredient: Chlorantraniliprole*

For systemic control of white grubs and other listed pests infesting landscape and recreational turfgrass (including golf courses) as well as landscape ornamentals, interior plantscapes and sod farms.

* Chlorantraniliprole belongs to the anthranilic diamide chemical class.

Pest Controlled

White Grubs (including Aphodius spp., Asiatic garden beetle, Black turfgrass atenius, European chafer, Green June beetle, Japanese beetle, May/June beetles phylophaga spp., Northern masked chafer, Oriental beetle and Southern masked chafer) Billbugs, European Crane Fly, Turf caterpillars (including armyworms, cutworms and sod webworms), Annual bluegrass weevil, Chinch bugs (suppression only)



TALSTAR® Surface Insecticide



Active Ingredient: Bifenthrin

Talstar® Professional insecticide achieves long-lasting control of over 75 pests, including ants, termites, cockroaches, spiders, bed bugs, fleas, ticks and especially, mosquitoes. Talstar® is the number one trusted brand of insecticides for more than 25 years. Talstar® provides dependable efficacy against surface feeding pests and is ideal for lawn, landscape and perimeter.

Pest Controlled

Annual Bluegrass Weevils (Hyperodes) (Adult), Ants & Fire Ants, Armyworms, Billbugs (Adults), Black Turfgrass, Attenius (Adults) Centipedes, Chinch Bugs, Cutworms, Fleas, Leafhoppers, Mealybugs, Millipedes, Mole Crickets, Sod Webworms, Ticks



Soil Amendments

Hi-Calcium Lime powered by AMP-XC™



Ingredients: Hi-Calcium Limestone, AMP-XC™ (Microbial Metabolites), Humic, Iron, EDTA

Hi-Calcium LIME powered by AMP-XC™ is a unique, 100% soluble multi-action hi-calcium lime enriched with AMP-XC™ (microbial metabolites), Humic and EDTA Iron. Together, these ingredients quickly neutralize acid soils, greatly improve nutrient uptake and moisture storage and provides rapid and deep greening.

Blackout out or nitrogen and/or phosphorus restriction compliant.

Benefits

- 100% Soluble, quickly neutralizes acidic soils, unlocking nutrients, leading to optimum turf growth
- Improves soil structure and promotes better root growth
- Increases the organic matter in deficient soils
- Strengthens turf against environmental stresses, heat, dry weather and foot traffic
- Improves plants performance by providing microbial metabolites, which is a rich source of protein hydrolysates, amino acids, organic acids, volatile organic compounds (VOCs), fulvic acids and natural bacteria
- Quick greening through increased photosynthesis and soluble iron
- Restrictions or Blackout COMPLIANT
- Low dust and great coverage - 1 bag covers 8,250 sq ft



AMP-XC™ Liquid Concentrate with Humic and Iron



Ingredients: Microbial Metabolites (AMP-XC™), Humic (7.0%), Iron, EDTA (.4%)

TCS AMP-XC™ Liquid Concentrate is an innovative fertilizer biocatalyst and soil amendment. AMP-XC™ consists of microbial metabolites (protein hydrolysates, amino acids, organic acids, fulvic acids, natural bacteria) that increases the availability and uptake of plant nutrients and improves plant performance to get more from fertility management programs. AMP-XC™ technology allows you to restore and protect your turf, fairways and ornamentals and increases the uptake and effectiveness of your current nutrient management program. Can be tank mixed with most products.

Benefits

- Deeper & Stronger Roots
- Stress Recovery & Prevention
- Deep Greening
- Seed Establishment & Germination
- Nutrient Availability & Uptake (up to a 30% increase!)
- Restrictions or Blackout COMPLIANT
- 1 gallon covers 128,000 sq ft / 4 gallons in a case

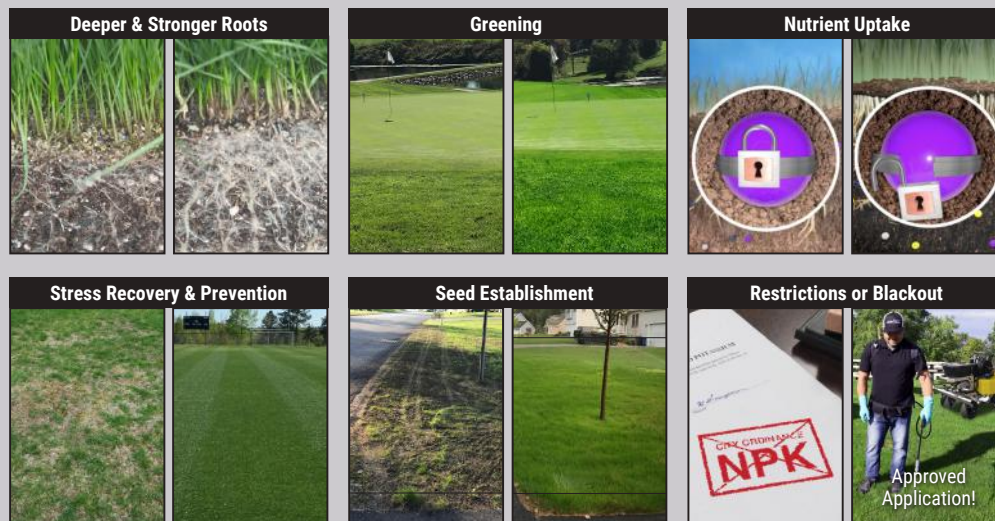


Want to MAXIMIZE your Turf's Appearance and Health?

AMP it Up



AMP-XC™ Technology is an innovative soil amendment and fertilizer biocatalyst consisting of microbial metabolites that increases the availability and uptake of plant nutrients, and improves plant performance to get more from fertility management programs.





Questions or Ready to Order?

For Labels & SDS, Scan:

Sales Contact:

Store Location:

Phone Number:

Notes:

