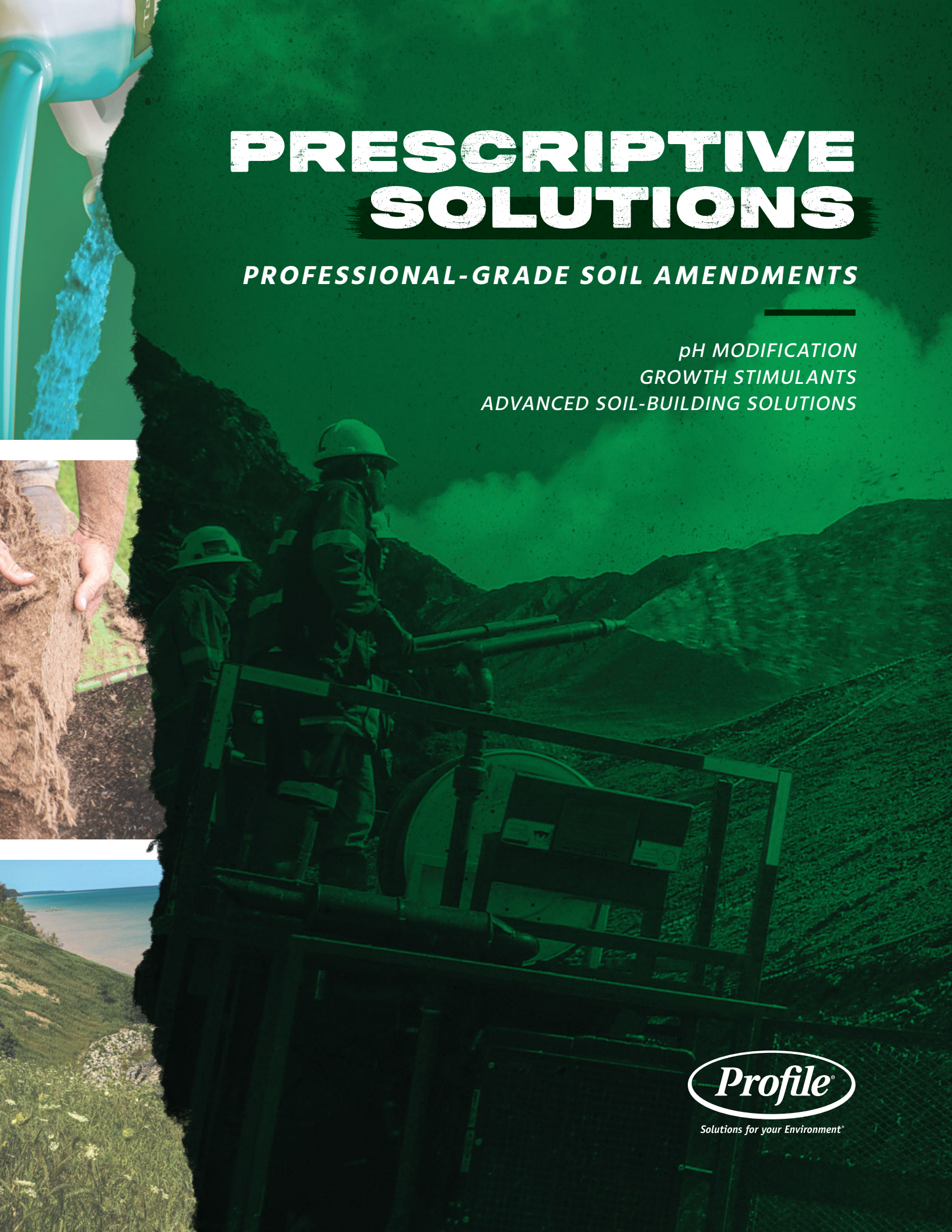




PRESCRIPTIVE SOLUTIONS

PROFESSIONAL-GRADE SOIL AMENDMENTS

pH MODIFICATION
GROWTH STIMULANTS
ADVANCED SOIL-BUILDING SOLUTIONS



Solutions for your Environment®

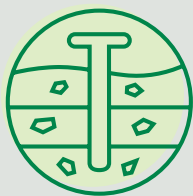
BUILT FOR THE FACTORS YOU FACE

No project begins with perfect conditions, which is why top professionals know success depends on taking the right steps from the start. That's where Profile® ProPlus® Prescriptive Solutions come in. Backed by testing, research and decades of expertise, our ProPlus line of soil amendments is engineered to deliver professional-grade performance when it matters most.

A STRONG FOUNDATION STARTS WITH THE FUNDAMENTALS

From soil testing to prescriptive solutions, we help you rise to the challenge. Profile's 5 Fundamentals for establishing sustainable vegetation take the guesswork out of crucial decisions and help you close out projects faster.

The 5 Fundamentals



1
Assess and Create
Optimal Soil Conditions



2
Pick the Right
Plant Species



3
Select the Correct
Erosion Control Material



4
Ensure Proper
Installation



5
Follow-up Inspections and
Maintenance Practices

Start with a **FREE SOIL TEST** through Profile Soil Solutions Software (PS³) to get site-specific prescriptions. With the right foundation, every other decision becomes easier and more effective.



ProPlus® Prescriptive Solutions

Establish and sustain vegetation with the industry's most advanced soil amendments

Water Management

Greater hold, greater germination

AquaGel™

A non-toxic, super-absorbent co-polymer gel that stores up to 400x its weight in water and delivers it back to plants on demand. Offered in coarse or fine particle sizes, it also reduces watering while minimizing transplant shock.

Rates: 10 lb/ac (11.2 kg/ha) for hydroseeding; 1 lb (0.5 kg) per 40 gal (151 L) of water for root dipping



Tank Loads	AquaGel
300 gal (1,136 L)	1 lb (0.5 kg)
500 gal (1,893 L)	2 lb (0.9 kg)
900 gal (3,407 L)	3 lb (1.4 kg)
1,500 gal (5,678 L)	5 lb (2.3 kg)
3,000 gal (11,356 L)	10 lb (4.5 kg)

FlocLoc™

A polyacrylamide (PAM) flocculating soil stabilizer that improves water infiltration, increases water-holding capacity and enhances slurry shoot distance while keeping particles in place.

Rate: 3 lb/ac (3.4 kg/ha)



Tank Loads	FlocLoc
300 gal (1,136 L)	0.3 lb (0.1 kg)
500 gal (1,893 L)	0.5 lb (0.2 kg)
900 gal (3,407 L)	0.9 lb (0.4 kg)
1,500 gal (5,678 L)	1.5 lb (0.7 kg)
3,000 gal (11,356 L)	3 lb (1.4 kg)

Growth Stimulants

Nourish plants for rapid establishment and long-term vitality

JumpStart®

Accelerates germination with soil penetrants, humic acid and more than 200 species of soil bacteria. Improves moisture infiltration, nutrient uptake and reduces soil compaction.

Rates based on soil testing; 1.25-5 gal/ac (12-47 L/ha)



BioPrime®

Biostimulant with slow-release nitrogen, humic acid, seaweed extract and endomycorrhizae to rejuvenate poor soils, reduce plant stress and sustain growth.

Rates based on soil testing; 40-160 lb/ac (45-179 kg/ha)



Typical Application Rates

EC ¹ mmhos/cm	TDS ² ppm	SAR ³	CEC% Sodium ⁴	%OM ⁵	%OA ⁶	JumpStart	BioPrime
< 0.4	< 256	< 2.0	< 2.5	≥ 5.0	≥ 5.0	Ideal Ranges	
≥ 0.4 & < 0.75	≥ 256 & < 480	≥ 2.0 & < 3.0	≥ 2.5 & < 4.0	≥ 2.0 & < 5.0	≥ 2.5 & < 5.0	1.25 gal/ac (12 L/ha)	40 lb/ac (45 kg/ha)
≥ 0.75 & < 1.5	≥ 480 & < 960	≥ 3.0 & < 4.0	≥ 4.0 & < 6.0	≥ 1.5 & < 2.0	≥ 1.7 & < 2.5	2.5 gal/ac (23 L/ha)	80 lb/ac (90 kg/ha)
≥ 1.5 & < 3.0	≥ 961 & < 1,920	≥ 4.0 & < 5.0	≥ 6.0 & < 7.0	≥ 0.75 & < 1.5	≥ 1.0 & < 1.7	3.75 gal/ac (35 L/ha)	120 lb/ac (134 kg/ha)
≥ 3.0 & < 7.0	≥ 1,920 & < 4,480	≥ 5.0 & < 7.0	≥ 7.0 & < 15.0	< 0.75	< 1.0	5.0 gal/ac (47 L/ha)	160 lb/ac (179 kg/ha)
≥ 7.0	≥ 4,480	≥ 7.0	≥ 15.0	N/A	N/A	Contact Manufacturer for Specific Site Recommendations	

¹Electrical Conductivity. ²Total Dissolved Salts. ³Sodium Adsorption Ratio. ⁴Sodium as % Base Saturation CEC (Cation Exchange Capacity). ⁵Organic Matter. ⁶Organic Acids

Advanced Soil-Building Solutions

Replace costly compost and topsoil with smarter, safer alternatives

ProGanics® Biotic Soil Media

Boosts organic matter in denuded soils when topsoil is unavailable or impractical. Easy to apply and engineered for steep slopes, wet/frozen soils or remote sites.

Rates based on soil testing: 3,500-5,000 lb/ac (3,920-5,600 kg/ha)

ProGanics BSM		
% Organic Matter	lb/ac	kg/ha
< 0.75	5,000	5,600
≥ 0.75 & < 1.5	4,500	5,040
≥ 1.5 & < 2.0	4,000	4,480
≥ 2.0 & < 5.0	3,500	3,920

Soils with organic matter > 5% typically do not require ProGanics. In absence of a soil test, apply at 5,000 lb/ac (5,600 kg/ha).



ProGanics® DUAL™

Combination of soil-building properties and erosion control protection of a Bonded Fiber Matrix (95% effective) in one application. Saves time and tank loads, lowers installed costs and speeds close-out. Ideal for large, time-sensitive projects.

Rates based on soil testing: 4,000-6,500 lb/ac (4,480-7,290 kg/ha)

ProGanics DUAL			
% Organic Matter ¹	Slope Gradient	English (lb/ac)	Metric (kg/ha)
< 5.0 & ≥ 1.5	≤ 4H:1V	4,000	4,480
< 1.5 & ≥ 0.75	> 4H:1V & ≤ 3H:1V	5,500	6,160
< 0.75	> 3H:1V & ≤ 2H	6,500	7,290

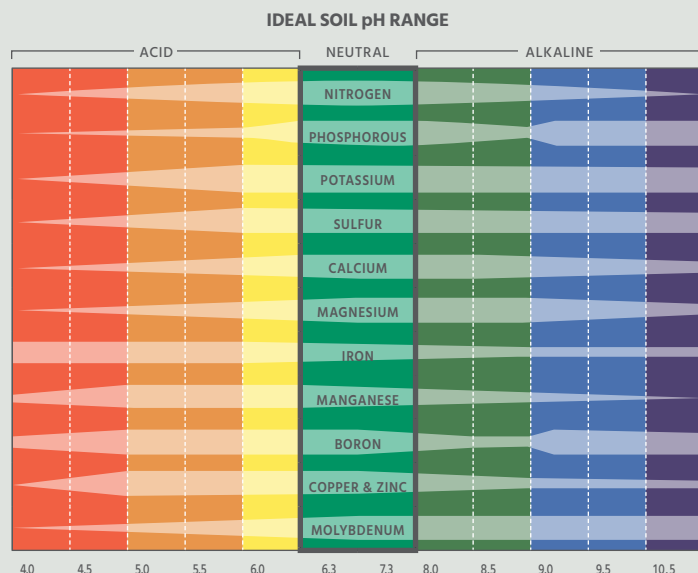
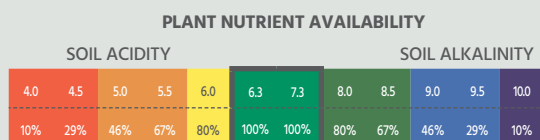
¹Based on Soil Test Results. Refer to Profile’s Soil Testing and Interpretation Guide for more information.



pH Modification

Correct your soil pH to improve nutrient uptake and growth

Soil pH is second only to moisture availability in its impact on vegetation establishment. NeutraLime™ and Aqua-pHix™ quickly improve acidic or alkaline soils — promoting germination, faster growth and healthier vegetation.



NeutraLime Dry

A fast-acting calcium carbonate that works in 3–7 days to raise pH.

Rates based on soil pH test results; 40–400 lb/ac (45–448 kg/ha)

NeutraLime Dry	
Acidic Soils	5.9 – 6.2 40 lb/ac (45 kg/ha)
	5.5 – 5.8 80 lb/ac (90 kg/ha)
	5.1 – 5.4 160 lb/ac (179 kg/ha)
	4.7 – 5.0 240 lb/ac (269 kg/ha)
	4.3 – 4.6 400 lb/ac (448 kg/ha)
	< 4.2 Contact Profile agronomist for specific site recommendations



NeutraLime Liquid

A high-purity suspended limestone that effectively raises pH in 7–10 days.

Rates based on soil pH test results; 2.5–25 gal/ac (23.4–234 L/ha)

NeutraLime Liquid	
Acidic Soils	5.9 – 6.2 2.5 gal/ac (23 L/ha)
	5.5 – 5.8 5 gal/ac (47 L/ha)
	5.1 – 5.4 10 gal/ac (94 L/ha)
	4.7 – 5.0 15 gal/ac (140 L/ha)
	4.3 – 4.6 25 gal/ac (234 L/ha)
	< 4.2 Contact Profile agronomist for specific site recommendations



Aqua-pHix Hydro

An acid blend for lowering pH in water or soils. It also dissolves bicarbonates and assists vegetation in saline soils.

Rates and reapplication are based on soil pH and/or bicarbonate soil tests; 2.5–10 gal/ac (23–94 L/ha)

Aqua-pHix Hydro	
Alkaline Soils	> 9.3 Contact Profile agronomist for specific site recommendations
	8.7 – 9.2 10 gal/ac (94 L/ha)
	8.0 – 8.6 5 gal/ac (47 L/ha)
	7.4 – 7.9 2.5 gal/ac (23 L/ha)
	6.3 – 7.3 Sweet Spot

In calcareous soils (containing significant amounts of calcium carbonate), a minimum application rate of 10 gal/ac is recommended.



Diagnose First. Prescribe Right. Perform Your Best.

Diagnosing soil conditions is a critical step to project success. With Profile Soil Solutions Software (PS³), an online project design and management software, you gain:

- » Access to free soil testing
- » Expert soil analysis of agronomic potential
- » Site-specific amendment, plant species selection and erosion control prescriptions

PS³ walks you through proper soil sampling, then delivers a comprehensive analysis with prescriptive recommendations. From fertilizers to the right combination of Prescriptive Solutions, you'll have a clear path to improve soil health and better vegetation establishment.

For project design, PS³ is a free, comprehensive, 24/7 online resource you can use to design a project and select the right products that address both the physical and agronomic needs of your site. Develop holistic, sustainable solutions for cost-effective erosion control, vegetation establishment and subsequent reductions in sediment and other pollutants from leaving construction sites. Get started by visiting ProfilePS3.com.

For Those Who Demand More

Our Prescriptive Solutions are designed to do more than solve today's challenges. They create healthier soils, robust vegetation and project outcomes that last. By diagnosing conditions, prescribing the right solutions and supporting your team throughout the process, you'll have the tools and know-how to get ahead and stay there.

Because every project is more than a job site. It's your reputation. It's your investment. And with Profile® Prescriptive Solutions, you can trust that smart planning today will set the foundation for success tomorrow.

Get started today — contact Profile Products at:
800-508-8681 • +1-847-215-1144
ProfileEVS.com • ProfilePS3.com



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**GREEN DESIGN
ENGINEERING®**
EARTH-FRIENDLY SOLUTIONS
FOR SUSTAINABLE RESULTS™

