

# The industry's fastest acting products for pH Modification



## Correct your soil pH to improve nutrient uptake and sustainable growth

For best results, use **NeutraLime** in conjunction with slow release agricultural lime for sustained neutralization. Both dry and liquid formulas are typically used for acidic soils with a pH of less than 6.3.



### NeutraLime™ Dry

- Fast-acting Calcium Carbonate ( $\text{CaCO}_3$ ) works in 3-7 days to raise pH

Rates based on soil pH test results; 40-400 lb/ac (49-448 kg/ha)

Packaging: Four, 10-lb (4.5 kg) bags/case; 50, 40-lb (18.1 kg) bags/pallet



### NeutraLime™ Liquid

- Calcium Carbonate ( $\text{CaCO}_3$ ) works in 7-10 days to raise pH
- High concentration of the purest form of lime

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

Packaging: Two, 2.5-gal (9.5 L) jugs/case



### Aqua-pHix™ Hydro

- Fast-acting liquid, safe, self-buffering chelated organic and inorganic acid blend for treating alkaline soils
- Used in hydroseeders, golf course sprayers and fertigation to lower pH in water and/or soils
- Dissolves bicarbonates, displaces sodium and assists vegetation in saline soils

Rates and reapplication are based on soil pH and/or bicarbonate soil tests; 2.5-20 gal/ac (23.4-187 L/ha)

Packaging: Two, 2.5-gal (9.5 L) jugs/case



### Aqua-pHix™ Granular

- Slow-release, self-buffering chelated organic and inorganic acid impregnated into Profile ceramics
- Dry-applied; incorporated into soils or topdressed for use in landscapes, golf courses and horticulture
- Lowers pH, reduces bicarbonates and sodium in alkaline soils

Rates and reapplication are based on soil pH and/or bicarbonate levels measured via soil testing;

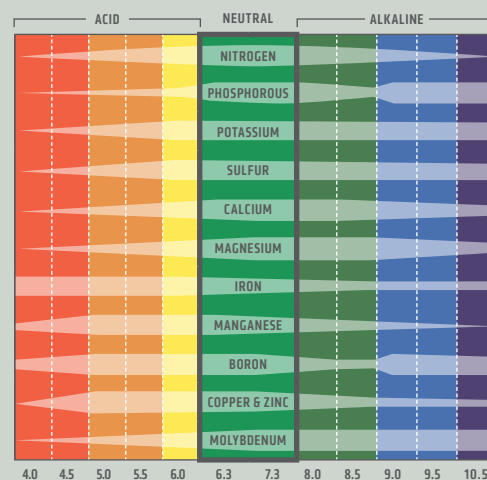
2.5-22.5 lb/1,000 ft<sup>2</sup> (1.2-11 kg/100 m<sup>2</sup>)

Packaging: 40, 50-lb (22.7 kg) bags/pallet



Soil pH is second only to moisture availability in its immediate impact on vegetation establishment. NeutraLime™ and Aqua-pHix™ quickly neutralize acidic and alkaline soils, respectively, promoting more complete germination and improving nutrient uptake. The faster you establish vegetation, the sooner you can walk away from an erosion control project. These prescriptive solutions from Profile Products will help you do just that.

#### IDEAL SOIL pH RANGE



#### PLANT NUTRIENT AVAILABILITY

SOIL ACIDITY					SOIL ALKALINITY						
4.0	4.5	5.0	5.5	6.0	6.3	7.3	8.0	8.5	9.0	9.5	10.0
10%	29%	46%	67%	80%	100%	100%	80%	67%	46%	29%	10%

#### TYPICAL APPLICATION RATES

ProPlus® Aqua-pHix™ and NeutraLime™

	Aqua-pHix Hydro		Aqua-pHix Granular		
ALKALINE SOILS	> 9.3	Contact Profile agronomist for specific site recommendations			
	8.7 - 9.2	10 gal/ac	(94 L/ha)	1,100 lb/ac	(1,233 kg/ha)
	8.0 - 8.6	5 gal/ac <sup>1</sup>	(47 L/ha)	560 lb/ac	(628 kg/ha)
	7.4 - 7.9	2.5 gal/ac	(23 L/ha)	280 lb/ac	(314 kg/ha)
	6.3 - 7.3	SWEET SPOT			
ACIDIC SOILS		NeutraLime Liquid		NeutraLime Dry	
	5.9 - 6.2	2.5 gal/ac	(23 L/ha)	40 lb/ac	(45 kg/ha)
	5.5 - 5.8	5 gal/ac	(47 L/ha)	80 lb/ac	(90 kg/ha)
	5.1 - 5.4	10 gal/ac	(94 L/ha)	160 lb/ac	(179 kg/ha)
	4.7 - 5.0	15 gal/ac	(140 L/ha)	240 lb/ac	(269 kg/ha)
	4.3 - 4.6	25 gal/ac	(234 L/ha)	400 lb/ac	(448 kg/ha)
< 4.2	Contact Profile agronomist for specific site recommendations				

<sup>1</sup> Soil pH derived from a calcareous soil requires a minimum of 10 gallons (93.5 L/ha) per acre to appropriately modify the soil solution. Defer to soil test to determine soil type.