

# ILLINOIS

# HARSCO

METALS & MINERALS



## AgrowSil PRO™ Coarse-Sized Industrial Co-Product Agricultural Liming Material

### Typical Lime Analysis (Dry Weight Basis)

Typical Calcium Content	31%	626 lb/T
Typical Magnesium Content	4.7 %	94 lb/T
Typical Calcium Carbonate Equivalent (by titration)	93.6 %	
<b>Sieve Analysis::</b>		
Typical Percent Passing #4 Mesh Screen	92 %	
Typical Percent Passing #8 Mesh Screen	72 %	
Typical Percent Passing #60 Mesh Screen	34 %	
Typical Percent Moisture Content	6 % *	
<b>Illinois Lime Quality Parameters:</b>		
Typical Total Fineness Efficiency (1-yr)	46.3 %	
Typical Effective Neutralizing Value (ENV, 1-yr)	43.3 %	
Typical Correction Factor (1-yr)	*1.14	
Typical Total Fineness Efficiency (4-yr)	61.7 %	
Typical Effective Neutralization Value (ENV, 4-yr)	57.7 %	
Typical Correction Factor (4-yr)	1.24	
Adjusted Lime Application Rate = Recommended Rate of Standard Aglime X (60/As As Received Basis ENV)		

**Recommended Application Rates:** Specific recommendations for application rates to raise pH should be obtained from soil testing. To calculate application rate, use (Recommended Rate of Standard Aglime X (ECCE / 2000)). Excessive application of AgrowSil PRO™ or any liming agent can result in soil pH higher than desirable for plant growth. For Spreaders: Bulk Density is 101 lbs/ft<sup>3</sup>

**Storage Recommendations:** Store AgrowSil PRO™ in a dry place not in direct contact with ground water or surface water. At agricultural sites, store only the amount of AgrowSil PRO™ that can be used during the current growing season.

Storage, transportation, and use of AgrowSil PRO™ shall be in a manner that will not create a nuisance or be harmful to public health, safety, or the environment or that will lead to excessive dispersal of AgrowSil PRO™ by wind or water erosion.

**AgrowSil PRO™ is not to be used as an animal feed additive.**

**CAUTION:** May cause eye and respiratory tract irritation. Avoid contact with eyes. Avoid breathing dust. Use with adequate ventilation.

**FIRST AID:** EYE – Flush immediately with plenty of water for at least 15 minutes. Call a physician.

**Additional Information:** Harsco Metals & Minerals guarantees that the AgrowSil PRO™ product characteristics listed above are verified to be in compliance at the time of production. AgrowSil PRO™ product is sampled as produced and is tested by an approved independent laboratory. Harsco Metals & Minerals cannot guarantee product characteristics (i.e. moisture, grain size) that are affected by long term storage or by improper care, handling, segregation, and storage by distributors or end users.

\*AgrowSil PRO™ produced by Harsco Metals Americas  
Derived from Fused Silicates

\* AgrowSil PRO™ is provided as as-produced typical moisture content of 6 %.

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Product Information