

IT'S THE SOIL

COMPOST CUSTOM BLENDS

Superior Soil Supplements provides all types compost and manures. Compost and manure feedstocks vary in nutrient balance, and our agronomists can help identify the best compost for your soil.

We can also combine compost/manure into custom amendment blends with soil amendments such as Gypsum, Zeolite, and other amendments. Custom blends offer the convenience of a single spreading operation and the assurance of uniform application, which is especially critical when applying micronutrients where only small quantities per acre are required.

SOIL AMENDMENTS & FERTILIZER

- Gypsum
- Limestone
- Dolomite
- Sulfur
- Compost
- Zeolite
- Custom Blends
- NPK Amendments
- Sulfate of Potash
- Solution Applicators
- Silos & Silo Repairs
- Soil & Water Testing



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ZEOLITE

Zeolite (Clinoptilolite)



ZEOLITE

is a natural mined mineral amendment that provides unique and distinct benefits to the soil.



ZEOLITE BENEFITS

NUTRIENT RETENTION: Zeolite has a natural and permanent negative ionic charge. This negative charge (-) adds cation exchange capacity (CEC) to soils.

This negative charge attracts and holds positively charged ions (cations). Nutrients, such as like ammonium (NH_4^+), potassium (K^+), calcium (Ca^{2+}), magnesium (Mg^{2+}), and trace elements, attach to the Zeolite. This attachment helps prevent nutrients from leaching out of the root zone, out of reach to plants and trees, while natural cation exchange processes make the nutrients available to plants.



ENHANCED WATER RETENTION:

Zeolite has a honeycomb-like microcrystalline structure. Its porous structure can hold up to 60% of its weight in water while keeping soil aerated. This increases soil moisture in the root zone, reduces runoff and erosion (especially on slopes), and helps in drought-prone or sandy soils.

Zeolite is effective either applied alone and worked into the soil or applied as part of a custom compost-based amendment blend.

Strategic & Economic Trade-offs

Product	Liquid Natural Clay (LNC)	Zeolite (Mineral)
Primary Focus	Maximum Water Retention	Nutrient & Salt Management
Secondary Focus	Nutrient Management	Water Retention
Lifespan	3-5 Years	Permanent
Labor	Low (Automated)	High (Mechanical/Tillage)
Best For	Reclaiming raw desert sand	Orchards & high-value vegetable crops

