



Premium 97™

Solution Grade Calcium Sulfate Dihydrate

Premium 97 is the purest, most soluble mined solution grade gypsum available. It delivers highly soluble and readily available organic calcium and sulfur to correct sodic, high pH soils and bicarbonate laden irrigation water in the West. Premium 97 improves soil structure, crop quality and yields at lower use rates than bulk gypsum.

CONTACT INFORMATION

Diamond K Gypsum

435.896.8870

1720 South Red Hills Drive, Richfield, Utah 84701
diamondkgypsum.com



EXTREMELY PURE: 97% Calcium sulfate dihydrate, the purest available on the market.



FAST ACTING: Immediately available water-soluble Ca and S through irrigation systems for rapid plant uptake.



HIGHLY SOLUBLE: Goes into solution faster and more completely than other gypsum sources. 92% of particles pass 325 mesh and 99% pass 100 mesh screen.



SUPPORTS EARLY SEASON VIGOR: Ca drives strong cell wall formation and root growth in key growth stages.



ENHANCES NUTRIENT AVAILABILITY: Sulfate helps mobilize tied up macro and micronutrients.



IMPROVES LOW-SOLUTE WATER: Adds minerals to pure water to improve water penetration into soil.

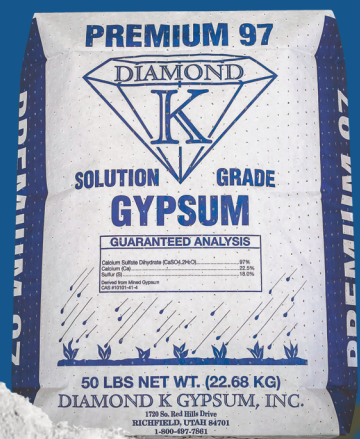


HELPS RECLAIM SODIC SOILS: Ultra-soluble Ca to replace and leach sodium in the soil.

Diamond K Premium 97™ — Organic Solution Grade Calcium Sulfate Dihydrate

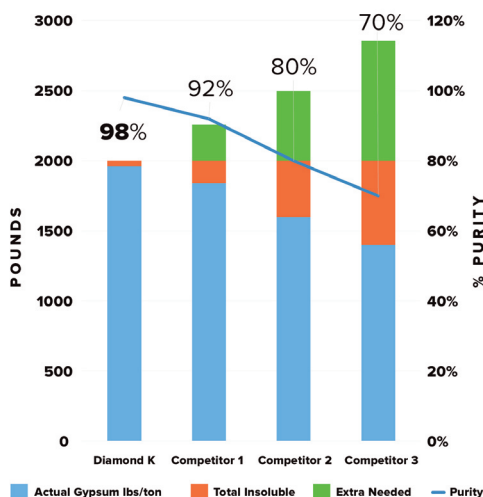
Chemical Composition

Component	Typical%	Range
Gypsum (CaSO ₄ -2H ₂ O)	98%	97% - 99%
Calcium (Ca)	22.9%	22.5% - 23%
Sulfur (S)	18.3%	18.0% - 18.3%
Moisture (H ₂ O)	0.05%	0.04% - 0.15%



Highly Pure Premium 97 Pay for pure gypsum, not impurities.

Gypsum Purity Comparison



Guaranteed Analysis

Gypsum (CaSO ₄ -2H ₂ O)	97%
Calcium (Ca)	22.5%
Sulfate Sulfur (S)	18.0%

Container Sizes



Available in 50 lbs. bags and 2,000 lbs. totes



Frequently Asked Questions

What's the difference between dihydrate and anhydrite gypsum? Premium 97 is made from naturally mined calcium sulfate dihydrate gypsum. It contains an extra water molecule that makes it more soluble. Anhydrite gypsum is insoluble and takes many years to break down.

How is Premium 97 different from bulk ag gypsum? It is 97% pure calcium sulfate dihydrate that is finely milled for rapid dissolution and higher solubility — 92% passes through 325 mesh screen.

Why is purity important? It contains more plant available calcium and sulfur per ton than other less pure forms of gypsum.

Why is particle size important? Particle size has a huge impact on gypsum dissolution rate and solubility. Premium 97 begins breaking down immediately upon contact with water, unlike anhydrite gypsum that can take weeks to dissolve.

What are the crop benefits of Premium 97? It provides calcium during critical plant growth stages. This enhances fruit firmness, shelf life and crop quality.

How can Premium 97 help with poor irrigation water quality? It reduces the negative effects of saline irrigation water. It neutralizes bicarbonates and carbonates found in surface water sources.

Which crops benefit most of Premium 97? It is widely used by growers of tree nuts, pome and stone fruits, table and wine grapes, and other high-value specialty crops.

Does Premium 97 increase soil pH? It is a neutral soil conditioner supplying calcium without altering soil pH. This makes it ideal for alkaline or sodic soils.