



New

Premium Prill Gypsum HA™

Prill Calcium Sulfate Dihydrate
Powered by Humic Acid

Premium HA Humic Acid™ combines the high purity and solubility of Diamond K gypsum with Diamond K Premium HA organic humic acid. This creates a single uniform prill for precision spreading and easy blending. It offers major agronomic advantages for growers in the West. It's formulated to address high pH calcareous soils, salinity, drought and low organic matter.

The two soil amendments work synergistically to reclaim sodic soils and reduce sodium stress.

Together they maximize irrigation sets, water-use efficiency and moisture retention. The combination unlocks tied up nutrients to improve bioavailability for increased nutrient use efficiency.

CONTACT INFORMATION
Diamond K Gypsum
435.896.8870

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



RECLAIMS SALINE-ALKALI SOILS: Gypsum frees Ca ions to displace toxic Na ions. HA accelerates displacement below the root zone.



ADVANCED CATION BRIDGING: Gypsum Ca and HA carboxyl groups form mineral bridges to greatly boost soil aggregation.



ACTIVATES SOIL BIOLOGY: HA from fresh water sources processed below 150° F. Preserves more organic compounds to stimulate microbial populations.



INCREASES NUTRIENT AVAILABILITY: HA increases cation exchange capacity improving P and micronutrient availability.



REDUCES SOIL COMPACTION: Loosens dense, hard pan soils. Gypsum increases pore space. HA provides C for increased microbial activity.



MAXIMIZES IRRIGATION EFFICIENCY: Gypsum increases moisture infiltration. HA boosts moisture retention.



UNIFORM PRILL SIZE: Dense, low dust prills blend and spreads accurately with dry fertilizer mixes to provide consistent placement in the field.

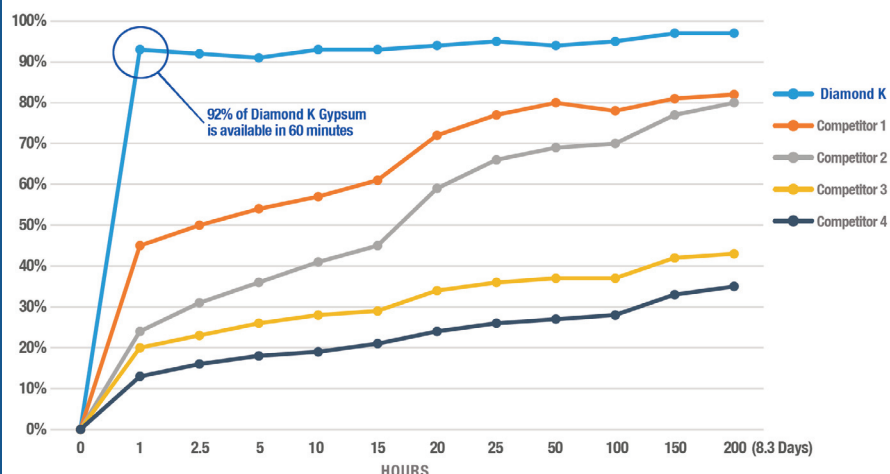


INCREASES ROI: Allows one pass application of gypsum and HA. Rich and affordable source of fast acting calcium and sulfur.



Diamond K Premium HA™ – Organic Humic Acid from Freshwater Sources

Gypsum Solubility Rate in Water



HIGHEST SOLUBILITY: Diamond K's calcium sulfate dihydrate gypsum has the highest solubility of any mined gypsum product on the market.

FASTEST DISSOLUTION: 92% of Diamond K's calcium sulfate dihydrate gypsum dissolved in less than 60 minutes, versus days for competitor products.

INCREASED AVAILABILITY: High solubility and fast dissolution means greater and accelerated sports turf availability.

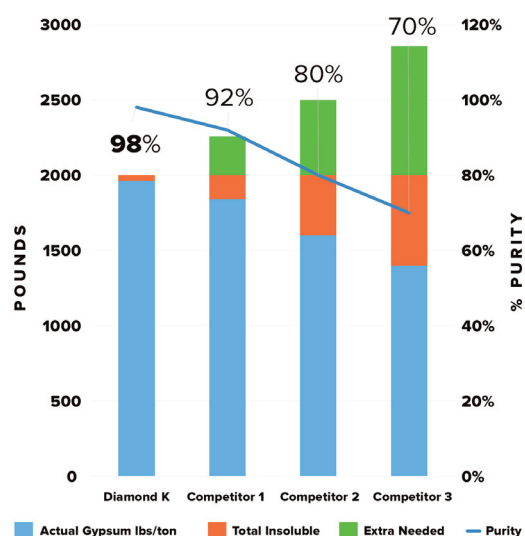
Gypsum Purity Comparison

HIGHEST PURITY: Premium Prill Gypsum is made from Diamond K mined calcium sulfate dihydrate gypsum is highly pure.

LOWER INPUT COSTS: High purity means you can apply less gypsum to achieve your desired impact for soil quality.

Guaranteed Analysis

Calcium Sulfate Dihydrate (CaSO ₄ -2H ₂ O)	92.0%
Calcium (Ca)	21.0%
Sulfur (S)	17.0%



Frequently Asked Questions

Why combine gypsum and humic acid?

Combining calcium sulfate dihydrate and HA delivers dual-action soil improvement. Calcium improves soil aggregation and leaches sodium below the root zone. HA enhances cation exchange capacity, nutrient chelation and microbial activity.

What results can growers expect? Improve water infiltration and distribution. Stronger root systems. Better nutrient efficiency.

Which crops benefit the most?

Salt sensitive crops such as nuts, pome and stone fruits, grapes, citrus, berries, and leafy green vegetables.

How does it improve water infiltration?

Calcium replaces sodium, helping flocculate soil particles. Humic acid further enhances soil structure and moisture retention.

How does it improve nutrient efficiency?

Humic substances increase nutrient availability and uptake by enhancing microbial

activity, which reduces nutrient tie-up. They also improve root growth and root mass.

When should I apply it? Apply early season during bud break and root flush. Apply mid-season during stress periods. Apply post-harvest to rebuild soil calcium and sulfur reserves.

