Organic Gypsum — Agriculture

Orchard Fines™

Premium Spreadable Calcium Sulfate Dihydrate

Orchard Fines is the purest and most soluble spreadable calcium sulfate dihydrate gypsum available.

Designed for use with double spinners or chain drive compost spreaders, it enables more consistent and even distribution than coarser gypsum products.

CONTACT INFORMATION
435.896.8870
1720 South Red Hills Drive, Richfield, Utah 84701
diamondkgypsum.com

PREMIUM SPREADABILITY: Spread post-harvest and early spring.

EXTREMELY PURE: 97% pure, the purest gypsum you can buy—as well as the most soluble on the market.

FAST ACTING: Finely ground particles maximize soil contact and dissolve rapidly upon application.

HIGHEST SOLUBILITY: Unlike anhydrite gypsum, dihydrate gypsum ($CaS0_4$-$2H_2O$) has 2 water molecules, for softer particles, and easy dissolvability.

EVEN DISTRIBUTION: Consistent particle placement in the soil with no gaps.

BOLSTER CALCIUM AND SULFUR: Flower development, pollination, fruit cell development and stronger cell walls.

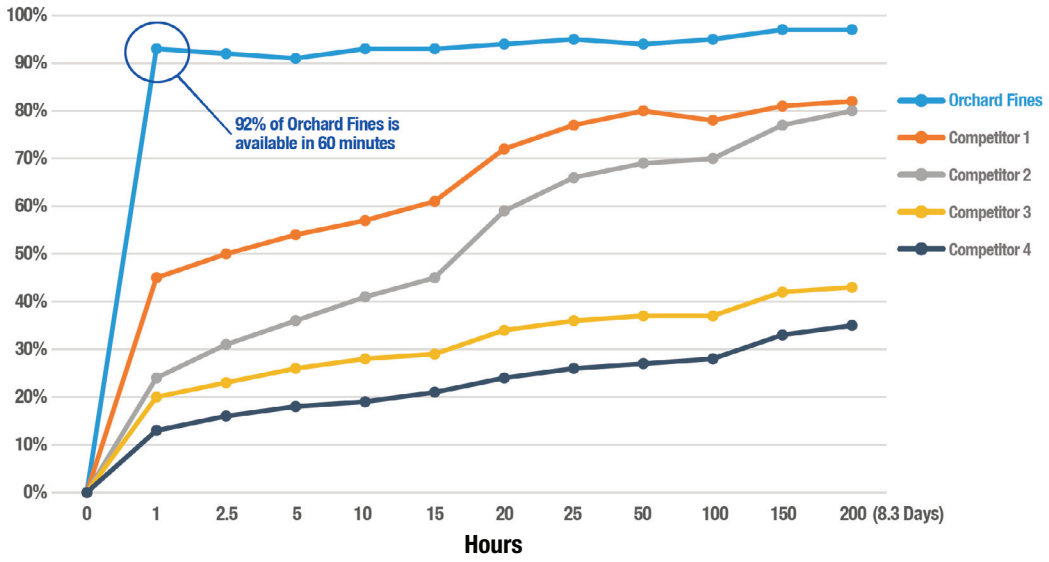
Orchard Fines™ Organic Gypsum

PREMIUM SPREADABLE CALCIUM SULFATE DIHYDRATE

HIGHEST SOLUBILITY: Orchard Fines has the highest solubility of any mined gypsum product on the market.

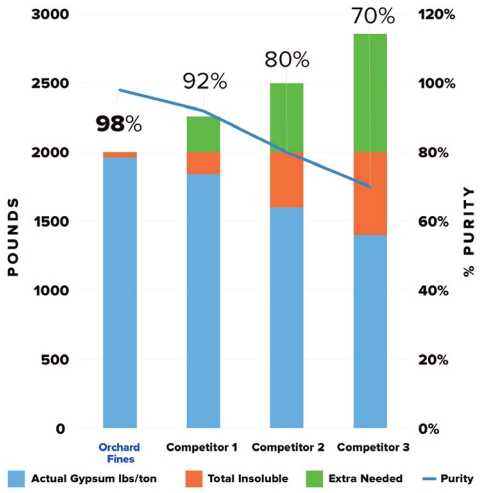
FASTEST DISSOLUTION: 97% of Orchard Fines dissolved in less than 60 minutes versus days for competitor products

INCREASED AVAILABILITY: Higher solubility and faster dissolution means higher and faster plant availability.



Orchard Fines Solubility Rate in Water

Diamond K Gypsum Purity Comparison



HIGHEST PURITY: Orchard Fines is made from Diamond K mined calcium sulfate dihydrate that is 97% pure.

LOWER INPUT COSTS:
Higher purity means you can apply less Orchard Fines to achieve your desired impact for nutrition.

Guaranteed Analysis

Calcium Sulfate Dihydrate ($CaSO_4$-$2H_2O$) 97%
Calcium 22.5%
Sulphate Sulfur 18%
Derived from Mined Gypsum (NOP)

Recommended Application Rates:

- **Field application:** Use 500+ lb per acre and apply more frequently than non-soluble gypsum.
- **Fertigation:** Can be used for fertigation, applying at lower rates than non-soluble gypsum but more frequently.

Note: Soil testing is crucial to determine appropriate application rates based on specific soil conditions, climate, and soil texture, especially when high levels of sodium are present.