

PRODUCT DATA SHEET

Provision Agricultural Resources



FOUR J - Gypsum

PRODUCT DESCRIPTION

FOUR J Gypsum (Calcium Sulfate – $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$) is naturally mined from sedimentary deposits in South East British Columbia Canada and is approved for use in organic production systems.

GUARANTEED ANALYSIS

Calcium Sulfate (CaSO_4)	88%	Calcium (Ca)	22%	Sulfur (S)	16%
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PHYSICAL PROPERTIES

Density	Melting Point	Solubility	Particle Size
2.38 g/cm ³	150 °C (302°F)	Insoluble in Water	10-35 MESH

BENEFITS FOR AGRICULTURAL USE

- Improves soil structure and tilth, enhancing aeration and water infiltration.
- Increases water retention in sandy soils and improves drainage in clay soils.
- Enhances nutrient availability, especially for calcium and sulfur, promoting healthy plant development.
- Helps regulate pH for optimal plant growth.
- Minimizes soil erosion and nutrient leaching, leading to better nutrient utilization and reduced runoff.
- Stimulates root development, leading to stronger and healthier plants.

APPLICATION GUIDELINES

Application Rate

Recommended application rate is typically 200-1000 lbs per acre, depending on soil conditions and crop type.

Timing

Apply FOUR J Gypsum in the spring or fall

Method

Broadcast Gypsum powder using a lime spreader, Rogator, or Valmar. Incorporate into the soil to increase effectiveness.

STORAGE AND HANDLING

Keep FOUR J Gypsum in a dry and covered storage area. Avoid generating excessive dust during handling. Use appropriate respiratory protection if needed.

This technical data sheet is provided as a general guide for the agricultural use of FOUR J Gypsum. Always conduct soil tests and consult with agricultural experts to determine the appropriate application rates and methods for your specific soil and crop needs.

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