



# KMS

## POTASSIUM MAGNESIUM SULFATE

*KMS is a solution-grade potassium magnesium sulfate, ultra-finely ground to 325 mesh for use in ground spray equipment or irrigation injection systems for soil applications.*

#### CONTACT INFORMATION

435.896.8870

1720 South Red Hills Drive, Richfield, Utah 84701

[diamondkgypsum.com](http://diamondkgypsum.com)



**PLANT AVAILABLE NUTRIENTS** - The potassium, magnesium, and sulfur in KMS are in the sulfate form, meaning they are immediately available to plants.



**EASY ON SENSITIVE CROPS** - The low chloride content of KMS makes it a great fit for crops that are sensitive yet need magnesium.



**DOES NOT AFFECT SOIL pH** - KMS is neutral in pH when applied to the soil, and therefore it does not contribute to additional soil acidity or alkalinity.



**BALANCED FERTILIZATION** - Supplies a perfect balance of three essential nutrients in a water-soluble form containing 21% potassium, 11% magnesium and 22% sulfur.



**ALL NATURAL** - KMS is a naturally occurring nutrient-rich mineral. Because it is 100% natural, KMS boasts the added benefit of being listed for use in organic crop production.

# TECHNICAL DATA

# KMS

POTASSIUM MAGNESIUM  
SULFATE

## Guaranteed Analysis

Potassium Oxide (K <sub>2</sub> O)	21.5%
Magnesium (Mg)	10.8%
Sulfur (S)	22.0%



Available in 50 lbs bags and 2000 lbs bags



## Chemical Composition

Component	Typical %	Range
Potassium Oxide (K <sub>2</sub> O)	21.7%	21.5% - 21.7%
Potassium (K)	18.2%	
Sodium (Na)	0.7%	
Calcium (Ca)	0.1%	
Magnesium (Mg)	11.4%	11.20% - 11.6%
Sulfur (S)	22.4%	22.3% - 22.7%
Chloride (Cl)	1.5%	0.8% - 1.6%
Water Insoluble	0.4%	
Moisture (H <sub>2</sub> O)	0.05%	0.04% - 0.155

## Particle Size Distribution

Passing 100 mesh	100%
Passing 200 mesh	97.6%
Passing 325 mesh	92%

## Physical Properties

Bulk Density (loose)	54 Lbs./ cu. ft.
Angle of Repose (degrees)	34