

# Solution Grade Langbeinite

## 0-0-21.5

### Potassium Magnesium Sulfate



Net Wt. 1 lb. (0.45 kg)

Langbeinite is a mineral that contains potassium (K), magnesium (Mg) and sulfur (S) - three of the essential nutrients that plants require to achieve optimum growth and reach their maximum potential. Here, in a balanced ratio and in the highly available water-soluble sulfate form, we offer a high performance solution grade powder that growers can apply with confidence. Designed for efficient delivery and immediate uptake, this 200 mesh powder can be used in reservoirs, fertigation, drip irrigation or spray applications.

#### GUARANTEED ANALYSIS

SOLUBLE POTASH (K <sub>2</sub> O)	21.5%
MAGNESIUM (Mg)	10.8%
SULFUR (S)	22.0%

Derived from Sulfate of Potash Magnesia  
CAS# 14977-37-8

Listed by the Organic Materials Review Institute (OMRI) for use in organic production.

#### APPLICATION RATES

2 cups ≈ 1 lb; 1 Tbsp ≈ 12 g; 1 tsp ≈ 4 g

Plant nutrient requirements are determined by multiple factors including target crop variety and existing nutrient content in the soil. Performing a complete soil or plant tissue analysis or using a home soil test kit before application is recommended. Testing services will provide guidelines for the efficient application of all fertilizers and soil amendments.

With Soil Analysis and Recommendations: Mix the total weight of recommended Down To Earth Solution Grade Langbeinite 0-0-21.5 with water at a rate of no more than 1 lb per gallon of water. Mix this concentrated solution into the total volume of water necessary for coverage. Continued agitation is recommended to keep diluted solution in suspension.

Without Soil Analysis (recommended rates for general use): For foliar and spray applications, mix ½ - 1 tsp per gallon of water. Apply with even coverage directly to plant leaves. For soil drench applications, mix 1-2 Tbsp per gallon of water.

**CAUTION:** Keep out of reach of children and pets. Do not ingest or inhale. Use of a dust mask is recommended for any application of a dry fertilizer product. Avoid contact with eyes or skin. Wash hands after use.

Information regarding the contents and levels of metals in this product is available on the Internet at: <http://www.aapfco.org/metals.htm>



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