

ALL NATURAL FERTILIZER

Langbeinite

0-0-22

SULFATE OF POTASH-MAGNESIA



**COMPOST
THIS BOX!**



OMRI
LISTED
For Organic Use

ALL NATURAL FERTILIZERS

NET WT 5 LB (2.27 kg)

Langbeinite is a naturally mined crystalline mineral that supplies three vital plant nutrients — potassium, magnesium and sulfur — all in the water-soluble sulfate form. Its neutral pH does not alter soil acidity, and its maximum chlorine content is less than 3.0 percent, minimizing the potential for fertilizer “burn.” It is widely used on sensitive vegetables and fruit crops that require high fertilization rates but do not tolerate high levels of chlorine or soluble salts. This standard-grade Langbeinite has a typical SGN of 95 and is an excellent source of readily available sulfur, potassium and magnesium.

GUARANTEED ANALYSIS

SOLUBLE POTASH (K ₂ O)	22.0%	Derived from: Sulfate of Potash-Magnesia	
MAGNESIUM (Mg)	10.8%	CHLORINE (Cl) Max	3.0%
10.8% Water Soluble Magnesium		Listed by the Organic Materials Review Institute	
SULFUR (S)	22.0%	(OMRI) for use in organic production.	
22.0% Combined Sulfur			

APPLICATION RATES

1 cup ≈ 1 lb; ¼ cup ≈ 4 oz; 1 tbsp ≈ 1 oz

Vegetable Gardens & Flower Beds: To prepare new gardens, apply 1-2 lbs per 100 square feet and thoroughly mix into the top 3" of soil. To feed established plants, side dress 1-2 tablespoons per plant, depending on size of plant, once each month during the growing season.

Containers: For new plantings, mix 1 tablespoon per gallon of soil and mix thoroughly **OR** add 1-2 lbs per cubic yard. For established plants, lightly mix 1-2 teaspoons per gallon into the soil surface once each month during the growing season.

Trees & Shrubs: Spread ½ -1 lb per 1" of trunk diameter around the base outwards to the drip line, mix into soil surface and water in well. For new trees, prepare transplant hole and mix ¼ - ½ cup with the backfill soil. Use amended soil to fill in around new tree and water in well.

WHAT IS "N-P-K"?

NITROGEN (N) - Nitrogen is necessary for lush, green, leafy growth. An excess, however, will promote vegetative growth at the expense of fruit or flowers. Nitrogen is generally applied at higher concentrations in early growth stages. Use Down To Earth Bat Guano, Blood Meal or Feather Meal.

PHOSPHORUS (P) - Phosphorus will promote big, bright blooms and enhanced fruit production. Phosphorus is essential for fruiting, flowering, strong root growth and quality seed development. Use Down To Earth Fish Bone Meal or Seabird Guano.

POTASSIUM (K) - Potassium, or Potash, helps produce strong sturdy plants and quality fruit. Potassium naturally increases a plants resistance to all types of stress and is vital for cell growth and carbohydrate metabolism. Use Down To Earth Kelp Meal or Langbeinite.



Use of a dust mask is recommended for application of any dry fertilizer product.

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