

# Solution Grade Gypsum

## Calcium Sulfate



Net Wt. 1 lb. (0.45 kg)

**Gypsum** is composed of calcium (Ca) and sulfur (S) - two of the essential nutrients that plants require to achieve optimum growth and reach their maximum potential. Gypsum offers many advantages for soil management practices in addition to being a valuable resource for plant fertility programs. We offer a high performance solution grade powder that growers can apply with confidence. Designed for efficient delivery and immediate uptake, this 325 mesh powder can be used in reservoirs, fertigation, drip irrigation or spray applications.

#### GUARANTEED ANALYSIS

CALCIUM (Ca)	22.5%	Derived from Mined Gypsum
SULFUR (S)	17.5%	CAS# 10101-41-4
CALCIUM SULFATE DIHYDRATE (CaSO <sub>4</sub> ·2H <sub>2</sub> O)	97.0%	Listed by the Organic Materials Review Institute (OMRI) for use in organic production.

#### APPLICATION RATES

2 cups ≈ 1 lb; 1 Tbsp ≈ 10 g; 1 tsp ≈ 3 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. Soil texture reports can help identify problems and inform appropriate application rate amounts for improving soil physical characteristics. Gypsum is neutral in pH and will not affect soil acidity. To prevent scale build-up, assure that water used for dilution has a pH of no higher than 6.5.

With Soil Analysis and Recommendations: Mix the total weight of recommended Down To Earth Solution Grade Gypsum 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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