



Planters II Material Specifications

© U.S. Soil, Inc – Salida, Colorado 81201

Planters II Trace Mineral Fertilizer
Water Dispensable Material. Derived from
metamorphosed evaporite.

Mineral Analysis

As we are registered as a fertilizer, we can only legally guarantee seven of the minerals found in Planters II. The analysis contains a complete listing of minerals, but amounts are not guaranteed. Guaranteed *Minerals are Plant-Available*.

Guaranteed Minerals:

Calcium (Ca)	5.0%
Sulfur (S)	5.0%
Magnesium (Mg)	0.5%
Iron (Fe)	0.4%
Boron (B)	0.02%
Cobalt (Co)	0.0005%
Molybdenum (Mo)	0.0005%

Complete List

Phosphorus, Potassium, Calcium, Magnesium, Sulfur, Aluminum, Barium, Boron, Carbon, Chloride, Chromium, Cobalt, Copper, Fluoride, Iron, Lithium, Manganese, Molybdenum, Nickel, Silicon, Silver, Sodium, Strontium, Titanium, Zinc

Source: The Industrial Laboratories Company

Heavy Metal Analysis

Contains **NO** detectable amounts of Arsenic, Cadmium, Lead, Selenium or Mercury
Source: Inland Environmental Laboratories

Physical Data

Water Solubility: 20% at 20c
Appearance & Color: Grey-Granular
Sizing: -8+12 mesh granules

Boiling Point 760 MM HG: N/A
Vapor Pressure (mm Hg): N/A
Vapor Density (Air=1): N/A
Evaporation Rate: N/A
Melting Point: N/A
% Volatiles by Volume: N/A

Safety Data

Fire and Explosion Safety

Flash Point: N/A
Special Fire Fighting Procedures: N/A
Unusual Fire/Explosion Hazards: N/A
Extinguishing Media: Water
Flammability in Air: N/A

Health Hazard Info

As with all rock and dust based products prolonged exposure could irritate lungs. Normal inhalation is generally not considered a hazard. Wash after use and wear protective clothing when applying.



OMRI listed as Approved For Organic Use

The Foundation Mineral Difference

Just like sunlight and water, it is important to start with a solid foundation of minerals to build upon. All plants need minerals. *What makes a Foundation Mineral different from standard "rock dust" soil amendments?*

pH Tolerant

It is well known that minerals help adjust the pH of high alkaline or acidic soils to mostly ideal conditions. However, it can be confusing as to which mineral to use in what condition. When using Planters II, you know it will balance your pH no matter your conditions. Planters II minerals will work on adverse soil conditions without tying up other minerals.

Bioactive

Life exists in your soil, and it is that life that is the start of a great crop. A foundation mineral feeds the life in your soil causing an explosion of microbial life forms and earthworms. The key to sustainable agriculture is life in your soil. Promote that life with a solid foundation first.

Plant Available

Why wait 2-200+ years, in the case of calcium carbonate, for the mineral to break down to a useable form. Plant available minerals such as those found in Planters II are available when the plants need them. As such, they are registered as a fertilizer and you can see the difference right away.

About U.S. Soil

Established in 1947 U.S. Soil, a family owned and operated business, works tirelessly to promote sustainable agriculture and organic farming.

Today, there are many mineral supplements on the market, but few provide the ideal mineral combination U.S. Soil is able to provide with **Planters II**.

By choosing U.S. Soil, you are choosing to use a company that has the experience and the products to build your foundation for the future.

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