



P₂O₅ 18%

Ca 16%

Fe 5%

SiO₂ 10%

OVER 20% PHOSPHATE + ESSENTIAL MINERALS

Kap-Phos acts as a soil amendment and a fertilizer to provide essential phosphorus (P) and trace minerals to plants, while also enhancing soil fertility to better utilize important nutrients that are already present in the soil.

CALCIUM RICH SOILS ARE FERTILE & PRODUCTIVE

Kap-Phos sets the soil by adding calcium to buffer the soil pH, neutralize heavy metals and acidic compounds and promote aeration, creating a microbial rich environment. This is essential for increasing phosphorus release from Kap-Phos while also rendering other soil nutrients more available and accessible to the crop.

SLOW RELEASE IRON FOR GREEN UP & GROWTH

The presence of iron in Kap-Phos enhances chlorophyll production and overall plant health, contributing to a robust and productive growing environment. Especially consider the benefits of Iron for Turf.

HERE'S HOW MICROBES INCREASE PHOS AVAILABILITY



Mineralization: Microbes decompose organic matter, converting organic P into inorganic P that plants love.



Mycorrhizae: Mycorrhizal fungi form symbiotic relationships with plant roots, extending their hyphae to access otherwise unavailable phosphorus.



Solubilization: Microbes produce organic acids that dissolve insoluble phosphorus compounds, making them soluble and available.



PSMs: These microorganisms actively solubilize phosphorus from insoluble compounds.



Phosphatase Production: Microbes produce enzymes that break down organic phosphorus compounds, releasing inorganic P ions.



Promote sustainable agriculture by sourcing natural resources that minimize your carbon footprint and benefit soil fertility for ongoing crop production.

CROPS NEED PHOSPHORUS ALL SEASON LONG

Kap-Phos gradually releases phosphorus over time, providing a long lasting supply for crops as needed, minimizing losses to the environment, reducing the need for frequent applications, saving time and resources.

Soil Health & Seed Germination

Energy Transfer, Photosynthesis, & Cellular Respiration

Stress & Disease Resistance



Root Development & Nutrient Uptake

Promote Flowering, Growth, Quality & Yield

CALCIUM STRENGTHENS & PROTECTS



Forms Calcium Pectate to provide support and stability

Contributes to cell division and elongation for growth

Messenger in cellular signaling to respond to environmental stress

Helps with uptake and mobility of nutrients to ensure balanced nutrition

Strengthens cell walls and membranes to increase disease resistance



APPLICATION GUIDELINES

- Timing:** After fall harvest, spring, at seeding
- Rate:** 150-400 lbs/acre. The recommended application rate varies depending on soil phosphorus levels, crop type, and specific growing conditions. Conduct a soil test for precise recommendations.
- Methods:** Broadcast, band, side dress, incorporate to optimize availability

TECHNICAL SPECIFICATIONS

- Physical Form:** Powder or Granular
- Packaging:** Available in bulk, including bulk bags
- Shipping:** Pick it up, or we can ship it to you via the most economical route