

Midwestern BioAg

ORGANIC FERTILIZER MATERIALS

Dry Fertilizer Ingredients

At Midwestern BioAg, we select the highest-quality, most plant-available ingredients for all our fertilizer blends.

- **MicroHume®:** MicroHume is a humate-based micronutrient package formulated to improve plant uptake of essential micronutrients. MicroHume is precision engineered to efficiently distribute micronutrients evenly across fields. Each uniform pellet supplies zinc, calcium, sulfate sulfur, boron, copper and manganese.
- **HumaCal®:** HumaCal is a blend of humates, calcium and sulfur in a uniform granule. Multiple calcium sources blended with humates help improve calcium availability to plants. HumaCal improves plant growth, stimulates soil biology, improves soil structure and increases nutrient uptake.
- **Chicken Manure Crumbles:** Crumbles are an excellent source of nitrogen, soluble calcium and micronutrients. It can add the benefits of manure into any fertilizer blend, helping to improve soil organic matter and overall soil tilth and structure.
- **Pelletized Phosphate Rock:** Pelletized rock phosphate supplies crops with slow-release phosphorus, calcium and small amounts of micronutrients. It builds soil phosphorus levels and provides plant-available phosphorus all season long.
- **Protassium+®:** Protassium+ (0-0-50-17S), or potassium sulfate, is a stable, low-chloride and slow-release potassium and sulfate sulfur source. With its low salt index, Protassium+ is the preferred potassium source to improve crop yields and quality.
- **Intrepid Trio®:** Intrepid Trio (0-0-22-22S-11Mg), or sulfate of potash magnesia, is a low-chloride, low-pH and low-chloride potassium fertilizer. Each granule supplies potassium, sulfur and magnesium in the same ratio, ensuring that all three minerals are available to the plant when needed.
- **SuperCal SO4®:** SuperCal SO4 pelletized gypsum (0-0-0-21Ca-17S) provides soluble calcium and sulfate sulfur. It improves soil structure, aeration and drainage, resulting in reduced soil surface crusting and improved seedling emergence.
- **Feather Meal:** Feather meal (13-0-0) is derived from poultry processing. It is a semi-slow release organic nitrogen source that supplies nitrogen for up to three months. It also delivers chelated calcium to crops and stimulates soil biology.

Calcium & Liming Products

Our soil amendments can correct nutrient deficiencies and improve pH to grow higher-yielding, healthier crops.

- **OrganiCal™:** OrganiCal is an OMRI-listed calcium and sulfur soil amendment that improves crop quality, yields and soil structure. OrganiCal contains two calcium sources — finely ground gypsum and high calcium lime. It quickly builds calcium levels in the soil and is available to plants at all pH ranges.
- **Gypsum:** Gypsum provides calcium and sulfur, two essential nutrients for plant performance and yield.
- **High-Calcium Lime:** High-calcium lime can increase soil pH and crop yields. The added calcium in high-calcium lime can also improve nutrient availability and overall plant health.

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